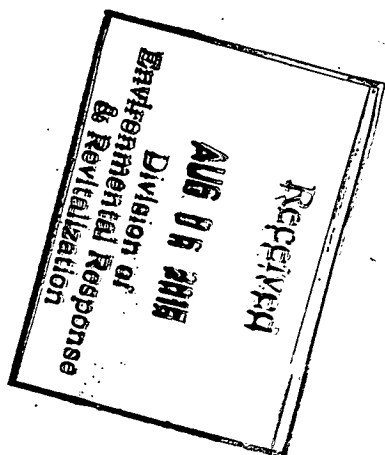




Appendix G

VAP Laboratory Analytical Tables and Data Packages

ANALYTICAL TABLE G-1
SUMMARY OF PAHS IN IA-4 SOIL (mg/kg)
FORMER MANSFIELD STAMPING PLANT

Sample Location		IA-4-11	IA-4-11	IA-4-12	IA-4-12	IA-4-13	IA-4-13	IA-4-14	IA-4-14	IA-4-15	IA-4-15	IA-4-16	IA-4-16	IA-4-17	IA-4-17	IA-4-18	IA-4-18	IA-4-19	IA-4-19	IA-4-20	IA-4-20																																		
	Sample ID	SB1	SB1	SB2	SB2	SB3	SB3	SB4	SB4	SB5	SB5	SB6	SB6	SB7	SB7	SB8	SB8	SB9	SB9	SB10	SB10																																		
	Depth (feet)	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'																																		
	Sample Date	12/5/2011	12/5/2011	12/5/2011	12/5/2011	12/5/2011	12/5/2011	12/5/2011	12/5/2011	12/5/2011	12/5/2011	12/5/2011	12/5/2011	12/5/2011	12/5/2011	12/5/2011	12/5/2011	12/5/2011	12/5/2011	12/5/2011	12/5/2011																																		
	Sample Time	1120	1120	1130	1130	1145	1145	1300	1300	1315	1315	1320	1320	1330	1330	1330	1345	1345	1400	1400	1415	1415																																	
Ohio VAP DC Construction/Excavation Ohio VAP Generic DC Standard - Industrial Soil		IA-4-11 to IA-4-20 Data Exceeds RLs																																																					
Polynuclear Aromatic Hydrocarbons (PAH) - mg/kg																																																							
Acenaphthene	780,000	90,000	0.21100		0.00338		26.9		0.00344		0.89700		1.24000		0.74600		0.05650		0.20500		0.00671		0.31000		0.00272		U	21.40000		0.01540		13.70000		0.48900		0.62900		0.00266		U	0.04570		0.00270		U										
Acenaphthylene	780,000	90,000	0.01540		0.00264		U	0.78100		0.00270		U	0.03880		0.01720		0.02660		0.00150		J		0.00896		J		0.00269		U	0.00573		J		0.00272		U	0.66300		0.00273		U	0.36100		0.02110		0.02120		0.00266		U	0.00372		0.00270		U
Anthracene	1,000,000	450,000	0.69300		0.01220		51.7		0.01200		0.98000		4.33000		1.63000		0.16500		0.72000		0.02510		0.86900		0.00327		U		46.00000		0.04740		32.00000		1.29000		1.69000		0.00282		U	0.18100		0.01640		0.00234		J							
Benzo(a)anthracene	1,200	58	1.65000		0.03050		121.0		0.03170		7.95000		8.59000		5.88000		0.48800		1.64000		0.05670		2.14000		0.00745		U		108.0		0.11200		62.10000		3.61000		4.74000		0.00742		U	0.48700		0.00270		U									
Benzo(a)pyrene	120	5.8	1.39000		0.02590		93.2		0.02690		6.43000		6.89000		4.76000		0.36900		1.34000		0.04410		1.68000		0.00584		U		87.1		0.08990		46.70000		2.41000		3.84000		0.00552		U	0.38500		0.00270		U									
Benzo(b)fluoranthene	1,200	58	1.38000		0.02540		100.0		0.02770		6.25000		6.13000		4.92000		0.36700		1.29000		0.03990		1.42000		0.00863		U		89.2		0.09320		49.00000		2.38000		3.99000		0.00735		U	0.37700		0.00270		U									
Benzo(ghi)perylene	390,000	45,000	1.02000		0.01770		57.7		0.01880		3.26000		3.29000		2.17000		0.21300		0.79800		0.02820		0.93400		0.00592		U		52.70000		0.05570		27.40000		1.30000		2.00000		0.00485		U	0.21600		0.00543		0.00270		U							
Benzo(k)fluoranthene	12,000	580	1.22000		0.02410		82.4		0.02560		6.74000		6.56000		4.64000		0.30800		1.22000		0.04340		1.15000		0.00502		U		79.80000		0.08560		43.40000		2.34000		2.33000		0.00562		U	0.33600		0.00270		U									
Chrysene	120,000	5,800	1.47000		0.03040		111.0		0.03400		7.52000		7.27000		5.56000		0.41700		1.51000		0.05280		2.02000		0.01330		U		102		0.10700		58.70000		3.48000		4.44000		-0.00952		U	0.43100		0.00736		0.00270		U							
Dibenz(a,h)anthracene	120	5.8	0.34000		0.00534		20.9		0.00566		1.09000		1.50000		0.81300		0.07840		0.27800		0.00858		0.33600		0.00138		J		19.0		0.01860		7.98000		0.50000		0.72600		0.00176		J	0.07780		0.00270		U									
Fluoranthene	160,000	60,000	2.98000		0.05950		234.0		0.07480		17.00000		15.30000		12.80000		1.08000		4.26000		0.11200		4.92000		0.02000		U		312		0.24800		134		8.60000		10.90000		0.01750		U	1.13000		0.00538		0.00270		U							
Fluorene	520,000	60,000	0.25200		0.00316		23.1		0.00327		0.82800		1.22000		0.78800		0.05450		0.25900		0.00728		0.45000		0.00272		U		18.30000		0.01530		11.20000		0.59600		0.73800		0.00266		U	0.05800		0.00270		U									
Indeno(1,2,3-cd)pyrene	1,200	58	0.99300		0.01590		59.4		0.01640		3.47000		3.56000		2.25000		0.22100		0.79900		0.02500		0.91800		0.01690		U		54.70000		0.05400		28.20000		1.40000		2.04000		0.00362		U	0.22400		0.00270		U									
1-Methylnaphthalene	31,000	1,500	0.03040		0.00498		3.65		0.00205		J		0.16000		0.09180		0.02610		0.00693		0.07950		0.00619		0.00272		U		2.76000		0.00435		2.05000		0.13100		0.12200		0.00266		U	0.06900		0.00498		0.00270		U							
2-Methylnaphthalene	5,200	6,000	0.03090		0.00621		4.88		0.00250		J		0.18200		0.13000		0.03300		0.00697		0.10100		0.00512		0.00800		0.00142		J		3.50000		0.00590		2.84000		0.18000		0.16000		0.00266		U	0.08790		0.00437		0.00270		U					
Naphthalene	560	450	0.02760		0.00458		4.45		0.00142		J		0.13400		0.23200		0.24000		0.00761		0.07040		0.00293		0.00272		U		3.12000		0.00481		2.85000		0.15300		0.19600		0.00266		U	0.05510		0.00270		U									
Phenanthrene	1,000,000	450,000	2.17000		0.03790		216		0.04980		12.00000		12.20000		9.55000		0.65600		2.54000		0.08060		4.46000		0.01550		U		236		0.18200		123		6.97000		8.87000		0.01140		U	0.77700		0.01690		0.00270		U							
Pyrene	390,000	45,000	2.56000		0.04960		197		0.05860		13.70000		12.40000		10.10000		0.84700		2.56000		0.09040		3.84000		0.01350		U		242		0.19100		107		6.61000		8.61000		0.01360		U	0.89400		0.00609		0.00270		U							

Notes:
U = indicates analyte not detected at indicated reporting limit (RL)
mg/ kg = milligrams per kilogram
All laboratory data provided by Test America Laboratories
Highlighted values exceed one or more screening level concentrations

J - value qualified due to concentration being below quantitation limit, or due to QA/QC data outside of control limits
VAP - Ohio Voluntary Action Program
VAP Construction - Ohio VAP generic risk based standard for direct contact exposure by a construction worker specified in OAC 3745-300-08-D (August, 2014)
Direct Contact Ind. - Ohio VAP generic risk based standard for direct contact exposure via an industrial use scenario specified in OAC 3745-300-08-C (August 2014)

ANALYTICAL TABLE G-1 (CONTINUED)
SUMMARY OF PAHS IN IA-4 SOIL (mg/kg)
FORMER MANSFIELD STAMPING PLANT

Sample Location		IA-4-21	IA-4-21	IA-4-22	IA-4-22	IA-4-23	IA-4-23	IA-4-24	IA-4-24	IA-4-25	IA-4-25	IA-4-26	IA-4-26	IA-4-27	IA-4-27	IA-4-28	IA-4-28	IA-4-29	IA-4-29	IA-4-30	IA-4-30	DUPLICATE	DUPLICATE																							
	Sample ID	SB11	SB11	SB12	SB12	SB13	SB13	SB14	SB14	SB15	SB15	SB16	SB16	SB17	SB17	SB18	SB18	SB19	SB19	SB20	SB20	DUP 1	DUP 2																							
	Depth (feet)	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	0'-2'																							
	Sample Date	12/5/2011	12/5/2011	12/5/2011	12/5/2011	12/6/2011	12/6/2011	12/6/2011	12/6/2011	12/6/2011	12/6/2011	12/6/2011	12/6/2011	12/6/2011	12/6/2011	12/6/2011	12/6/2011	12/6/2011	12/6/2011	12/6/2011	12/6/2011	12/6/2011	12/6/2011																							
	Sample Time	1430	1430	1440	1440	925	925	935	935	950	950	1010	1010	1030	1030	1100	1100	1110	1110	1125	1125																									
Ohio VAP DC Construction/Excavation		Ohio VAP Generic DC Standard - Industrial Soil																																												
Polynuclear Aromatic Hydrocarbons (PAH) - mg/kg																																														
Acenaphthene	780,000	90,000	0.05500		0.04060		0.12100		0.00161	J	0.24400		0.00298		0.01290		0.00293	U	1.20000		0.00175	J	0.03170		0.00314	U	0.06670		0.00280	J	0.00917		0.00302	U	0.57800		0.00196	J	5.46000		0.00252	J	0.04760		0.00484	
Acenaphthylene	780,000	90,000	0.00795	J	0.00170	J	0.00781		0.00276	U	0.01560		0.00288	U	0.00215	J	0.00293	U	0.05710		0.00313	U	0.00154	J	0.00314	U	0.00779		0.00161	J	0.00308	U	0.00302	U	0.02960		0.00316	U	0.24200		0.00290	U	0.00154	J	0.00313	J
Anthracene	1,000,000	450,000	0.24100		0.13200		0.28200		0.00276	U	0.57800		0.00772		0.03840		0.00214	J	2.39000		0.00450		0.07720		0.00314	U	0.22700		0.00446		0.04660		0.00302	U	1.17000		0.02090		0.00405		0.13100		0.00847			
Benzo(a)anthracene	1,200	58	0.78800		0.23300		1.03000		0.00334		2.16000		0.02120		0.27600		0.00300		8.41000		0.00928		0.27600		0.00374		0.83100		0.00703		0.12600		0.00249	J	3.98000		0.00292	J	37.90000		0.01130		0.34600		0.00708	
Benzo(a)pyrene	120	5.8	0.68300		0.17400		0.86400		0.00276	U	1.85000		0.01700		0.12400		0.00218		7.26000		0.00750		0.22400		0.00277	J	0.75600		0.00685		0.11000		0.00154	J	3.29000		0.00236	J	31.70000		0.00981		0.27900		0.00589	
Benzo(b)fluoranthene	1,200	58	0.74500		0.17200		0.87300		0.00276	U	1.98000		0.01970		0.12800		0.00293	U	7.47000		0.00973		0.21300		0.00415		0.80400		0.00866		0.11100		0.00352		3.48000		0.00316	U	33.50000		0.01340		0.26500		0.00848	
Benzo(ghi)perylene	390,000	45,000	0.40500		0.09720		0.34800		0.00901		0.80100		0.01180		0.06760		0.00373		3.45000		0.00662		0.14200		0.00398		0.48500		0.00900		0.07340		0.00251	J	1.59000		0.00677		18.90000		0.01500		0.16300		0.00727	
Benzo(k)fluoranthene	12,000	580	0.64500		0.15600		0.82900		0.00276	U	1.74000		0.01440		0.11900		0.00293	U	4.89000		0.00669		0.21900		0.00262	J	0.68200		0.00641		0.11000		0.00560	J	3.35000		0.00316	U	30.10000		0.00732		0.24500		0.00654	
Chrysene	120,000	5,800	0.78200		0.20700		1.02000		0.00998		2.09000		0.02290		0.14300		0.00703		8.51000		0.01250		0.26000		0.00533		0.78400		0.01160		0.12400		0.00740		3.93000		0.00888		36.70000		0.01920		0.30000		0.01030	
Dibenz(a,h)anthracene	120	5.8	0.13900		0.04380		0.13400		0.00276	U	0.30500		0.00471		0.02280		0.00293	U	1.32000		0.00260	J	0.04540		0.00314	U	0.16300		0.00316		0.02300		0.00302	U	0.61000		0.00316	U	5.76000		0.00333		0.05550		0.00232	J
Fluoranthene	160,000	60,000	1.61000		0.47800		2.37000		0.00844		4.91000		0.04110		0.27400		0.00966		19.70000		0.02000		0.52600		0.00706		1.99000		0.01410		0.26800		0.00439		9.92000		0.01000		82.80000		0.03030		0.77400		0.01440	
Fluorene	520,000	60,000	0.07360		0.04530		0.13500		0.00276	U	0.23600		0.00215	J	0.01600		0.00293	U	1.12000		0.00313	U	0.03240		0.00314	U	0.06610		0.00305	J	0.01260		0.00302	U	0.57400		0.00316	U	4.61000		0.00290	U	0.05060		0.00640	
Indeno(1,2,3-cd)pyrene	1,200	58	0.40800		0.09790		0.37600		0.00171	J	0.85900		0.00917		0.06790		0.00293	U	3.68000		0.02330		0.13200		0.00213	J	0.48500		0.00515		0.06930		0.00302	U	1.68000		0.00174	J	19.10000		0.00649		0.16100		0.00474	
1-Methylnaphthalene	31,000	1,500	0.02390		0.00568		0.13000		0.01770		0.08790		0.00978		0.02600		0.00276		0.23200		0.00253	J	0.00967		0.00406		0.01910		0.00487		0.00557		0.00302	U	0.12200		0.00646		0.92200		0.01420		0.00849		0.00597	
2-Methylnaphthalene	5,200	6,000	0.02800		0.00606		0.17600		0.01630		0.11400		0.01130		0.03440		0.00287		0.26100		0.00278	J	0.01040		0.00337		0.02320		0.00526		0.00543		0.00302	U	0.15200		0.00548		1.02000		0.01100		0.00767		0.00595	
Naphthalene	560	450	0.01790		0.00453		0.12200		0.00276	U	0.08600		0.00450		0.02190		0.00175		0.18600		0.00406		0.00619		0.00314	U	0.01890		0.00365		0.00258	J	0.00302	U	0.13600		0.00315	J	0.73600		0.00517		0.00963		0.00421	
Phenanthrene	1,000,000	450,000	0.96400		0.42100		1.85000		0.03550		3.46000		0.03590		0.17300		0.01750		14.00000		0.02140		0.36400		0.00891		0.93500		0.01680		0.17300		0.00588		8.30000		0.02160		58.50000		0.04320		0.46800		0.01660	
Pyrene	390,000	45,000	1.29000		0.37300		1.82000		0.01020		3.88000		0.03410		0.22300		0.00955		15.40000		0.01830		0.44800		0.00609		1.55000		0.01330		0.21200		0.00301	J	7.39000		0.00892		66.50000		0.02780		0.49700		0.01220	

Notes:
U = indicates analyte not detected at indicated reporting limit (RL)
mg/ kg = milligrams per kilogram
All laboratory data provided by Test America Laboratories
Highlighted values exceed one or more screening level concentrations

J - value qualified due to concentration being below quantitation limit, or due to QA/QC data outside of control limits
VAP - Ohio Voluntary Action Program
VAP Construction - Ohio VAP generic risk based standard for direct contact exposure by a construction worker specified in OAC 3745-300-08-D (August 2014)
Direct Contact Ind. - Ohio VAP generic risk based standard for direct contact exposure via an industrial use scenario specified in OAC 3745-300-08-C (August 2014)

ANALYTICAL TABLE G-1 (CONTINUED)
SUMMARY OF PAHS IN IA-4 SOIL (mg/kg)
FORMER MANSFIELD STAMPING PLANT

Sample Location		IA-4-31	IA-4-31	IA-4-32	IA-4-32	IA-4-33	IA-4-33	IA-4-34	IA-4-34	IA-4-35	IA-4-35	IA-4-36		IA-4-36		IA-4-37	IA-4-37	IA-4-38		IA-4-38		DUPLICATE														
Sample ID		SB21	SB21	SB22	SB22	SB23	SB23	SB24	SB24	SB25	SB25	SB26	SB26	SB27	SB27	SB28	SB28	DUP 1 (SB26)																		
Depth (feet)		0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'																		
Sample Date		11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012																		
Sample Time		1038	1038	1044	1044	1055	1055	1059	1059	1102	1102	1106	1106	1111	1111	1114	1114	1106																		
Ohio VAP/DC Construction/Excavation		Ohio VAP Generic DC Standard-Industrial Soil																																		
Polynuclear Aromatic Hydrocarbons (PAH) - mg/kg																																				
2-Methylnaphthalene	5,200	6,000	5.7		0.0510		0.0840		0.0710	U	0.0730	U	0.0290	U	0.0920		0.0080		0.0440		0.0210		0.0420		0.1200		0.0880	U	0.0290	U	0.0410		0.0490		0.0140	
Acenaphthene	780,000	90,000	34.0		0.0730		0.2900		0.3200		0.3600	U	0.0540		0.1400		0.0075	U	0.1300		0.0660		0.1200		0.9900		0.5000		0.0290	U	0.0480		0.0190	U	0.0260	
Acenaphthylene	780,000	90,000	1.8	U	0.0072	U	0.0520	U	0.0710		0.0730	U	0.0290	U	0.0290	U	0.0075	U	0.0300	U	0.0072	U	0.0290	U	0.0720	U	0.0940		0.0290	U	0.0140	U	0.0190	U	0.0073	U
Anthracene	1,000,000	450,000	62.0		0.1300		0.6900		1.0000		0.9000		0.1300		0.3300		0.0160		0.3000		0.1500		0.2800		1.9000		1.3000		0.0290	U	0.1100		0.0310		0.0630	
Benzo[a]anthracene	1,200	58	200.0		0.3300		4.1000		3.6000		5.4000		0.4600		0.7400		0.0440		1.3000		0.5600		1.1000		3.2000		7.3000		0.0740		0.6000		0.0790		0.1900	
Benzo[a]pyrene	120	5.8	160.0		0.2500		4.0000		4.3000		5.5000		0.4500		0.6300		0.0360		1.2000		0.4400		1.2000		2.4000		7.8000		0.0750		0.5400		0.0780		0.1500	
Benzo[g,h,i]perylene	390,000	45,000	78.0		0.1500		2.7000		2.5000		3.4000		0.2200		0.2800		0.0270		0.6800		0.2900		0.5700		1.3000		5.0000		0.0430		0.3600		0.0440		0.1000	
Benzo[k]fluoranthene	12,000	580.0	74.0		0.1800		2.9000		1.6000		3.9000		0.2600		0.3200		0.0240		0.7500		0.1800		0.5100		1.7000		4.1000		0.0630		0.4200		0.0300		0.0690	
Chrysene	120,000	5,800	230.0		0.3300		4.0000		4.8000		5.2000		0.5800		0.8000		0.0500		1.4000		0.6000		1.4000		3.1000		8.0000		0.1100		0.6500		0.1100		0.2100	
Dibenz[a,h]anthracene	120	5.8	15.0		0.0430		0.6900		0.7300		0.8300		0.0290	U	0.0290	U	0.0075	U	0.1800		0.0770		0.2100		0.3900		1.2000		0.0290	U	0.0890		0.0190	U	0.0250	
Fluoranthene	160,000	60,000	360.0		0.7000		8.1000		8.3000		11.0000		1.2000		1.7000		0.0830		2.9000		1.4000		2.6000		8.1000		15.0000		0.1900		1.4000		0.1700		0.3900	
Fluorene	520,000	60,000	30.0		0.0540		0.2400		0.2600		0.2900		0.0460		0.1500		0.0075	U	0.1200		0.0590		0.1200		1.4000		0.4500		0.0290	U	0.0400		0.0190	U	0.0220	
Indeno[1,2,3-cd]pyrene	1,200	58	72.0		0.1300		2.5000		1.9000		3.2000		0.1800		0.2400		0.0200		0.5800		0.2800		0.5800		1.2000		4.4000		0.0330		0.0340		0.0340		0.0840	
Naphthalene	560	450	5.1		0.0280		0.0620		0.0710	U	0.0730	U	0.0290	U	0.0600		0.0075	U	0.0310		0.0120		0.0290		0.0980		0.0880	U	0.0290	U	0.0250		0.0260		0.0090	
Phenanthrene	1,000,000	450,000	360.0		0.5600		3.6000		3.6000		4.2000		0.6600		1.4000		0.0670		1.6000		0.8000		1.4000		8.7000		5.9000		0.0970		0.6500		0.1300		0.2800	
Pyrene	390,000	45,000	400.0		0.5000		6.7000		6.7000		9.0000		0.9000		1.3000		0.0680		2.2000		1.0000		2.0000		6.3000		12.0000		0.1700		1.0000		0.1400		0.3100	

Notes:
U = indicates analyte not detected at indicated reporting limit (RL)
mg/ kg = milligrams per kilogram
All laboratory data provided by Test America Laboratories
Highlighted values exceed one or more screening level concentrations

J - value qualified due to concentration being below quantitation limit, or due to QA/QC data outside of control limits
VAP - Ohio Voluntary Action Program
VAP Construction - Ohio VAP generic risk based standard for direct contact exposure by a construction worker specified in OAC 3745-300-08-D (August 2014)
Direct Contact Ind. - Ohio VAP generic risk based standard for direct contact exposure via an industrial use scenario specified in OAC 3745-300-08-C (August 2014)

ANALYTICAL TABLE G-2
SUMMARY OF VOCs IN SOIL (mg/kg)
FORMER MANSFIELD STAMPING PLANT

Sample Location			IA-1-1	IA-1-1	IA-1-2	IA-1-2	IA-1-3	IA-1-3	IA-1-4	IA-1-4	IA-1-5	IA-1-5	IA-1-6	IA-2-1	IA-2-2	Duplicate	IA-2-2	IA-2-3	IA-2-3							
Sample ID			SB11-SSA-2-0411	SB11-SSA-4-0411	SB12-SSA-2-0411	SB12-SSA-4-0411	SB13-SSA-2-0411	SB13-SSA-4-0411	SB14-SSA-2-0411	SB14-SSA-4-0411	SB15-SSA-2-0411	SB15-SSA-4-0411	SB16-SSA-15-0411	SB21-FTF-20-0411	SB22-FTF-1520-0411	SBDUP2	SB22-FTF-2022-0411	SB23-FTF-7510-0411	SB23-FTF-1012-0411							
Depth (feet)			0' - 2.5'	2.5' - 5'	0' - 2.5'	2.5' - 5-	0' - 2.5'	2.5' - 5-	0' - 2.5'	2.5' - 5-	0' - 2.5'	2.5' - 5'	15'	20'	15' - 20'	15' - 20'	20' - 22.5'	7.5' - 10'	10' - 12.5'							
Sample Date			4/5/2011	4/5/2011	4/5/2011	4/5/2011	4/5/2011	4/5/2011	4/5/2011	4/5/2011	4/5/2011	4/5/2011	4/5/2011	4/7/2011	4/8/2011	4/8/2011	4/8/2011	4/8/2011	4/8/2011							
Sample Time			1015	1015	1040	1040	1140	1140	1105	1105	1127	1127	0900	1558	1000	1000	1012	1105	1115							
	Ohio VAP DC Construction/ Excavation	Ohio VAP Generic DC Standard-- Industrial Soil	IA-1 SNOW STAGING AREA																							
VOCs - mg/kg																										
Acetone	110,000	110,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.022	J,B	0.029	B	0.066	B	0.069	B	0.019	J,B	0.031	B	0.0160	J,B
Benzene	1,200	140	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.00082	J	0.0056	U	0.0057	U	0.0062	U	0.0058	U	0.0058	U	0.0059	U
Bromodichloromethane	300	35	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0058	U	0.0058	U	0.0059	U
Bromoform	130,000	6,200	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0058	U	0.0058	U	0.0059	U
Bromomethane	550	82	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0110	U	0.0110	U	0.0110	U	0.0120	U	0.0120	U	0.0120	U	0.0120	U
2-Butanone	28,000	28,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0230	U	0.0220	U	0.0094	J	0.0079	J	0.0230	U	0.0030	J	0.0240	U
Carbon disulfide	740	740	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0015	J	0.0008	J	0.0015		0.0062	U	0.0010	J	0.0058	U	0.0059	U
Carbon tetrachloride	460	79	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0058	U	0.0058	U	0.0059	U
Chlorobenzene	760	760	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0058	U	0.0058	U	0.0059	U
Dibromochloromethane	770	84	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0058	U	0.0058	U	0.0059	U
Chloroethane	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0110	U	0.0110	U	0.0110	U	0.0120	U	0.0120	U	0.0120	U	0.0120	U
Chloroform	320	38	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0058	U	0.0058	U	0.0059	U
Chloromethane	1,300	1,300	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	J	0.0110	U	0.0110	U	0.0120	U	0.0120	U	0.0120	U	0.0120	U
1,2-Dibromo-3-chloro-propane	15	1.7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.1100	U	0.0110	U	0.1100	U	0.0120	U	0.1200	U	0.0580	U	0.0120	U
1,2-Dibromoethane	38	4.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0058	U	0.0058	U	0.0059	U
1,2-Dichlorobenzene	380	380	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0580	U	0.0290	U	0.0059	U
1,3-Dichlorobenzene	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0580	U	0.0290	U	0.0059	U
1,4-Dichlorobenzene	2,600	310	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0580	U	0.0290	U	0.0059	U
Dichlorodifluoromethane	850	850	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0011	U	0.0110	U	0.0110	U	0.0120	U	0.0120	U	0.0120	U	0.0120	U
1,1-Dichloroethane	1,700	420	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0058	U	0.0058	U	0.0059	U
1,2-Dichloroethane	480	56	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0058	U	0.0058	U	0.0059	U
cis-1,2-Dichloroethene	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0028	U	0.0028	U	0.0028	U	0.0031	U	0.0029	U	0.0029	U	0.0030	U
trans-1,2-Dichloroethene	1,700	1,700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0028	U	0.0028	U	0.0028	U	0.0031	U	0.0029	U	0.0029	U	0.0030	U
1,1-Dichloroethene	360	1,200	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0058	U	0.0058	U	0.0059	U
1,2-Dichloropropane	180	120	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0058	U	0.0058	U	0.0059	U
cis-1,3-Dichloropropene	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0058	U	0.0058	U	0.0059	U
trans-1,3-Dichloropropene	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0058	U	0.0058	U	0.0059	U
Ethylbenzene	480	480	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0058	U	0.0058	U	0.0059	U
n-Hexane	140	140	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0058	U	0.0058	U	0.0059	U
2-Hexanone	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.23	U	0.0220	U	0.0230	U	0.0010	J,B	0.0230	U	0.0230	U	0.0240	U
Isopropylbenzene	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0058	U	0.0058	U	0.0059	U
Methylene chloride	3,300	3,300	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0071	B	0.0092	B	0.0074	B	0.0044	J,B	0.0039	J,B	0.0056	J,B	0.0044	J
4-Methyl-2-pentanone	3,400	3,400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.23	U	0.022	U	0.023	U	0.025	U	0.023	U	0.023	U	0.0240	U
Methyl tert-butyl ether	8,900	5,700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.023	U	0.022	U	0.023	U	0.025	U	0.023	U	0.023	U	0.0240	U
Styrene	870	870	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0058	U	0.0058	U	0.0059	U
1,1,2,2-Tetrachloroethane	670	75	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.058	U	0.029	U	0.0059	U
Tetrachloroethene	170	170	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0058	U	0.0058	U	0.0059	U
Toluene	820	820	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0058	U	0.0058	U	0.0059	U
1,2,4-Trichloro-benzene	400	400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.00051	J,B	0.058	U	0.029	U	0.0059	U
1,1,1-Trichloroethane	640	640	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0058	U	0.0058	U	0.0059	U
1,1,2-Trichloroethane	1,200	140	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0058	U	0.0058	U	0.0059	U
Trichloroethene	17	51	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057	U	0.0056	U	0.0057	U	0.0062	U	0.0058	U	0.0058	U	0.0059	U
Trichlorofluoromethane	1,200	1,200	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.011	U	0.011	U	0.011	U	0.012	U	0.012	U	0.012	U	0.0120	U
Vinyl chloride	280	50	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0023	U	0.0022	U	0.0023	U	0.0025	U	0.0023	U	0.0023	U	0.0024	U
Xylenes (total)	260	260	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0057													

Notes:
NS = Not sampled
U = indicates analyte not detected at indicated reporting limit (RL)
NE = No screening level concentration established
mg/ kg = milligrams per kilogram
All laboratory data provided by Test America Laboratories
VOC = volatile organic compound

J - value qualified due to concentration being below quantitation limit, or due to QA/QC data outside of control limits
B - value qualified due to detection of analyte in one or more associated laboratory blanks
VAP - Ohio Voluntary Action Program
VAP Construction - Ohio VAP generic risk based standard for direct contact exposure by a construction worker specified in OAC 3745-300-08-D (August, 2014)
Direct Contact Ind. - Ohio VAP generic risk based standard for direct contact exposure via an industrial use scenario specified in OAC 3745-300-08-C (August, 2014)

TABLE G2 (CONTINUED)
SUMMARY OF VOCS IN SOIL (mg/kg)
FORMER MANSFIELD STAMPING PLANT

Sample Location	IA-3-1	IA-3-1	IA-3-2	IA-4-1	IA-4-1	IA-4-2	IA-4-2	IA-4-3	IA-4-3	IA-4-3	IA-4-3	IA-4-4	IA-4-5	IA-4-5	IA-4-5	IA-4-6	IA-4-7	IA-4-8	IA-4-8	IA-4-9	IA-4-9																									
Sample ID	SB31-UST-2730-0411	SB31-UST-3032-0411	SB32-UST-1720-0411	SB41-OLD-255-0411	SB41-OLD-1215-0411	SB42-OLD-0710-0411	SB42-OLD-1720-0411	SB43-OLD-025-0411	SB43-OLD-1725-0411	SB43A-255-0511	SB43A-0510-0511	SB44-OLD-1720-0411	SB45-OLD-255-0411	SB45-OLD-1012-0411	SB45-OLD-2730-0411	SB46-OLD-1215-0411	SB47-OLD-1720-0411	SB48-255-0511	SB48-510-0511	SB49-05-0511	SB49-510-0511																									
Depth (feet)	27.5' - 30'	30' - 32.5'	17.5' - 20'	2.5' - 5'	12.5' - 15'	7.5' - 10'	14.5' - 20'	2.5' - 5'	17.5' - 20'	2.5' - 5'	5' - 10'	17.5' - 20'	2.5' - 5'	10' - 12.5'	27.5' - 30'	12.5' - 15'	17.5' - 20'	2.5' - 5'	5' - 10'	5' - 10'																										
Sample Date	4/12/2011	4/12/2011	4/12/2011	4/11/2011	4/11/2011	4/11/2011	4/11/2011	4/11/2011	4/11/2011	5/12/2011	5/12/2011	4/8/2011	4/11/2011	4/11/2011	4/11/2011	4/12/2011	4/12/2011	5/12/2011	5/12/2011	5/12/2011	5/12/2011																									
Sample Time	1318	1336	1133	1407	1416	1520	1533	1148	1205	1154	1203	1452	1029	1046	1107	1002	0901	10135	1040	1115	1120																									
	Ohio VAP/DC Construction/Excavation	Ohio VAP/DC Construction/Excavation	Ohio VAP/DC Construction/Excavation	Ohio VAP/DC Construction/Excavation	Ohio VAP/DC Construction/Excavation	Ohio VAP/DC Construction/Excavation	Ohio VAP/DC Construction/Excavation	Ohio VAP/DC Construction/Excavation	Ohio VAP/DC Construction/Excavation	Ohio VAP/DC Construction/Excavation	Ohio VAP/DC Construction/Excavation	Ohio VAP/DC Construction/Excavation	Ohio VAP/DC Construction/Excavation	Ohio VAP/DC Construction/Excavation	Ohio VAP/DC Construction/Excavation	Ohio VAP/DC Construction/Excavation	Ohio VAP/DC Construction/Excavation	Ohio VAP/DC Construction/Excavation	Ohio VAP/DC Construction/Excavation	Ohio VAP/DC Construction/Excavation	Ohio VAP/DC Construction/Excavation																									
IA-3 SUSPECTED/FORMER AST/UST																																														
VOCs - mg/kg	110,000	110,000	0.0220	U	0.0087	J,B	0.0200	J,B	0.0640	B	0.0210	J,B	0.1700	B	0.0110	J,B	0.0530	B	0.0290	B	0.0230	U	0.0200	J	0.1200	B	0.0690	B	0.0490	B	0.0160	J,B	0.0210	J,B	0.0120	J,B	0.0570		0.0570		0.0220	U	0.1000			
Acetone	110,000	110,000	0.0220	U	0.0087	J,B	0.0200	J,B	0.0640	B	0.0210	J,B	0.1700	B	0.0110	J,B	0.0530	B	0.0290	B	0.0230	U	0.0200	J	0.1200	B	0.0690	B	0.0490	B	0.0160	J,B	0.0210	J,B	0.0120	J,B	0.0570		0.0570		0.0220	U	0.1000			
Benzene	1,200	140	0.0055	U	0.0057	U	0.0006	J	0.0003	J	0.0058	U	0.0071	U	0.0057	U	0.0004	J	0.0056	U	0.0057	U	0.0061	U	0.0058	U	0.0003	J	0.0056	U	0.0058	U	0.0058	U	0.0057	U	0.0055	U	0.0057	U	0.0055	U	0.0057	U		
Bromodichloromethane	300	35	0.0055	U	0.0057	U	0.0057	U	0.0056	U	0.0058	U	0.0071	U	0.0057	U	0.0063	U	0.0056	U	0.0057	U	0.0061	U	0.0058	U	0.0057	U	0.0056	U	0.0058	U	0.0058	U	0.0057	U	0.0055	U	0.0057	U	0.0055	U	0.0057	U		
Bromoform	130,000	6,200	0.0055	U	0.0057	U	0.0290	U	0.0056	U	0.2900	U	0.0071	U	0.0057	U	0.0063	U	0.0056	U	0.0057	U	0.0061	U	0.0058	U	0.0057	U	0.0056	U	0.0058	U	0.0058	U	0.0057	U	0.0055	U	0.0057	U	0.0055	U	0.0057	U		
Bromomethane	550	82	0.0110	U	0.0110	U	0.0110	U	0.0110	U	0.0120	U	0.0140	U	0.0110	U	0.0130	U	0.0110	U	0.0120	U	0.0110	U	0.0120	U	0.0110	U	0.0110	U	0.0110	U	0.0120	U	0.0110	U	0.0110	U	0.0110	U	0.0110	U	0.0110	U		
2-Butanone	28,000	28,000	0.0220	U	0.0230	U	0.0230	U	0.0230	U	0.0230	U	0.0360	U	0.0230	U	0.0250	U	0.0220	U	0.0230	U	0.0230	U	0.0240	U	0.0100	J	0.0082	J	0.0097	J	0.0230	U	0.0230	U	0.0230	U	0.0220	U	0.0230	U	0.0220	U	0.0160	J
Carbon disulfide	740	740	0.0055	U	0.0057	U	0.0017	J	0.0013	J	0.0009	J	0.0071	U	0.0057	U	0.0063	U	0.0026	J	0.0057	U	0.0061	U	0.0058	U	0.0013	J	0.0013	J	0.0058	U	0.0013	J	0.0057	U	0.0076		0.0006	J	0.0055	U	0.0057	U		
Carbon tetrachloride	460	79	0.0055	U	0.0057	U	0.0057	U	0.0056	U	0.0058	U	0.0071	U	0.0057	U	0.0063	U	0.0056	U	0.0057	U	0.0061	U	0.0058	U	0.0057	U	0.0056	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.0055	U	0.0057	U	0.0055	U	0.0057	U
Chlorobenzene	760	760	0.0055	U	0.0057	U	0.0290	U	0.0056	U	0.2900	U	0.0071	U	0.0057	U	0.0063	U	0.2800	U	0.0057	U	0.0061	U	0.0058	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.0055	U	0.0057	U		
Dibromochloromethane	770	84	0.0055	U	0.0057	U	0.0290	U	0.0056	U	0.2900	U	0.0071	U	0.0057	U	0.0063	U	0.2800	U	0.0057	U	0.0061	U	0.0058	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.0055	U	0.0057	U		
Chloroethane	NE	NE	0.0110	U	0.0110	U	0.0110	U	0.0110	U	0.0120	U	0.0140	U	0.0110	U	0.0130	U	0.0110	U	0.0120	U	0.0110	U	0.0120	U	0.0110	U	0.0110	U	0.0110	U	0.0120	U	0.0110	U	0.0110	U	0.0110	U	0.0110	U	0.0110	U	0.0110	U
Chloroform	320	38	0.0055	U	0.0057	U	0.0057	U	0.0056	U	0.0058	U	0.0007	U	0.0057	U	0.0063	U	0.0056	U	0.0057	U	0.0061	U	0.0058	U	0.0057	U	0.0056	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.0055	U	0.0057	U	0.0055	U	0.0057	U
Chloromethane	1,300	1,300	0.0110	U	0.0110	U	0.0110	U	0.0110	U	0.0120	U	0.0140	U	0.0110	U	0.0130	U	0.0110	U	0.0120	U	0.0110	U	0.0120	U	0.0110	U	0.0110	U	0.0110	U	0.0120	U	0.0110	U	0.0110	U	0.0110	U	0.0110	U	0.0110	U	0.0110	U
1,2-Dibromo-3-chloro-propane	15	2	0.0110	U	0.0570	U	0.0570	U	0.0056	U	0.5700	U	0.0140	U	0.0570	U	0.0630	U	0.5500	U	0.0110	U	0.0120	U	0.0120	U	0.0570	U	0.0560	U	0.1200	U	0.1100	U	0.5600	U	0.5400	U	0.0110	U	0.0110	U	0.0110	U	0.0110	U
1,2-Dibromoethane	38	4	0.0055	U	0.0057	U	0.0290	U	0.0056	U	0.2900	U	0.0071	U	0.0057	U	0.0063	U	0.2800	U	0.0057	U	0.0061	U	0.0058	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.0055	U	0.0057	U		
1,2-Dichlorobenzene	380	380	0.0055	U	0.0290	U	0.0290	U	0.0280	U	0.2900	U	0.0071	U	0.0290	U	0.0310	U	0.2800	U	0.0057	U	0.0061	U	0.0058	U	0.0290	U	0.0280	U	0.0580	U	0.0580	U	0.0560	U	0.2800	U	0.2700	U	0.0057	U	0.0055	U	0.0057	U
1,3-Dichlorobenzene	NE	NE	0.0055	U	0.0290	U	0.0290	U	0.0280	U	0.2900	U	0.0071	U	0.0290	U	0.0310	U	0.2800	U	0.0057	U	0.0061	U	0.0058	U	0.0290	U	0.0280	U	0.0580	U	0.0560	U	0.2800	U	0.2700	U	0.0057	U	0.0055	U	0.0057	U		
1,4-Dichlorobenzene	2,600	310	0.0055	U	0.0290	U	0.0290	U	0.0280	U	0.2900	U	0.0071	U	0.0290	U	0.0310	U	0.2800	U	0.0057	U	0.0061	U	0.0058	U	0.0290	U	0.0280	U	0.0580	U	0.0560	U	0.2800	U	0.2700	U	0.0057	U	0.0055	U	0.0057	U		
Dichlorodifluoromethane	850	850	0.0110	U	0.0110	U	0.0110	U	0.0110	U	0.0120	U	0.0140	U	0.0110	U	0.0130	U	0.0110	U	0.0120	U	0.0110	U	0.0120	U	0.0110	U	0.0110	U	0.0110	U	0.0120	U	0.0110	U	0.0110	U	0.0110	U	0.0110	U	0.0110	U	0.0110	U
1,1-Dichloroethane	1,700	420	0.0055	U	0.0057	U	0.0057	U	0.0120	U	0.0240	U	0.0071	U	0.0057	U	0.0063	U	0.0056	U	0.0057	U	0.0061	U	0.0058	U	0.0057	U	0.0056	U	0.0058	U	0.0056	U	0.0057	U	0.0055	U	0.0057	U	0.0055	U	0.0057	U		
1,2-Dichloroethane	480	56	0.0055	U	0.0057	U	0.0057	U	0.0007	J	0.0058	U	0.0071	U	0.0057	U	0.0063	U	0.0056	U	0.0057	U	0.0061	U	0.0058	U	0.0057	U	0.0056	U	0.0058	U	0.0056	U	0.0057	U	0.0055	U	0.0057	U	0.0055	U	0.0057	U		
cis-1,2-Dichloroethene	NE	NE	0.0027	U	0.0029	U	0.0029	U	0.0028	U	0.0029	U	0.0035	U	0.0029	U	0.0031	U	0.0028	U	0.0029	U	0.0031	U	0.0029	U	0.0029	U	0.0028	U	0.0029	U	0.0028	U	0.0029	U	0.0028	U	0.0029	U	0.0028	U	0.0029	U	0.0028	U
trans-1,2-Dichloroethene	1,700	1,700	0.0027	U	0.0029	U	0.0029	U	0.0028	U	0.0029	U	0.0035	U	0.0029	U	0.0031	U	0.0028	U	0.0029	U	0.0031	U	0.0029	U	0.0029	U	0.0028	U	0.0029	U	0.0028	U	0.0029	U	0.0028	U	0.0029	U	0.0028	U	0.0029	U	0.0028	U
1,1-Dichloroethene	360	1,200	0.0055	U	0.0057	U	0.0057	U	0.0056	U	0.0058	U	0.0071	U	0.0057	U	0.0063	U	0.0056	U	0.0057	U	0.0061	U	0.0058	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.0055	U	0.0057	U		
1,2-Dichloropropane	180	120	0.0055	U	0.0057	U	0.0057	U	0.0056	U	0.0058	U	0.0071	U	0.0057	U	0.0063	U	0.0056	U	0.0057	U	0.0061	U	0.0058	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.0056	U	0.0058	U	0.0057	U	0.0055	U	0.0057	U		
cis-1,3-Dichloropropene	NE	NE	0.0055	U	0.0057	U	0.0057	U	0.0056	U	0.005																																			

TABLE G2 (CONTINUED)
SUMMARY OF VOCs IN SOIL (mg/kg)
FORMER MANSFIELD STAMPING PLANT

Sample Location		IA-5-1	IA-5-2	IA-5-3	IA-5-4	Landfill	Landfill	Composite	IA-6-1	Duplicate	IA-6-2	IA-6-2	IA-6-3	IA-6-3	IA-6-4	Duplicate	IA-6-5	IA-6-5	IA-6-6	IA-6-6	IA-6-7	IA-6-8	IA-6-8	IA-6-9	IA-6-9		
Sample ID	SB51-LAN-25-0411	SB52-LAN-25-0411	SB53-LAN-22-0411	SB54-LAN-5-0411	LANDFILL BORING	LANDFILL-1	LANDFILL-2	LANDFILL-3	LANDFILL-4	SB61-CSA-2225-0411	SB62-CSA-02-0411	SB62-CSA-02-0411	SB63-CSA-02-0411	SB63-CSA-02-0411	SB64-CSA-04-0411	DUP0413	SB65-CSA-02-0411	SB65-CSA-04-0411	SB66-CSA-02-0411	SB66-CSA-04-0411	SB67-CSA-04-0411	SB68-CSA-02-0411	SB68-CSA-04-0411	SB69-CSA-02-0411	SB69-CSA-04-0411		
Depth (feet)	25'	25'	22'	5'						22.5' - 25'	22.5' - 25'	0' - 2.5'	2.5' - 5'	0' - 2.5'	2.5' - 5'	2.5' - 5'	0' - 2.5'	2.5' - 5'	0' - 2.5'	2.5' - 5'	2.5' - 5'	0' - 2.5'	2.5' - 5'	0' - 2.5'	2.5' - 5'		
Sample Date	4/6/2011	4/6/2011	4/6/2011	4/6/2011	4/13/2011	5/16/2011	5/16/2011	5/16/2011	5/16/2011	4/12/2011	4/12/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011		
Sample Time	1058	1212	1430	1515	1458	0930				1441	1441	1304	1304	1310	1310	1316	1321	1321	1325	1325	1340	1336	1336	1331	1331		
Ohio VAP-DC Construction Excavation		Ohio VAP-DC Construction Excavation		Ohio VAP-DC Construction Excavation		Ohio VAP-DC Construction Excavation		Ohio VAP-DC Construction Excavation		Ohio VAP-DC Construction Excavation		Ohio VAP-DC Construction Excavation		Ohio VAP-DC Construction Excavation		Ohio VAP-DC Construction Excavation		Ohio VAP-DC Construction Excavation		Ohio VAP-DC Construction Excavation		Ohio VAP-DC Construction Excavation		Ohio VAP-DC Construction Excavation			
IA-5 SOIL (PILE/SLOPE/FILL AREA)		IA-5 SOIL (PILE/SLOPE/FILL AREA)		IA-5 SOIL (PILE/SLOPE/FILL AREA)		IA-5 SOIL (PILE/SLOPE/FILL AREA)		IA-5 SOIL (PILE/SLOPE/FILL AREA)		IA-5 SOIL (PILE/SLOPE/FILL AREA)		IA-5 SOIL (PILE/SLOPE/FILL AREA)		IA-5 SOIL (PILE/SLOPE/FILL AREA)		IA-5 SOIL (PILE/SLOPE/FILL AREA)		IA-5 SOIL (PILE/SLOPE/FILL AREA)		IA-5 SOIL (PILE/SLOPE/FILL AREA)		IA-5 SOIL (PILE/SLOPE/FILL AREA)		IA-5 SOIL (PILE/SLOPE/FILL AREA)			
VOCs - mg/kg		VOCs - mg/kg		VOCs - mg/kg		VOCs - mg/kg		VOCs - mg/kg		VOCs - mg/kg		VOCs - mg/kg		VOCs - mg/kg		VOCs - mg/kg		VOCs - mg/kg		VOCs - mg/kg		VOCs - mg/kg		VOCs - mg/kg		VOCs - mg/kg	
Acetone	110,000	110,000	0.0230	J.B	0.0230	J.B	0.0230	B	0.0180	J.B	0.0100	J.B	0.0240	U	0.0240	U	0.0230	U	0.0024	U	NS	NS	NS	NS	NS	NS	
Benzene	1,200	140	0.0060	U	0.0059	U	0.0057	U	0.0062	U	0.0058	U	0.0061	U	0.0059	U	0.0058	U	0.0060	U	NS	NS	NS	NS	NS	NS	
Bromodichloromethane	300	35	0.0060	U	0.0059	U	0.0057	U	0.0062	U	0.0058	U	0.0061	U	0.0059	U	0.0058	U	0.0060	U	NS	NS	NS	NS	NS	NS	
Bromoform	130,000	6,200	0.0060	U	0.0059	U	0.0057	U	0.0062	U	0.0058	U	0.0061	U	0.0059	U	0.0058	U	0.0060	U	NS	NS	NS	NS	NS	NS	
Bromomethane	550	82	0.0120	U	0.0120	U	0.0110	U	0.0120	U	0.0120	U	0.0120	U	0.0120	U	0.0120	U	0.0120	U	NS	NS	NS	NS	NS	NS	
2-Butanone	28,000	28,000	0.0240	U	0.0240	U	0.0021	J	0.0250	U	0.0230	U	0.0240	U	0.0240	U	0.0230	U	0.0240	U	NS	NS	NS	NS	NS	NS	
Carbon disulfide	740	740	0.0011	J	0.0059	U	0.0011	J	0.0062	U	0.0009	J	0.0061	U	0.0059	U	0.0058	U	0.0060	U	NS	NS	NS	NS	NS	NS	
Carbon tetrachloride	460	79	0.0060	U	0.0059	U	0.0057	U	0.0062	U	0.0058	U	0.0061	U	0.0059	U	0.0058	U	0.0060	U	NS	NS	NS	NS	NS	NS	
Chlorobenzene	760	760	0.0060	U	0.0059	U	0.0057	U	0.0062	U	0.0058	U	0.0061	U	0.0059	U	0.0058	U	0.0060	U	NS	NS	NS	NS	NS	NS	
Dibromochloromethane	770	84	0.0060	U	0.0059	U	0.0057	U	0.0062	U	0.0058	U	0.0061	U	0.0059	U	0.0058	U	0.0060	U	NS	NS	NS	NS	NS	NS	
Chloroethane	NE	NE	0.0120	U	0.0120	U	0.0110	U	0.0120	U	0.0120	U	0.0120	U	0.0120	U	0.0120	U	0.0120	U	NS	NS	NS	NS	NS	NS	
Chloroform	320	38	0.0060	U	0.0059	U	0.0057	U	0.0062	U	0.0058	U	0.0061	U	0.0059	U	0.0058	U	0.0060	U	NS	NS	NS	NS	NS	NS	
Chloromethane	1,300	1,300	0.0120	U	0.0120	U	0.0110	U	0.0120	U	0.0120	U	0.0120	U	0.0120	U	0.0120	U	0.0120	U	NS	NS	NS	NS	NS	NS	
1,2-Dibromo-3-chloro-propane	15	2	0.6000	U	0.0120	U	0.5700	U	0.0120	U	0.1200	U	0.0120	U	0.0120	U	0.0120	U	0.0120	U	NS	NS	NS	NS	NS	NS	
1,2-Dibromoethane	38	4	0.0060	U	0.0059	U	0.0057	U	0.0062	U	0.0058	U	0.0061	U	0.0059	U	0.0058	U	0.0060	U	NS	NS	NS	NS	NS	NS	
1,2-Dichlorobenzene	360	380	0.3000	U	0.0059	U	0.2800	U	0.0062	U	0.0580	U	0.0061	U	0.0059	U	0.0058	U	0.0060	U	NS	NS	NS	NS	NS	NS	
1,3-Dichlorobenzene	NE	NE	0.3000	U	0.0059	U	0.2800	U	0.0062	U	0.0580	U	0.0061	U	0.0059	U	0.0058	U	0.0060	U	NS	NS	NS	NS	NS	NS	
1,4-Dichlorobenzene	2,600	310	0.3000	U	0.0059	U	0.2800	U	0.0062	U	0.0580	U	0.0061	U	0.0059	U	0.0058	U	0.0060	U	NS	NS	NS	NS	NS	NS	
Dichlorodifluoromethane	850	850	0.0120	U	0.0120	U	0.0110	U	0.0120	U	0.0120	U	0.0120	U	0.0120	U	0.0120	U	0.0120	U	NS	NS	NS	NS	NS	NS	
1,1-Dichloroethane	1,700	420	0.0060	U	0.0059	U	0.0057	U	0.0062	U	0.0058	U	0.0061	U	0.0059	U	0.0058	U	0.0060	U	NS	NS	NS	NS	NS	NS	
1,2-Dichloroethane	460	56	0.0060	U	0.0059	U	0.0057	U	0.0062	U	0.0058	U	0.0061	U	0.0059	U	0.0058	U	0.0060	U	NS	NS	NS	NS	NS	NS	
cis-1,2-Dichloroethene	NE	NE	0.0030	U	0.0030	U	0.0029	U	0.0031	U	0.0029	U	0.0031	U	0.0029	U	0.0029	U	0.0030	U	NS	NS	NS	NS	NS	NS	
trans-1,2-Dichloroethene	1,700	1,700	0.0030	U	0.0030	U	0.0029	U	0.0031	U	0.0029	U	0.0031	U	0.0029	U	0.0029	U	0.0030	U	NS	NS	NS	NS	NS	NS	
1,1-Dichloroethene	360	1,200	0.0060	U	0.0059	U	0.0057	U	0.0062	U	0.0058	U	0.0061	U	0.0059	U	0.0058	U	0.0060	U	NS	NS	NS	NS	NS	NS	
1,2-Dichloropropane	160	120	0.0060	U	0.0059	U	0.0057	U	0.0062	U	0.0058	U	0.0061	U	0.0059	U	0.0058	U	0.0060	U	NS	NS	NS	NS	NS	NS	
cis-1,3-Dichloropropene	NE	NE	0.0060	U	0.0059	U	0.0057	U	0.0062	U	0.0058	U	0.0061	U	0.0059	U	0.0058	U	0.0060	U	NS	NS	NS	NS	NS	NS	
trans-1,3-Dichloropropene	NE	NE	0.0060	U	0.0059	U	0.0057	U	0.0062	U	0.0058	U	0.0061	U	0.0059	U	0.0058	U	0.0060	U	NS	NS	NS	NS	NS	NS	
Ethylbenzene	480	480	0.0060	U	0.0059	U	0.0057	U	0.0062	U	0.0058	U	0.0061	U	0.0059	U	0.0058	U	0.0060	U	NS	NS	NS	NS	NS	NS	
n-Hexane	140	140	0.0060	U	0.0059	U	0.0057	U	0.0062	U	0.0058	U	0.0061	U	0.0059	U	0.0058	U	0.0060	U	NS	NS	NS	NS	NS	NS	
2-Hexanone	NE	NE	0.0240	U	0.0240	U	0.0230	U	0.0250	U	0.0230	U	0.0240	U	0.0240	U	0.0230	U	0.0240	U	NS	NS	NS	NS	NS	NS	
Isopropylbenzene	NE	NE	0.0060	U	0.0059	U	0.0057	U	0.0062	U	0.0058	U	0.0061	U	0.0059	U	0.0058	U	0.0060	U	NS	NS	NS	NS	NS	NS	
Methylene chloride	3,300	3,300	0.0055	J.B	0.0058	J.B	0.0046	J.B	0.0095	B	0.0098	B	0.0130	B	0.0230	B	0.0250	B	0.0180	B	NS	NS	NS	NS	NS	NS	
4-Methyl-2-pentanone	3,400	3,400	0.0240	U	0.0240	U	0.0230	U	0.0250	U	NS		0.0240	U	0.0240	U	0.0230	U	0.0240	U	NS	NS	NS	NS	NS	NS	
Methyl tert-butyl ether	8,900	5,700	0.0240	U	0.0240	U	0.0230	U	0.0250	U	0.0230	U	0.0240	U	0.0240	U	0.0230	U	0.0240	U	NS	NS	NS	NS	NS	NS	
Styrene	870	870	0.0060	U	0.0059	U	0.0057	U	0.0062	U	0.0058	U	0.0061	U	0.0059	U	0.0058	U	0.0060	U	NS	NS	NS	NS	NS	NS	
1,1,2,2-Tetrachloroethane	670	75	0.3000	U	0.0059	U	0.2800	U	0.0062	U	0.0580	U	0.0061	U	0.0059	U	0.0058	U	0.0060	U	NS	NS	NS	NS	NS	NS	
Tetrachloroethene	170	170	0.0060	U	0.0059	U	0.0057	U	0.0062	U	0.0058	U	0.0061	U	0.0059	U	0.0058	U	0.0060	U	NS	NS	NS	NS	NS	NS	
Toluene	820	820	0.0060	U	0.0059	U	0.0057	U	0.0062	U	0.0058	U	0.0061	U	0.0059</												

Notes:
NS = Not sampled
U = Indicates analyte not detected at indicated reporting limit (RL)
NE = No screening level concentration established
mg/kg = milligrams per kilogram
All laboratory data provided by Tetra Tech Inc. Cincinnati, Ohio
VOC = volatile organic compound

J - value qualified due to concentration being below quantitation limit, or due to QA/QC data outside of control lin SVOC - semivolatile organic compounds
B - value qualified due to detection of analyte in one or more associated laboratory blanks
VAP - Ohio Voluntary Action Program
VAP Construction - Ohio VAP generic risk based standard for direct contact exposure by a construction worker specified in OAC 3745-300-08-D (August, 2014)
Direct Contact Ind. - Ohio VAP generic risk based standard for direct contact exposure via an industrial use scenario specified in OAC 3745-300-08-C (August

TABLE G2 (CONTINUED)
SUMMARY OF VOCs IN SOIL (mg/kg)
FORMER MANSFIELD STAMPING PLANT

Sample Location			IA-8-1		IA-10-1		IA-10-2		IA-10-3		IA-10-3		IA-10-4		-		-		IA-14-1		IA-14-2		IA-14-3	
Sample ID			SB410-2527-0511		SB101-HAZ-20-0411		SB102-HAZ-30-0411		SB103-HAZ-5-0411		SB103-HAZ-10-0411		SB104-HAZ-15-0411		BACKGROUND-13-0422		BACKGROUND-23-0422		SB91-NEW-2527-0411		SB92-NEW-2530-0411		SB93-NEW-2730-0411	
Depth (feet)			25' - 27.5'		20'		30'		5'		10'		15'		13'		23'		25' - 27.5'		25' - 30'		27.5' - 30'	
Sample Date			5/12/2011		4/5/2011		4/5/2011		4/7/2011		4/7/2011		4/7/2011		4/22/2011		4/22/2011		4/13/2011		4/13/2011		4/13/2011	
Sample Time			1345		1355		1612		931		940		1112		1000		1010		908		1014		1138	
			Ohio VAP DC Construction/Excavation	Ohio VAP Generic DC Standard--Industrial Soil	IA-8 STAINED FLOORING, FLOOR DRAINS, SUMPS*		IA-10 HAZARDOUS WASTE STORAGE								Background Samples		IA-14 EASTERN STORAGE YARD							
VOCs - mg/kg																								
Acetone	110,000	110,000	0.0210	J	0.0092	J,B	0.2	B	0.029	B	0.043	B	0.036	B	NS	NS	0.018	J,B	0.032	B	0.025	B		
Benzene	1,200	140	0.0056	U	0.0058	U	0.0058	U	0.006	U	0.00032	J	0.0061	U	NS	NS	0.0057	U	0.00056	J	0.002	J		
Bromodichloromethane	300	35	0.0056	U	0.0058	U	0.0058	U	0.006	U	0.0056	U	0.0061	U	NS	NS	0.0057	U	0.0056	U	0.0056	U		
Bromoform	130,000	6,200	0.0056	U	0.0058	U	0.0058	U	0.006	U	0.0056	U	0.0061	U	NS	NS	0.0057	U	0.056	U	0.056	U		
Bromomethane	550	82	0.0110	U	0.012	U	0.012	U	0.012	U	0.011	U	0.012	U	NS	NS	0.0028	J	0.011	U	0.011	U		
2-Butanone	28,000	28,000	0.0220	U	0.023	U	0.032		0.024	U	0.0033	J	0.0031	J	NS	NS	0.0026	J	0.022	U	0.022	U		
Carbon disulfide	740	740	0.0009	J	0.0058	U	0.0058	U	0.006	U	0.0021	J	0.0061	U	NS	NS	0.0023	J	0.0031	J	0.0043	J		
Carbon tetrachloride	460	79	0.0056	U	0.0058	U	0.0058	U	0.006	U	0.0056	U	0.0061	U	NS	NS	0.0057	U	0.0056	U	0.0056	U		
Chlorobenzene	760	760	0.0056	U	0.0058	U	0.0058	U	0.006	U	0.0056	U	0.0061	U	NS	NS	0.0057	U	0.056	U	0.056	U		
Dibromochloromethane	770	84	0.0056	U	0.0058	U	0.0058	U	0.006	U	0.0056	U	0.0061	U	NS	NS	0.0057	U	0.056	U	0.056	U		
Chloroethane	NE	NE	0.0110	U	0.0018	J	0.012	U	0.012	U	0.011	U	0.012	U	NS	NS	0.011	U	0.011	U	0.011	U		
Chloroform	320	38	0.0056	U	0.0058	U	0.0058	U	0.006	U	0.0056	U	0.0061	U	NS	NS	0.0057	U	0.0056	U	0.0056	U		
Chloromethane	1,300	1,300	0.0110	U	0.012	U	0.012	U	0.012	U	0.011	U	0.012	U	NS	NS	0.011	U	0.011	U	0.011	U		
1,2-Dibromo-3-chloro-propane	15	2	0.0560	U	0.0012	U	0.0012	U	0.012	U	0.11	U	0.012	U	NS	NS	0.11	U	0.11	U	0.11	U		
1,2-Dibromoethane	38	4	0.0056	U	0.0058	U	0.0058	U	0.006	U	0.0056	U	0.0061	U	NS	NS	0.0057	U	0.056	U	0.056	U		
1,2-Dichlorobenzene	380	380	0.0280	U	0.0058	U	0.0058	U	0.006	U	0.056	U	0.0061	U	NS	NS	0.057	U	0.056	U	0.056	U		
1,3-Dichlorobenzene	NE	NE	0.0280	U	0.0058	U	0.0058	U	0.006	U	0.056	U	0.0061	U	NS	NS	0.057	U	0.056	U	0.056	U		
1,4-Dichlorobenzene	2,600	310	0.0280	U	0.0058	U	0.0058	U	0.006	U	0.056	U	0.0061	U	NS	NS	0.057	U	0.056	U	0.056	U		
Dichlorodifluoromethane	850	850	0.0110	U	0.012	U	0.012	U	0.012	U	0.011	U	0.012	U	NS	NS	0.011	U	0.011	U	0.011	U		
1,1-Dichloroethane	1,700	420	0.0056	U	0.0058	U	0.0058	U	0.006	U	0.0056	U	0.0061	U	NS	NS	0.0057	U	0.0056	U	0.0056	U		
1,2-Dichloroethane	480	56	0.0056	U	0.0058	U	0.00043	J	0.00048	J	0.00067	J	0.00049	J	NS	NS	0.0057	U	0.0056	U	0.0056	U		
cis-1,2-Dichloroethene	NE	NE	0.0028	U	0.0029	U	0.0029	U	0.003	U	0.0028	U	0.003	U	NS	NS	0.0029	U	0.0028	U	0.0028	U		
trans-1,2-Dichloroethene	1,700	1,700	0.0028	U	0.0029	U	0.0029	U	0.003	U	0.0028	U	0.003	U	NS	NS	0.0029	U	0.0028	U	0.0028	U		
1,1-Dichloroethene	360	1,200	0.0056	U	0.0058	U	0.0058	U	0.006	U	0.0056	U	0.0061	U	NS	NS	0.0057	U	0.0056	U	0.0056	U		
1,2-Dichloropropane	180	120	0.0056	U	0.0058	U	0.0058	U	0.006	U	0.0056	U	0.0061	U	NS	NS	0.0057	U	0.0056	U	0.0056	U		
cis-1,3-Dichloropropene	NE	NE	0.0056	U	0.0058	U	0.0058	U	0.006	U	0.0056	U	0.0061	U	NS	NS	0.0057	U	0.0056	U	0.0056	U		
trans-1,3-Dichloropropene	NE	NE	0.0056	U	0.0058	U	0.0058	U	0.006	U	0.0056	U	0.0061	U	NS	NS	0.0057	U	0.056	U	0.056	U		
Ethylbenzene	480	480	0.0056	U	0.0058	U	0.0058	U	0.006	U	0.0056	U	0.0061	U	NS	NS	0.0057	U	0.056	U	0.056	U		
n-Hexane	140	140	0.0056	U	0.0058	U	0.0058	U	0.006	U	0.0056	U	0.0061	U	NS	NS	0.0057	U	0.0056	U	0.0056	U		
2-Hexanone	NE	NE	0.0220	U	0.023	U	0.023	U	0.024	U	0.022	U	0.024	U	NS	NS	0.023	U	0.22	U	0.22	U		
Isopropylbenzene	NE	NE	0.0056	U	0.0058	U	0.0058	U	0.006	U	0.0056	U	0.0061	U	NS	NS	0.0057	U	0.056	U	0.056	U		
Methylene chloride	3,300	3,300	0.0055	J,B	0.0055	J,B	0.0065	B	0.0098	B	0.046	B	0.011	B	NS	NS	0.0048	J,B	0.013	B	0.0089	B		
4-Methyl-2-pentanone	3,400	3,400	0.0220	U	0.023	U	0.023	U	0.024	U	0.022	U	0.024	U	NS	NS	0.023	U	0.22	U	NS			
Methyl tert-butyl ether	8,900	5,700	0.0220	U	0.023	U	0.023	U	0.024	U	0.022	U	0.024	U	NS	NS	0.023	U	0.022	U	0.022	U		
Styrene	870	870	0.0056	U	0.0058	U	0.0058	U	0.006	U	0.0056	U	0.0061	U	NS	NS	0.0057	U	0.056	U	0.056	U		
1,1,2,2-Tetrachloroethane	670	75	0.0280	U	0.0058	U	0.0058	U	0.006	U	0.056	U	0.0061	U	NS	NS	0.057	U	0.056	U	0.056	U		
Tetrachloroethene	170	170	0.0056	U	0.0058	U	0.0058	U	0.006	U	0.0056	U	0.0061	U	NS	NS	0.0057	U	0.056	U	0.056	U		
Toluene	820	820	0.0003	J,B	0.0058	U	0.00037	J	0.006	U	0.00035	J	0.0061	U	NS	NS	0.00045	J	0.056	U	0.056	U		
1,2,4-Trichloro-benzene	400	400	0.0280	U	0.0058	U	0.0058	U	0.006	U	0.056	U	0.0061	U	NS	NS	0.057	U	0.056	U	0.056	U		
1,1,1-Trichloroethane	640	640	0.0056	U	0.0058	U	0.0058	U	0.006	U	0.0056	U	0.0061	U	NS	NS	0.0057	U	0.0056	U	0.0056	U		
1,1,2-Trichloroethane	1,200	140	0.0056	U	0.0058	U	0.0058	U	0.006	U	0.0056	U	0.0061	U	NS	NS	0.0057	U	0.056	U	0.056	U		
Trichloroethene	17	51	0.0056	U	0.0058	U	0.0058	U	0.006	U	0.0056	U	0.0061	U	NS	NS	0.0057	U	0.0056	U	0.0056	U		
Trichlorofluoromethane	1,200	1,200	0.0110	U	0.012	U	0.012	U	0.012	U	0.011	U	0.012	U	NS	NS	0.011	U	0.011	U	0.011	U		
Vinyl chloride	280	50	0.0022	U	0.0023	U	0.0023	U	0.0024	U	0.0022	U	0.0024	U	NS	NS	0.0023	U	0.0022	U	0.0022	U		
Xylenes (total)	260	260	0.0056	U	0.0058	U	0.0058	U	0.006	U	0.0056	U	0.0061	U	NS	NS	0.0057	U	0.056	U	0.056	U		

Notes:
NS = Not sampled
U = the analyte was not detected above the listed reporting limit (RL)
NE = No screening level concentration established
mg/ kg = milligrams per kilogram
All laboratory data provided by Test America Laboratories
J - value qualified due to concentration being below quantitation limit, or due to QA/QC data outside of control limits
B - value qualified due to detection of analyte in one or more associated laboratory blanks
VAP - Ohio Voluntary Action Program
VAP Construction - Ohio VAP generic risk based standard for direct contact exposure by a construction worker specified in OAC 3745-300-08-D (August, 2014)
Direct Contact Ind. - Ohio VAP generic risk based standard for direct contact exposure via an industrial use scenario specified in OAC 3745-300-08-C (August, 2014)
*IA-8-1 is formerly IA-4-10
VOC = volatile organic compound

TABLE G2 (CONTINUED)
SUMMARY OF VOCs IN SOIL (mg/kg)
FORMER MANSFIELD STAMPING PLANT

Sample Location			IA-13-1	IA-13-2		IA-13-3		IA-13-4		IA-13-4		IA-13-5		IA-13-6		IA-13-7		IA-13-8		IA-13-9		IA-13-10		IA-13-11		IA-13-12		IA-13-13		
Sample ID			SB1-4-0613	SB2-4-0613		SB3-4-0613		SB4-3-0613		SB4-8-0613		SB5-3-0613		SB6-4-0613		SB7-4-0613		SB8-4-0613		SB9-6-0613		SB10-4-0613		SB11-3-0613		SB12-3-0613		SB13-4-0613		
Depth (feet)			4'	4'		4'		3'		8'		3'		4'		4'		4'		6'		4'		3'		3'		4'		
Sample Date			6/13/2013	6/13/2013		6/13/2013		6/13/2013		6/13/2013		6/13/2013		6/13/2013		6/13/2013		6/13/2013		6/13/2013		6/13/2013		6/13/2013		6/13/2013		6/13/2013		
Sample Time			1015	1040		1105		1130		1135		1155		1255		1315		1345		1410		1450		1510		1530		1555		
Ohio VAP/DC Construction Excavation Ohio VAP Generic DC Standard--Industrial Soil			IA-13 SOUTH TERRACE																											
			VOCs - mg/kg																											
Acetone	110,000	110,000	0.046		0.098		0.049		0.092		0.062		0.095		0.1		0.048		0.29		0.1		0.78		0.024	U	0.064	U	0.069	
Benzene	1,200	140	0.0055	U	0.0058	U	0.0063	U	0.0059	U	0.006	U	0.0056	U	0.0061	U	0.0058	U	0.0057	U	0.0063	U	0.012	U	0.0059	U	0.037		0.0057	U
Bromodichloromethane	300	35	0.0055	U	0.0058	U	0.0063	U	0.0059	U	0.006	U	0.0056	U	0.0061	U	0.0058	U	0.0057	U	0.0063	U	0.012	U	0.0059	U	0.016	U	0.0057	U
Bromoform	130,000	6,200	0.0055	U	0.0058	U	0.0063	U	0.0059	U	0.006	U	0.0056	U	0.0061	U	0.0058	U	0.0057	U	0.0063	U	0.012	U	0.0059	U	0.016	U	0.0057	U
Bromomethane	550	82	0.0011	U	0.012	U	0.013	U	0.012	U	0.012	U	0.011	U	0.012	U	0.012	U	0.011	U	0.013	U	0.024	U	0.012	U	0.032	U	0.011	U
2-Butanone	28,000	28,000	0.022	U	0.023	U	0.025	U	0.024	U	0.024	U	0.022	U	0.024	U	0.023	U	0.041		0.025	U	0.048	U	0.024	U	0.016	U	0.023	U
Carbon disulfide	740	740	0.0055	U	0.0058	U	0.0063	U	0.0059	U	0.006	U	0.0056	U	0.0061	U	0.0058	U	0.0057	U	0.0063	U	0.012	U	0.0059	U	0.064	U	0.0057	U
Carbon tetrachloride	460	79	0.0055	U	0.0058	U	0.0063	U	0.0059	U	0.006	U	0.0056	U	0.0061	U	0.0058	U	0.0057	U	0.0063	U	0.012	U	0.0059	U	0.016	U	0.0057	U
Chlorobenzene	760	760	0.0055	U	0.0058	U	0.0063	U	0.0059	U	0.006	U	0.0056	U	0.0061	U	0.0058	U	0.0057	U	0.0063	U	0.012	U	0.0059	U	0.016	U	0.0057	U
Dibromochloromethane	770	84	0.0055	U	0.0058	U	0.0063	U	0.0059	U	0.006	U	0.0056	U	0.0061	U	0.0058	U	0.0057	U	0.0063	U	0.012	U	0.0059	U	0.016	U	0.0057	U
Chloroethane	NE	NE	0.011	U	0.012	U	0.013	U	0.012	U	0.012	U	0.011	U	0.012	U	0.012	U	0.011	U	0.013	U	0.024	U	0.012	U	0.032	U	0.011	U
Chloroform	320	38	0.0055	U	0.0058	U	0.0063	U	0.0059	U	0.006	U	0.0056	U	0.0061	U	0.0058	U	0.0057	U	0.0063	U	0.012	U	0.0059	U	0.016	U	0.0057	U
Chloromethane	1,300	1,300	0.011	U	0.012	U	0.013	U	0.012	U	0.012	U	0.011	U	0.012	U	0.012	U	0.011	U	0.013	U	0.024	U	0.012	U	0.032	U	0.011	U
1,1-Dichloroethane	1,700	420	0.0055	U	0.0058	U	0.0063	U	0.0059	U	0.006	U	0.0056	U	0.0061	U	0.0058	U	0.0057	U	0.0063	U	0.012	U	0.0059	U	0.016	U	0.0057	U
1,2-Dichloroethane	480	56	0.0055	U	0.0058	U	0.0063	U	0.0059	U	0.006	U	0.0056	U	0.0061	U	0.0058	U	0.0057	U	0.0063	U	0.012	U	0.0059	U	0.016	U	0.0057	U
cis-1,2-Dichloroethene	NE	NE	0.0028	U	0.0029	U	0.0031	U	0.0029	U	0.003	U	0.0028	U	0.0031	U	0.0029	U	0.0029	U	0.031	U	0.006	U	0.003	U	0.008	U	0.0028	U
trans-1,2-Dichloroethene	1,700	1,700	0.0028	U	0.0029	U	0.0031	U	0.0029	U	0.003	U	0.0028	U	0.0031	U	0.0029	U	0.0029	U	0.031	U	0.006	U	0.003	U	0.008	U	0.0028	U
1,1-Dichloroethene	360	1,200	0.0055	U	0.0058	U	0.0063	U	0.0059	U	0.006	U	0.0056	U	0.0061	U	0.0058	U	0.0057	U	0.0063	U	0.012	U	0.0059	U	0.016	U	0.0057	U
1,2-Dichloropropane	180	120	0.0055	U	0.0058	U	0.0063	U	0.0059	U	0.006	U	0.0056	U	0.0061	U	0.0058	U	0.0057	U	0.0063	U	0.012	U	0.0059	U	0.016	U	0.0057	U
cis-1,3-Dichloropropene	NE	NE	0.0055	U	0.0058	U	0.0063	U	0.0059	U	0.006	U	0.0056	U	0.0061	U	0.0058	U	0.0057	U	0.0063	U	0.012	U	0.0059	U	0.016	U	0.0057	U
trans-1,3-Dichloropropene	NE	NE	0.0055	U	0.0058	U	0.0063	U	0.0059	U	0.006	U	0.0056	U	0.0061	U	0.0058	U	0.0057	U	0.0063	U	0.012	U	0.0059	U	0.016	U	0.0057	U
2-Hexanone	NE	NE	0.022	U	0.023	U	0.025	U	0.024	U	0.024	U	0.022	U	0.024	U	0.023	U	0.023	U	0.025	U	0.048	U	0.024	U	0.064	U	0.023	U
Methylene chloride	3,300	3,300	0.0055	U	0.011		0.0063	U	0.0072		0.006	U	0.0056	U	0.0089		0.0058	U	0.009		0.0063	U	0.021		0.0059		0.016	U	0.0057	U
4-Methyl-2-pentanone	3,400	3,400	0.022	U	0.023	U	0.025	U	0.024	U	0.024	U	0.022	U	0.024	U	0.023	U	0.023	U	0.025	U	0.048	U	0.024	U	0.064	U	0.023	U
Methyl tert-butyl ether	8,900	5,700	0.0055	U	0.0058	U	0.0063	U	0.0059	U	0.006	U	0.0056	U	0.0061	U	0.0058	U	0.0057	U	0.0063	U	0.012	U	0.0059	U	0.016	U	0.0057	U
Styrene	870	870	0.0055	U	0.0058	U	0.0063	U	0.0059	U	0.006	U	0.0056	U	0.0061	U	0.0058	U	0.0057	U	0.0063	U	0.012	U	0.0059	U	0.016	U	0.0057	U
1,1,2,2-Tetrachloroethane	670	75	0.0055	U	0.057	U	0.0063	U	0.0059	U	0.006	U	0.0056	U	0.062	U	0.0058	U	0.0057	U	0.0063	U	0.061	U	0.0059	U	0.016	U	0.0057	U
Tetrachloroethene	170	170	0.0055	U	0.0058	U	0.0063	U	0.0059	U	0.006	U	0.0056	U	0.0061	U	0.0058	U	0.0057	U	0.0063	U	0.012	U	0.0059	U	0.016	U	0.0057	U
Toluene	820	820	0.0055	U	0.0058	U	0.0063	U	0.0059	U	0.006	U	0.0056	U	0.0061	U	0.0058	U	0.0057	U	0.0063	U	0.012	U	0.0059	U	0.016	U	0.0057	U
1,1,1-Trichloroethane	640	640	0.0055	U	0.0058	U	0.0063	U	0.0059	U	0.006	U	0.0056	U	0.0061	U	0.0058	U	0.0057	U	0.0063	U	0.012	U	0.0059	U	0.016	U	0.0057	U
1,1,2-Trichloroethane	1,200	140	0.0055	U	0.0058	U	0.0063	U	0.0059	U	0.006	U	0.0056	U	0.0061	U	0.0058	U	0.0057	U	0.0063	U	0.012	U	0.0059	U	0.016	U	0.0057	U
Trichloroethene	17	51	0.0055	U	0.0058	U	0.0063	U	0.0059	U	0.006	U	0.0056	U	0.0061	U	0.0058	U	0.0057	U	0.0063	U	0.012	U	0.0059	U	0.016	U	0.0057	U
Vinyl chloride	280	50	0.011	U	0.012	U	0.013	U	0.012	U	0.012	U	0.011	U	0.012	U	0.012	U	0.011	U	0.013	U	0.024	U	0.012	U	0.032	U	0.011	U
Xylenes (total)	260	260	0.0055	U	0.0058	U	0.0063	U	0.0059	U	0.006	U	0.0056	U	0.0061	U	0.0058	U	0.0057	U	0.0063	U	0.012	U	0.01		0.049		0.0057	U
Ethylbenzene	480	480	0.0055	U	0.0058	U	0.0063	U	0.0059	U	0.006	U	0.0056	U	0.0061	U	0.0058	U	0.0057	U	0.0063	U	0.012	U	0.006	U	0.031		0.0057	U

Notes:
U = indicates analyte not detected at indicated reporting limit (RL)
NE = No screening level concentration established
mg/ kg = milligrams per kilogram
All laboratory data provided by Test America Laboratories
Highlight values exceed one or more screening level concentrations
VOC = volatile organic compounds

J - value qualified due to concentration being below quantitation limit, or due to QA/QC data outside of control limits SVOC - semivolatile organic compounds
B - value qualified due to detection of analyte in one or more associated laboratory blanks
VAP - Ohio Voluntary Action Program
VAP Construction - Ohio VAP generic risk based standard for direct contact exposure by a construction worker specified in OAC 3745-300-08-D (August, 2014)
Direct Contact Ind. - Ohio VAP generic risk based standard for direct contact exposure via an industrial use scenario specified in OAC 3745-300-08-C (August, 2014)

TABLE G2 (CONTINUED)
SUMMARY OF VOCS IN SOIL (mg/kg)
FORMER MANSFIELD STAMPING PLANT

Sample Location			IA-13-14		IA-13-15		IA-13-16		IA-13-17		IA-13-18		IA-13-19		IA-13-20		IA-13-21		IA-13-22		IA-13-23		IA-13-24		IA-13-25		IA-13-26		IA-13-27			
Sample ID			SB14-3-0613		SB15-4-0613		SB16-3-0613		SB17-3-0613		SB18-4-0613		SB19-5-0613		SB20-2-0613		SB21-3-0613		SB22-3-0613		SB23-4-0613		SB24-4-0613		SB25-3-0613		SB26-3-0613		SB27-1-0613			
Depth (feet)			3'		4'		3'		3'		4'		5'		2'		3'		3'		4'		4'		3'		3'		1'			
Sample Date			6/13/2013		6/13/2013		6/14/2013		6/14/2013		6/14/2013		6/14/2013		6/14/2013		6/14/2013		6/14/2013		6/14/2013		6/14/2013		6/14/2013		6/14/2013		6/14/2013			
Sample Time			1615		1645		735		750		805		820		840		855		910		925		935		955		1030		1040			
 Ohio VAP DC Construction/ Excavation VOC			Ohio VAP Generic DC Standard-- Industrial Soil		IA-13 SOUTH TERRACE																											
VOCs - mg/kg																																
Acetone	110,000	110,000	0.077		0.18		0.027	U	0.028	U	0.026	U	0.024	U	0.025	U	0.026	U	0.037		0.32		0.31		0.026	U	0.029		0.023	U		
Benzene	1,200	140	0.0057	U	0.0068	U	0.0068	U	0.0071	U	0.0064	U	0.006	U	0.0062	U	0.0065	U	0.0056	U	0.0062	U	0.0058	U	0.0064	U	0.0057	U	0.0058	U		
Bromodichloromethane	300	35	0.0057	U	0.0068	U	0.0068	U	0.0071	U	0.0064	U	0.006	U	0.0062	U	0.0065	U	0.0056	U	0.0062	U	0.0058	U	0.0064	U	0.0057	U	0.0058	U		
Bromoform	130,000	6,200	0.0057	U	0.0068	U	0.0068	U	0.0071	U	0.0064	U	0.006	U	0.0062	U	0.0065	U	0.0056	U	0.0062	U	0.0058	U	0.0064	U	0.0057	U	0.0058	U		
Bromomethane	550	82	0.011	U	0.014	U	0.014	U	0.014	U	0.013	U	0.012	U	0.012	U	0.013	U	0	U	0.012	U	0.012	U	0.013	U	0.011	U	0.012	U		
2-Butanone	28,000	28,000	0.023	U	0.028		0.027	U	0.028	U	0.026	U	0.024	U	0.025	U	0.026	U	0.023	U	0.034		0.051		0.026	U	0.023	U	0.023	U		
Carbon disulfide	740	740	0.0057	U	0.0068	U	0.0068	U	0.0071	U	0.0064	U	0.006	U	0.0062	U	0.0065	U	0.0056	U	0.0062	U	0.0058	U	0.0064	U	0.0057	U	0.0058	U		
Carbon tetrachloride	460	79	0.0057	U	0.0068	U	0.0068	U	0.0071	U	0.0064	U	0.006	U	0.0062	U	0.0065	U	0.0056	U	0.0062	U	0.0058	U	0.0064	U	0.0057	U	0.0058	U		
Chlorobenzene	760	760	0.0057	U	0.0068	U	0.0068	U	0.0071	U	0.0064	U	0.006	U	0.0062	U	0.0065	U	0.0056	U	0.0062	U	0.0058	U	0.0064	U	0.0057	U	0.0058	U		
Dibromochloromethane	770	84	0.0057	U	0.0068	U	0.0068	U	0.0071	U	0.0064	U	0.006	U	0.0062	U	0.0065	U	0.0056	U	0.0062	U	0.0058	U	0.0064	U	0.0057	U	0.0058	U		
Chloroethane	NE	NE	0.011	U	0.014	U	0.014	U	0.014	U	0.013	U	0.012	U	0.012	U	0.013	U	0.011	U	0.012	U	0.012	U	0.013	U	0.011	U	0.012	U		
Chloroform	320	38	0.0057	U	0.0068	U	0.0068	U	0.0071	U	0.0064	U	0.006	U	0.0062	U	0.0065	U	0.0056	U	0.0062	U	0.0058	U	0.0064	U	0.0057	U	0.0058	U		
Chloromethane	1,300	1,300	0.011	U	0.014	U	0.014	U	0.014	U	0.013	U	0.012	U	0.012	U	0.013	U	0.011	U	0.012	U	0.012	U	0.013	U	0.011	U	0.012	U		
1,1-Dichloroethane	1,700	420	0.0057	U	0.0068	U	0.0068	U	0.0071	U	0.0064	U	0.006	U	0.0062	U	0.0065	U	0.0056	U	0.0062	U	0.0058	U	0.0064	U	0.0057	U	0.0058	U		
1,2-Dichloroethane	480	56	0.0057	U	0.0068	U	0.0068	U	0.0071	U	0.0064	U	0.006	U	0.0062	U	0.0065	U	0.0056	U	0.0062	U	0.0058	U	0.0064	U	0.0057	U	0.0058	U		
cis-1,2-Dichloroethene	NE	NE	0.0029	U	0.0034	U	0.0034	U	0.0036	U	0.0032	U	0.003	U	0.0031	U	0.0032	U	0.0028	U	0.0031	U	0.0029	U	0.0032	U	0.0029	U	0.0029	U		
trans-1,2-Dichloroethene	1,700	1,700	0.0029	U	0.0034	U	0.0034	U	0.0036	U	0.0032	U	0.003	U	0.0031	U	0.0032	U	0.0028	U	0.0031	U	0.0029	U	0.0032	U	0.0029	U	0.0029	U		
1,1-Dichloroethene	360	1,200	0.0057	U	0.0068	U	0.0068	U	0.0071	U	0.0064	U	0.006	U	0.0062	U	0.0065	U	0.0056	U	0.0062	U	0.0058	U	0.0064	U	0.0057	U	0.0058	U		
1,2-Dichloropropane	180	120	0.0057	U	0.0068	U	0.0068	U	0.0071	U	0.0064	U	0.006	U	0.0062	U	0.0065	U	0.0056	U	0.0062	U	0.0058	U	0.0064	U	0.0057	U	0.0058	U		
cis-1,3-Dichloropropene	NE	NE	0.0057	U	0.0068	U	0.0068	U	0.0071	U	0.0064	U	0.006	U	0.0062	U	0.0065	U	0.0056	U	0.0062	U	0.0058	U	0.0064	U	0.0057	U	0.0058	U		
trans-1,3-Dichloropropene	NE	NE	0.0057	U	0.0068	U	0.0068	U	0.0071	U	0.0064	U	0.006	U	0.0062	U	0.0065	U	0.0056	U	0.0062	U	0.0058	U	0.0064	U	0.0057	U	0.0058	U		
2-Hexanone	NE	NE	0.023	U	0.027	U	0.027	U	0.028	U	0.026	U	0.024	U	0.025	U	0.026	U	0.023	U	0.025	U	0.023	U	0.026	U	0.023	U	0.023	U		
Methylene chloride	3,300	3,300	0.0057	U	0.0068	U	0.016		0.0089		0.0064	U	0.006	U	0.014		0.012		0.0056	U	0.017		0.018		0.0079		0.0093		0.020			
4-Methyl-2-pentanone	3,400	3,400	0.023	U	0.027	U	0.027	U	0.028	U	0.026	U	0.024	U	0.025	U	0.026	U	0.023	U	0.025	U	0.023	U	0.026	U	0.023	U	0.023	U		
Methyl tert-butyl ether	8,900	5,700	0.0057	U	0.0068	U	0.0068	U	0.0071	U	0.0064	U	0.006	U	0.0062	U	0.0065	U	0.0056	U	0.0062	U	0.0058	U	0.0064	U	0.0057	U	0.0058	U		
Styrene	870	870	0.0057	U	0.0068	U	0.0068	U	0.0071	U	0.0064	U	0.006	U	0.0062	U	0.0065	U	0.0056	U	0.0062	U	0.0058	U	0.0064	U	0.0057	U	0.0058	U		
1,1,2,2-Tetrachloroethane	670	75	0.0057	U	0.0068	U	0.0068	U	0.0071	U	0.0064	U	0.006	U	0.0062	U	0.0065	U	0.0056	U	0.0062	U	0.0058	U	0.0064	U	0.0057	U	0.0058	U		
Tetrachloroethene	170	170	0.0057	U	0.0068	U	0.0068	U	0.0071	U	0.0064	U	0.006	U	0.0062	U	0.0065	U	0.0056	U	0.0062	U	0.0058	U	0.0064	U	0.0057	U	0.0058	U		
Toluene	820	820	0.0057	U	0.0068	U	0.0068	U	0.0071	U	0.0064	U	0.006	U	0.0062	U	0.0065	U	0.0056	U	0.0062	U	0.0058	U	0.0064	U	0.0057	U	0.0058	U		
1,1,1-Trichloroethane	640	640	0.0057	U	0.0068	U	0.0068	U	0.0071	U	0.0064	U	0.006	U	0.0062	U	0.0065	U	0.0056	U	0.0062	U	0.0058	U	0.0064	U	0.0057	U	0.0058	U		
1,1,2-Trichloroethane	1,200	140	0.0057	U	0.0068	U	0.0068	U	0.0071	U	0.0064	U	0.006	U	0.0062	U	0.0065	U	0.0056	U	0.0062	U	0.0058	U	0.0064	U	0.0057	U	0.0058	U		
Trichloroethene	17	51	0.0057	U	0.0068	U	0.0068	U	0.0071	U	0.0064	U	0.006	U	0.0062	U	0.0065	U	0.0056	U	0.0062	U	0.0058	U	0.0064	U	0.0057	U	0.0058	U		
Vinyl chloride	280	50	0.011	U	0.014	U	0.014	U	0.014	U	0.013	U	0.012	U	0.012	U	0.013	U	0.011	U	0.012	U	0.012	U	0.013	U	0.011	U	0.012	U		
Xylenes (total)	260	260	0.0057	U	0.0068	U	0.0068	U	0.0071	U	0.0064	U	0.006	U	0.0062	U	0.0065	U	0.0056	U	0.0062	U	0.023		0.006	U	0.0057	U	0.0058	U		
Ethylbenzene	480	480	0.0057	U	0.0068	U	0.0068	U	0.0071	U	0.0064	U	0.006	U	0.0062	U	0.0065	U	0.0056	U	0.0062	U	0.0058	U	0.064	U	0.0057	U	0.0058	U		

Notes:
U = indicates analyte not detected at indicated reporting limit (RL)
NE = No screening level concentration established
mg/ kg = milligrams per kilogram
All laboratory data provided by Test America Laboratories
Highlight values exceed one or more screening level concentrations
VOC = volatile organic compounds

VAP - Ohio Voluntary Action Program
VAP Construction - Ohio VAP generic risk based standard for direct contact exposure by a construction worker specified in OAC 3745-300-08-D (August, 2014)
Direct Contact Ind. - Ohio VAP generic risk based standard for direct contact exposure via an industrial use scenario specified in OAC 3745-300-08-C (August, 2014)

TABLE G2 (CONTINUED)
SUMMARY OF VOCs IN SOIL (mg/kg)
FORMER MANSFIELD STAMPING PLANT

Sample Location			IA-13-28		IA-13-15		IA-13-30		IA-13-30		IA-13-31		IA-13-32	
Sample ID			SB28-3-0613		SB29-3-0613		SB30-3-0613		SB30-9-0613		SB31-4-0613		SB32-1-0613	
Depth (feet)			3'		3'		3'		9'		4'		1'	
Sample Date			6/14/2013		6/14/2013		6/14/2013		6/14/2013		6/14/2013		6/14/2013	
Sample Time			1050		1105		1120		1120		1105		1145	
		Ohio VAP ^{DC} Construction/ Excavation	Ohio VAP Generic DC Standard-- Industrial Soil		IA-13 SOUTH TERRACE									
VOCs - mg/kg														
Acetone	110,000	110,000	0.023	U	0.073		0.021	U	0.047		0.023	U	0.022	U
Benzene	1,200	140	0.0058	U	0.0054	U	0.0052	U	0.006	U	0.0057	U	0.0056	U
Bromodichloromethane	300	35	0.0058	U	0.0054	U	0.0052	U	0.006	U	0.0057	U	0.0056	U
Bromoform	130,000	6,200	0.0058	U	0.0054	U	0.0052	U	0.006	U	0.0057	U	0.0056	U
Bromomethane	550	82	0.012	U	0.011	U	0.01	U	0.012	U	0.011	U	0.011	U
2-Butanone	28,000	28,000	0.023	U	0.022	U	0.021	U	0.024	U	0.023	U	0.022	U
Carbon disulfide	740	740	0.0058	U	0.0054	U	0.0052	U	0.006	U	0.0057	U	0.0056	U
Carbon tetrachloride	460	79	0.0058	U	0.0054	U	0.0052	U	0.006	U	0.0057	U	0.0056	U
Chlorobenzene	760	760	0.0058	U	0.0054	U	0.0052	U	0.006	U	0.0057	U	0.0056	U
Dibromochloromethane	770	84	0.0058	U	0.0054	U	0.0052	U	0.006	U	0.0057	U	0.0056	U
Chloroethane	NE	NE	0.012	U	0.011	U	0.01	U	0.012	U	0.011	U	0.011	U
Chloroform	320	38	0.0058	U	0.0054	U	0.0052	U	0.006	U	0.0057	U	0.0056	U
Chloromethane	1,300	1,300	0.012	U	0.011	U	0.01	U	0.012	U	0.011	U	0.011	U
1,1-Dichloroethane	1,700	420	0.0058	U	0.0054	U	0.0052	U	0.006	U	0.0057	U	0.0056	U
1,2-Dichloroethane	480	56	0.0058	U	0.0054	U	0.0052	U	0.006	U	0.0057	U	0.0056	U
cis-1,2-Dichloroethene	NE	NE	0.0029	U	0.0027	U	0.026	U	0.003	U	0.0051		0.0028	U
trans-1,2-Dichloroethene	1,700	1,700	0.0029	U	0.0027	U	0.026	U	0.003	U	0.0028	U	0.0028	U
1,1-Dichloroethene	360	1,200	0.0058	U	0.0054	U	0.0052	U	0.006	U	0.0057	U	0.0056	U
1,2-Dichloropropane	180	120	0.0058	U	0.0054	U	0.0052	U	0.006	U	0.0057	U	0.0056	U
cis-1,3-Dichloropropene	NE	NE	0.0058	U	0.0054	U	0.0052	U	0.006	U	0.0057	U	0.0056	U
trans-1,3-Dichloropropene	NE	NE	0.0058	U	0.0054	U	0.0052	U	0.006	U	0.0057	U	0.0056	U
2-Hexanone	NE	NE	0.023	U	0.022	U	0.021	U	0.024	U	0.023	U	0.022	U
Methylene chloride	3,300	3,300	0.011		0.0055		0.0081		0.0066		0.013		0.01	
4-Methyl-2-pentanone	3,400	3,400	0.023	U	0.022	U	0.021	U	0.024	U	0.023	U	0.022	U
Methyl tert-butyl ether	8,900	5,700	0.0058	U	0.0054	U	0.0052	U	0.006	U	0.0057	U	0.0056	U
Styrene	870	870	0.0058	U	0.0054	U	0.0052	U	0.006	U	0.0057	U	0.0056	U
1,1,2,2-Tetrachloroethane	670	75	0.0058	U	0.0054	U	0.0052	U	0.006	U	0.0057	U	0.0056	U
Tetrachloroethene	170	170	0.0058	U	0.0054	U	0.0052	U	0.006	U	0.0057	U	0.0056	U
Toluene	820	820	0.0058	U	0.0054	U	0.0052	U	0.006	U	0.0057	U	0.0056	U
1,1,1-Trichloroethane	640	640	0.0058	U	0.0054	U	0.0052	U	0.006	U	0.0057	U	0.0056	U
1,1,2-Trichloroethane	1,200	140	0.0058	U	0.0054	U	0.0052	U	0.006	U	0.0057	U	0.0056	U
Trichloroethene	17	51	0.0058	U	0.0054	U	0.0052	U	0.006	U	0.1		0.0056	U
Vinyl chloride	280	50	0.012	U	0.011	U	0.01	U	0.012	U	0.011	U	0.011	U
Xylenes (total)	260	260	0.0058	U	0.0054	U	0.0052	U	0.006	U	0.0057	U	0.0056	U
Ethylbenzene	480	480	0.0058	U	0.0054	U	0.0052	U	0.006	U	0.0057	U	0.0056	U

Notes:

U = indicates analyte not detected at indicated reporting limit (RL)

NE = No screening level concentration established

mg/ kg = milligrams per kilogram

All laboratory data provided by Test America Laboratories

Highlight values exceed one or more screening level concentrations

VAP - Ohio Voluntary Action Program

VAP Construction - Ohio VAP generic risk based standard for direct contact exposure by a construction worker specified in OAC 3745-300-08-D (August, 2014)

Direct Contact Ind. - Ohio VAP generic risk based standard for direct contact exposure via an industrial use scenario specified in OAC 3745-300-08-C (August, 2014)

TABLE G3
SUMMARY OF PAHS, PCBS, RCRA METALS, EXTRACTABLE PETROLEUM HYDROCARBONS AND ETHYLENE GLYCOL IN SOIL (mg/kg)
FORMER MANSFIELD STAMPING PLANT

Sample Location			IA-1-1	IA-1-1	IA-1-2	IA-1-2	IA-1-3	IA-1-3	IA-1-4	IA-1-4	IA-1-5	IA-1-5	IA-1-6	IA-2-1	IA-2-2	Duplicate	IA-2-2	IA-2-3	IA-2-3	
Sample ID			SB11-SSA-2-0411	SB11-SSA-4-0411	SB12-SSA-2-0411	SB12-SSA-4-0411	SB13-SSA-2-0411	SB13-SSA-4-0411	SB14-SSA-2-0411	SB14-SSA-4-0411	SB15-SSA-2-0411	SB15-SSA-4-0411	SB16-SSA-15-0411	SB21-FTF-20-0411	SB22-FTF-1520-0411	SBDUP2	SB22-FTF-2022-0411	SB23-FTF-7510-0411	SB23-FTF-1012-0411	
Depth (feet)			0' - 2.5'	2.5' - 5'	0' - 2.5'	2.5' - 5'	0' - 2.5'	2.5' - 5'	0' - 2.5'	2.5' - 5'	0' - 2.5'	2.5' - 5'	15'	20'	15' - 20'	15' - 20'	20' - 22.5'	7.5' - 10'	10' - 12.5'	
Sample Date			4/5/2011	4/5/2011	4/5/2011	4/5/2011	4/5/2011	4/5/2011	4/5/2011	4/5/2011	4/5/2011	4/5/2011	4/5/2011	4/7/2011	4/8/2011	4/8/2011	4/8/2011	4/8/2011	4/8/2011	
Sample Time			1015	1015	1040	1040	1140	1140	1105	1105	1127		0900	1558	1000	1000	1012	1105	1115	
Ohio VAP DC Construction/Excavation			Ohio VAP Generic DC Standard—Industrial Soil											IA-1 SNOW STAGING AREA						
Polynuclear Aromatic Hydrocarbons (PAH) - mg/kg																				
Acenaphthene	780,000	90,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0075	U	0.0075	U	0.0075	U	0.0079	U
Acenaphthylene	780,000	90,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0075	U	0.0075	U	0.0075	U	0.0079	U
Anthracene	1,000,000	450,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0075	U	0.0075	U	0.0075	U	0.0079	U
Benzo(a)anthracene	1,200	58	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0075	U	0.0075	U	0.0075	U	0.0079	U
Benzo(a)pyrene	120	5.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0075	U	0.0075	U	0.0075	U	0.0079	U
Benzo(b)fluoranthene	1,200	58	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0075	U	0.0075	U	0.0075	U	0.0079	U
Benzo(ghi)perylene	390,000	45,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0075	U	0.0075	U	0.0083	U	0.0079	U
Benzo(k)fluoranthene	12,000	580	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0075	U	0.0075	U	0.0083	U	0.0079	U
Chrysene	120,000	5,800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0075	U	0.0075	U	0.0075	U	0.0079	U
Dibenz(a,h)anthracene	120	5.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0075	U	0.0075	U	0.0910	U	0.0110	U
Fluoranthene	160,000	60,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0075	U	0.0075	U	0.0075	U	0.0079	U
Fluorene	520,000	60,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0075	U	0.0075	U	0.0075	U	0.0079	U
Indeno(1,2,3-cd)pyrene	1,200	58	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0075	U	0.0075	U	0.0075	U	0.0079	U
1-Methylnaphthalene	31,000	1,500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0650		0.0480		0.0190		0.0250	
2-Methylnaphthalene	5,200	6,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0460		0.0520		0.0160		0.0220	
Naphthalene	560	450	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0075	U	0.0075	U	0.0075	U	0.0079	U
Phenanthrene	1,000,000	450,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0670		0.0430		0.0180		0.0270	
Pyrene	390,000	45,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0260		0.0075	U	0.0087	U	0.0110	
Polychlorinated Biphenyls (PCB) - mg/kg																				
Arochlor 1016	260	100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0370	U	NS		NS		NS	
Arochlor 1221	210	14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0370	U	NS		NS		NS	
Arochlor 1232	73	14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0370	U	NS		NS		NS	
Arochlor 1242	440	20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0370	U	NS		NS		NS	
Arochlor 1248	440	20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0370	U	NS		NS		NS	
Arochlor 1254	75	20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0370	U	NS		NS		NS	
Arochlor 1260	440	20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0370	U	NS		NS		NS	
RCRA Metals - mg/kg																				
Arsenic	690	77	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	11.00		NS		NS		NS	
Lead	400	800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	8.60		NS		NS		NS	
Barium	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	33.40	B	NS		NS		NS	
Selenium	11,000	20,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.53	U	NS		NS		NS	
Cadmium	1,000	2,600	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.53	U	NS		NS		NS	
Chromium	1,200	210	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	12.60		NS		NS		NS	
Silver	11,000	20,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.10	U	NS		NS		NS	
Mercury	3.1	3.1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.10	U	NS		NS		NS	
Extractable Petroleum Hydrocarbons - mg/kg																				
C6-C12	5,000*	5,000*	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.1100	U	0.1100	U	0.1100	U	0.1200	U
C20 - C34	20,000*	20,000*	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	150		210		160		110	
C10 - C20	10,000*	10,000*	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	130		170		100		79	
Ethylene glycol - mg/kg																				
	1,000,000	1,000,000	1.15	U	1.14	U	1.1	U	1.1	U	1.11	U	1.14	U	1.14	U	1.16	U	1.08	U

Notes:
NS = Not sampled
U = indicates analyte not detected at indicated reporting limit (RL)
NE = No screening level concentration established
mg/ kg = milligrams per kilogram
All laboratory data provided by Tetra Tech Inc. Cincinnati Ohio
RCRA = resource, conservation, and recovery act

* = Ohio BUSTR Tier 1 Action Levels
J - value qualified due to concentration being below quantitation limit, or due to QA/QC data outside of control limits
B - value qualified due to detection of analyte in one or more associated laboratory blanks
VAP - Ohio Voluntary Action Program
VAP Construction - Ohio VAP generic risk based standard for direct contact exposure by a construction worker specified in OAC 3745-300-08-D (August, 2014)
Direct Contact Ind. - Ohio VAP generic risk based standard for direct contact exposure via an industrial use scenario specified in OAC 3745-300-08-C (August, 2014)

TABLE G3 (CONTINUED)
SUMMARY OF PAHS, PCBs, RCRA METALS, EXTRACTABLE PETROLEUM HYDROCARBONS AND ETHYLENE GLYCOL IN SOIL (mg/kg)
FORMER MANSFIELD STAMPING PLANT

Sample Location			IA-3-1	IA-3-1	IA-3-2	IA-4-1	IA-4-1	IA-4-2	IA-4-2	IA-4-3	IA-4-3	IA-4-3A	IA-4-3A	IA-4-4	IA-4-5	IA-4-5	IA-4-5	IA-4-6	IA-4-7	IA-4-8	IA-4-8	IA-4-9	IA-4-9	IA-4-10																				
Sample ID			SB31-UST-2730-0411	SB31-UST-3032-0411	SB32-UST-1720-0411	SB41-OLD-255-0411	SB41-OLD-1215-0411	SB42-OLD-0710-0411	SB42-OLD-1720-0411	SB43-OLD-025-0411	SB43-OLD-1725-0411	SB43A-255-0511	SB43A-0510-0511	SB44-OLD-1720-0411	SB45-OLD-255-0411	SB45-OLD-1012-0411	SB45-OLD-2730-0411	SB46-OLD-1215-0411	SB47-OLD-1720-0411	SB48-255-0511	SB48-510-0511	SB49-05-0511	SB49-510-0511	SB410-2527-0511																				
Depth (feet)			27.5' - 30'	30' - 32.5'	17.5' - 20'	2.5' - 5'	12.5' - 15'	7.5' - 10'	14.5' - 20'	2.5' - 5'	17.5' - 20'	2.5' - 5'	5' - 10'	17.5' - 20'	2.5' - 5'	10' - 12.5'	27.5' - 30'	12.5' - 15'	17.5' - 20'	2.5' - 5'	5' - 10'	0' - 5'	5' - 10'	25' - 27.5'																				
Sample Date			4/12/2011	4/12/2011	4/12/2011	4/11/2011	4/11/2011	4/11/2011	4/11/2011	4/11/2011	4/11/2011	5/12/2011	5/12/2011	4/8/2011	4/11/2011	4/11/2011	4/11/2011	4/12/2011	4/12/2011	5/12/2011	5/12/2011	5/12/2011	5/12/2011	5/12/2011																				
Sample Time			1318	1336	1133	1407	1416	1520	1533	1148	1205	1154	1203	1452	1029	1046	1107	1002	0901	10135	1040	1115	1120	1345																				
Ohio VAP DC Construction/Excavation Ohio VAP Generic DC Standard Industrial Soil			IA-8 SUSPECTED FORMER AST/UST																																									
Polynuclear Aromatic Hydrocarbons (PAH) - mg/kg																																												
Acenaphthene	780,000	90,000	NS	NS	NS		0.0075	U	0.0310	U	0.0094	U	0.0076	U	62.0		0.0190	U	0.1200		0.0082	U	0.0077	U	1.1000		0.0074	U	0.0078	U	0.0075	U	0.0076	U	0.0290	U	0.0076	U	0.0073	U	0.0076	U	0.0074	U
Acenaphthylene	780,000	90,000	NS	NS	NS		0.0075	U	0.0310	U	0.0094	U	0.0076	U	4.2	U	0.0190	U	0.0077	U	0.0082	U	0.0077	U	0.1500	U	0.0074	U	0.0078	U	0.0075	U	0.0076	U	0.0290	U	0.0076	U	0.0073	U	0.0076	U	0.0074	U
Anthracene	1,000,000	450,000	NS	NS	NS		0.0075	U	0.0310	U	0.0094	U	0.0076	U	120.0		0.0190	U	0.2000		0.0082	U	0.0077	U	2.7000		0.0150		0.0078	U	0.0075	U	0.0076	U	0.0290	U	0.0076	U	0.0073	U	0.0076	U	0.0074	U
Benzo(a)anthracene	1,200	58	NS	NS	NS		0.0075	U	0.0310	U	0.0094	U	0.0076	U	230.0		0.0190	U	0.4300		0.0180		0.0077	U	7.5000		0.0330		0.0078	U	0.0075	U	0.0076	U	0.0290	U	0.0076	U	0.0073	U	0.0240		0.0074	U
Benzo(a)pyrene	120	5.8	NS	NS	NS		0.0075	U	0.0310	U	0.0094	U	0.0076	U	190.0		0.0190	U	0.3600		0.0140		0.0077	U	7.0000		0.0390		0.0078	U	0.0075	U	0.0076	U	0.0290	U	0.0076	U	0.0073	U	0.0270		0.0074	U
Benzo(b)fluoranthene	1,200	58	NS	NS	NS		0.0075	U	0.0310	U	0.0094	U	0.0076	U	210.0		0.0190	U	0.4700		0.0200		0.0077	U	8.2000		0.0490		0.0078	U	0.0075	U	0.0076	U	0.0290	U	0.0076	U	0.0073	U	0.0350		0.0074	U
Benzo(ghi)perylene	390,000	45,000	NS	NS	NS		0.0075	U	0.0310	U	0.0094	U	0.0087		98.0		0.0190	U	0.2200		0.0082	U	0.0077	U	4.1000		0.0380		0.0110		0.0230		0.0076	U	0.0290	U	0.0076	U	0.0140		0.0240		0.0170	
Benzo(k)fluoranthene	12,000	580	NS	NS	NS		0.0075	U	0.0310	U	0.0094	U	0.0076	U	170.0		0.0190	U	0.2400		0.0090		0.0077	U	4.7000		0.0240		0.0078	U	0.0075	U	0.0076	U	0.0290	U	0.0420	J	0.0073	U	0.0210		0.0074	U
Chrysene	120,000	5,800	NS	NS	NS		0.0075	U	0.0310	U	0.0094	U	0.0120		250.0		0.0190	U	0.4400		0.0170		0.0077	U	8.2000		0.0470		0.0300		0.0140		0.0076	U	0.0290	U	0.0076	U	0.0073	U	0.0360		0.0074	U
Dibenz(a,h)anthracene	120	5.8	NS	NS	NS		0.0075	U	0.0310	U	0.0094	U	0.0076	U	34.0		0.0190	U	0.0077	U	0.0082	U	0.0077	U	1.6000		0.0070		0.0078	U	0.0075	U	0.0076	U	0.0290	U	0.0076	U	0.0073	U	0.0076	U	0.0074	U
Fluoranthene	160,000	60,000	NS	NS	NS		0.0075	U	0.0310	U	0.0094	U	0.0076	U	650.0		0.0190	U	0.1300		0.0410		0.0077	U	18.0		0.0770		0.0078	U	0.0075	U	0.0076	U	0.0290	U	0.0076	U	0.0150		0.0450		0.0074	U
Fluorene	520,000	60,000	NS	NS	NS		0.0075	U	0.0310	U	0.0094	U	0.0076	U	51.0		0.0190	U	0.9700		0.0082	U	0.0077	U	0.8500		0.0074	U	0.0078	U	0.0075	U	0.0076	U	0.0290	U	0.0076	U	0.0073	U	0.0076	U	0.0074	U
Indeno(1,2,3-cd)pyrene	1,200	58	NS	NS	NS		0.0075	U	0.0310	U	0.0094	U	0.0076	U	93.0		0.0190	U	0.1800		0.0082	U	0.0077	U	3.3000		0.0210		0.0078	U	0.0075	U	0.0076	U	0.0290	U	0.0076	U	0.0073	U	0.0170		0.0074	U
1-Methylnaphthalene	31,000	1,500	NS	NS	NS		0.0110		0.0310	U	0.0094	U	0.0076	U	8.5000		0.0630		0.0220		0.0082	U	0.0077	U	0.1500	U	0.0074	U	0.0078	U	0.0088		9.8000		0.0290	U	0.0076	U	0.0080		0.0076	U	0.0170	
2-Methylnaphthalene	5,200	6,000	NS	NS	NS		0.0100		0.0310	U	0.0094	U	0.0076	U	13.0		0.0630		0.0330		0.0082	U	0.0077	U	0.2200		0.0083		0.0078	U	0.0087		0.0130		0.0290	U	0.0076	U	0.0097		0.0076	U	0.0260	
Naphthalene	560	450	NS	NS	NS		0.0075	U	0.0310	U	0.0094	U	0.0076	U	11.0		0.0190	U	0.0530		0.0110		0.0077	U	0.1500	U	0.0074	U	0.0078	U	0.0075	U	0.0076	U	0.0290	U	0.0076	U	0.0110		0.0140		0.0430	
Phenanthrene	1,000,000	450,000	NS	NS	NS		0.0200		0.0490		0.0094	U	0.0076	U	510.0		0.0600		1.1000		0.0300		0.0077	U	8.8000		0.0540		0.0440		0.0170		0.0076	U	0.0290	U	0.0190		0.0190		0.0320		0.0320	
Pyrene	390,000	45,000	NS	NS	NS		0.0110		0.0310	U	0.0094	U	0.0076	U	450.0		0.0220		0.8800		0.0310		0.0077	U	13.0		0.0800		0.0078	U	0.0180		0.0076	U	0.0290	U	0.0076	U	0.0140		0.0380		0.0074	U
Polychlorinated Biphenyls (PCB) - mg/kg																																												
Arochlor 1016	260	100	NS	NS	NS		0.0370	U	0.0380	U	0.0470	U	0.0380	U	0.0410	U	0.0370	U	0.0380	U	0.0400	U	0.0380	U	0.0380	U	0.0037	U	0.0038	U	0.0370	U	0.0380	U	0.0360	U	0.0380	U	0.0360	U	0.0380	U	0.0370	U
Arochlor 1221	210	14	NS	NS	NS		0.0370	U	0.0380	U	0.0470	U	0.0380	U	0.0410	U	0.0370	U	0.0380	U	0.0400	U	0.0380	U	0.0380	U	0.0037	U	0.0038	U	0.0370	U	0.0380	U	0.0360	U	0.0380	U	0.0360	U	0.0380	U	0.0370	U
Arochlor 1232	73	14	NS	NS	NS		0.0370	U	0.0380	U	0.0470	U	0.0380	U	0.0410	U	0.0370	U	0.0380	U	0.0400	U	0.0380	U	0.0380	U	0.0037	U	0.0038	U	0.0370	U	0.0380	U	0.0360	U	0.0380	U	0.0360	U	0.0380	U	0.0370	U
Arochlor 1242	440	20	NS	NS	NS		0.0370	U	0.0380	U	0.0470	U	0.0380	U	0.0410	U	0.0370	U	0.0380	U	0.0400	U	0.0380	U	0.0380	U	0.0037	U	0.0038	U	0.0370	U	0.0380	U	0.0360	U	0.0380	U	0.0360	U	0.0380	U	0.0370	U
Arochlor 1248	440	20	NS	NS	NS		0.0370	U	0.0380	U	0.0470	U	0.0380	U	0.0410	U	0.0370	U	0.0380	U	0.0400	U	0.0380	U	0.0380	U	0.0037	U	0.0038	U	0.0370	U	0.0380	U	0.0360	U	0.0380	U	0.0360	U	0.0380	U	0.0370	U
Arochlor 1254	75	20	NS	NS	NS		0.0370	U	0.0380	U	0.0470	U	0.0380	U	0.0210	J																												

TABLE G3 (CONTINUED)
SUMMARY OF PAHS, PCBS, RCRA METALS, EXTRACTABLE PETROLEUM HYDROCARBONS AND ETHYLENE GLYCOL IN SOIL (mg/kg)
FORMER MANSFIELD STAMPING PLANT

Sample Location	IA-5-1	IA-5-2	IA-5-3	IA-5-4	LF-1	LF-2	LF-3	LF-4	IA-6-1	Duplicate	IA-6-2	IA-6-2	IA-6-3	IA-6-3	IA-6-4	Duplicate	IA-6-5	IA-6-5	IA-6-6	IA-6-6	IA-6-7	IA-6-8	IA-6-8	IA-6-9	IA-6-9	
Sample ID	SB51-LAN-25-0411	SB52-LAN-25-0411	SB53-LAN-22-0411	SB54-LAN-5-0411	LANDFILL BORING	LANDFILL-1	LANDFILL-2	LANDFILL-3	LANDFILL-4	SB61-CSA-2225-0411	SB62-CSA-02-0411	SB62-CSA-04-0411	SB63-CSA-02-0411	SB63-CSA-04-0411	SB64-CSA-04-0411	DUP0413	SB65-CSA-02-0411	SB65-CSA-04-0411	SB66-CSA-02-0411	SB66-CSA-04-0411	SB67-CSA-04-0411	SB68-CSA-02-0411	SB68-CSA-04-0411	SB69-CSA-02-0411	SB69-CSA-04-0411	
Depth (feet)	25	25	22	5					22.5' - 25'	22.5' - 25'	0' - 2.5'	2.5' - 5'	0' - 2.5'	2.5' - 5'	2.5' - 5'	2.5' - 5'	0' - 2.5'	2.5' - 5'	0' - 2.5'	2.5' - 5'	2.5' - 5'	0' - 2.5'	2.5' - 5'	0' - 2.5'	2.5' - 5'	
Sample Date	4/6/2011	4/6/2011	4/6/2011	4/6/2011	4/13/2011	5/16/2011	5/16/2011	5/16/2011	5/16/2011	4/12/2011	4/12/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011	4/13/2011	
Sample Time	1058	1212	1430	1515	1458	0930	934	938	943	1441	1441	1304	1304	1310	1310	1316	1316	1321	1321	1325	1325	1340	1338	1336	1331	
 Ohio VAP DC Construction Site Action Level	1058	1212	1430	1515	1458	0930	934	938	943	1441	1441	1304	1304	1310	1310	1316	1316	1321	1321	1325	1325	1340	1338	1336	1331	
Generic DC Standard - Industrial Soil	1058	1212	1430	1515	1458	0930	934	938	943	1441	1441	1304	1304	1310	1310	1316	1316	1321	1321	1325	1325	1340	1338	1336	1331	
IA-5 SOIL PILE/SLOPE FILL AREA																										
Polynuclear Aromatic Hydrocarbons (PAH) - mg/kg																										
Acenaphthene	780,000	90,000	0.0080	U	0.0078	U	0.0076	U	0.0083	U	0.0078	U	0.0060	J	0.0078	U	0.0077	U	0.0081	U	0.0078	U	0.0077	U	0.0080	U
Acenaphthylene	780,000	90,000	0.0080	U	0.0078	U	0.0076	U	0.0083	U	0.0078	U	0.0060	J	0.0078	U	0.0077	U	0.0081	U	0.0078	U	0.0077	U	0.0080	U
Anthracene	1,000,000	450,000	0.0080	U	0.0078	U	0.0076	U	0.0083	U	0.0078	U	0.0060	J	0.0078	U	0.0077	U	0.0081	U	0.0078	U	0.0077	U	0.0080	U
Benzo(a)anthracene	1,200	58	0.0080	U	0.0078	U	0.0076	U	0.0083	U	0.0078	U	0.0060	J	0.0078	U	0.0077	U	0.0081	U	0.0078	U	0.0077	U	0.0080	U
Benzo(a)pyrene	120	5.8	0.0080	U	0.0078	U	0.0076	U	0.0083	U	0.0078	U	0.0060	J	0.0078	U	0.0077	U	0.0081	U	0.0078	U	0.0077	U	0.0080	U
Benzo(b)fluoranthene	1,200	58	0.0080	U	0.0078	U	0.0076	U	0.0083	U	0.0078	U	0.0060	J	0.0078	U	0.0077	U	0.0081	U	0.0078	U	0.0077	U	0.0080	U
Benzo(k)fluoranthene	390,000	45,000	0.0080	U	0.0078	U	0.0076	U	0.0083	U	0.0078	U	0.0060	J	0.0078	U	0.0077	U	0.0081	U	0.0078	U	0.0077	U	0.0080	U
Chrysene	12,000	580	0.0080	U	0.0078	U	0.0076	U	0.0083	U	0.0078	U	0.0060	J	0.0078	U	0.0077	U	0.0081	U	0.0078	U	0.0077	U	0.0080	U
Dibenz(a,h)anthracene	120,000	5,800	0.0080	U	0.0078	U	0.0076	U	0.0083	U	0.0078	U	0.0060	J	0.0078	U	0.0077	U	0.0081	U	0.0078	U	0.0077	U	0.0080	U
Fluorene	160,000	60,000	0.0080	U	0.0078	U	0.0076	U	0.0083	U	0.0078	U	0.0060	J	0.0078	U	0.0077	U	0.0081	U	0.0078	U	0.0077	U	0.0080	U
Fluoranthene	520,000	60,000	0.0080	U	0.0078	U	0.0076	U	0.0083	U	0.0078	U	0.0060	J	0.0078	U	0.0077	U	0.0081	U	0.0078	U	0.0077	U	0.0080	U
Indeno(1,2,3-cd)pyrene	1,200	58	0.0080	U	0.0078	U	0.0076	U	0.0083	U	0.0078	U	0.0060	J	0.0078	U	0.0077	U	0.0081	U	0.0078	U	0.0077	U	0.0080	U
1-Methylnaphthalene	31,000	1,500	0.0280	U	0.0078	U	0.0076	U	0.0083	U	0.0078	U	0.0060	J	0.0078	U	0.0077	U	0.0081	U	0.0078	U	0.0077	U	0.0080	U
2-Methylnaphthalene	5,200	6,000	0.0310	U	0.0078	U	0.0076	U	0.0083	U	0.0078	U	0.0060	J	0.0078	U	0.0077	U	0.0081	U	0.0078	U	0.0077	U	0.0080	U
Naphthalene	560	450	0.0080	U	0.0078	U	0.0076	U	0.0083	U	0.0078	U	0.0060	J	0.0078	U	0.0077	U	0.0081	U	0.0078	U	0.0077	U	0.0080	U
Phenanthrene	1,000,000	450,000	0.0350	U	0.0078	U	0.0076	U	0.0083	U	0.0078	U	0.0060	J	0.0078	U	0.0077	U	0.0081	U	0.0078	U	0.0077	U	0.0080	U
Pyrene	390,000	45,000	0.0080	U	0.0078	U	0.0076	U	0.0083	U	0.0078	U	0.0060	J	0.0078	U	0.0077	U	0.0081	U	0.0078	U	0.0077	U	0.0080	U
Polychlorinated Biphenyls (PCB) - mg/kg																										
Arochlor 1016	260	100	0.0400	U	0.0390	U	0.0380	U	0.0410	U	0.0380	U	0.0400	U	0.0390	U	0.0380	U	0.0400	U	0.0390	U	0.0380	U	0.0400	U
Arochlor 1221	210	14	0.0400	U	0.0390	U	0.0380	U	0.0410	U	0.0380	U	0.0400	U	0.0390	U	0.0380	U	0.0400	U	0.0390	U	0.0380	U	0.0400	U
Arochlor 1232	73	14	0.0400	U	0.0390	U	0.0380	U	0.0410	U	0.0380	U	0.0400	U	0.0390	U	0.0380	U	0.0400	U	0.0390	U	0.0380	U	0.0400	U
Arochlor 1242	440	20	0.0400	U	0.0390	U	0.0380	U	0.0410	U	0.0380	U	0.0400	U	0.0390	U	0.0380	U	0.0400	U	0.0390	U	0.0380	U	0.0400	U
Arochlor 1248	440	20	0.0400	U	0.0390	U	0.0380	U	0.0410	U	0.0380	U	0.0400	U	0.0390	U	0.0380	U	0.0400	U	0.0390	U	0.0380	U	0.0400	U
Arochlor 1254	75	20	0.0400	U	0.0390	U	0.0380	U	0.0410	U	0.0380	U	0.0400	U	0.0390	U	0.0380	U	0.0400	U	0.0390	U	0.0380	U	0.0400	U
Arochlor 1260	440	20	0.0400	U	0.0390	U	0.0380	U	0.0410	U	0.0380	U	0.0400	U	0.0390	U	0.0380	U	0.0400	U	0.0390	U	0.0380	U	0.0400	U
RCRA Metals - mg/kg																										
Arsenic	690	77	13.2	U	11.2	U	17.7	U	12.6	U	15.1	U	14.0	U	15.0	U	12.0	U	14.0	U	11.9	U	13.5	U	15.9	U
Lead	400	800	10.5	U	7.6	U	11.2	U	11.4	U	14.9	U	12.0	U	13.0	U	11.0	U	12.8	U	11.9	U	13.5	U	15.9	U
Barium	NE	NE	55.7	B	23.9	B	47.8	B	84.6	B	60	B	47.0	B	53.0	B	46.0	B	39.4	J	38.5	J	67.5	J	64.9	B
Selenium	11,000	20,000	0.57	U	0.58	U	0.46	U	0.61	U	0.55	U	0.5	U	0.5	U	0.4	U	0.45	U	0.55	U	0.59	U	0.55	U
Cadmium	1,000	2,600	0.57	U	0.58	U	0.35	J	0.61	U	0.29	J	0.5	U	0.5	U	0.4	U	0.35	B	0.55	U	0.14	B	0.18	J
Chromium	1,200	210	10.8	U	4.7	U	9.8	U	10.5	U	13.8	U	11.0	U	9.9	U	10.0	U	8.7	J	9.8	J	12	U	12.1	U
Silver	11,000	20,000	1.1	U	1.2	U	0.92	U	1.2	U	1	U	1.1	U	0.9	U	1.0	U	0.9	U	1.1	U	1.1	U	1.1	U
Mercury	3.1	3.1	0.069	U	0.11	U	0.11	U	0.03	J	0.095	U	0.016	J	0.018	J	0.016	J	0.021	J	0.082	U	0.11	U	0.04	B
Extractable Petroleum Hydrocarbons - mg/kg																										
C6-C12	5,000*	5,000*	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
C20 - C34	20,000*	20,000*	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
C10 - C20	10,000*	10,000*	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Ethylene glycol - mg/kg	1,000,000	1,000,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Notes:

- † sampled
- ates analyte not detected at indicated reporting limit (RL)
- screening level concentration established
- milligrams per kilogram
- All laboratory data provided by Test America Laboratories
- * = Ohio BUSTR Tier 1 Action Levels
- RCRA = resource, conservation, and recovery act

J - value qualified due to concentration being below quantitation limit, or due to QA/QC data outside of control limits

B - value qualified due to detection of analyte in one or more associated laboratory blanks

VAP - Ohio Voluntary Action Program

VAP Construction - Ohio VAP generic risk based standard for direct contact exposure by a construction worker specified in OAC 3745-300-08-D (August, 2014)

Direct Contact Ind. - Ohio VAP generic risk based standard for direct contact exposure via an industrial use scenario specified in OAC 3745-300-08-C (August, 2014)

* = Landfill sample LF-1, LF-2, LF-3, and LF-4 are composites of varied depths within each boring.

TABLE G3 (CONTINUED)
SUMMARY OF PAHS, PCBS, RCRA METALS, EXTRACTABLE PETROLEUM HYDROCARBONS AND ETHYLENE GLYCOL IN SOIL (mg/kg)
FORMER MANSFIELD STAMPING PLANT

Sample Location			IA-10-1		IA-10-2		IA-10-3		IA-10-3		IA-10-4		IA-14-1		IA-14-2		IA-14-3		-		-	
Sample ID			SB101-HAZ-20-0411		SB102-HAZ-30-0411		SB103-HAZ-5-0411		SB103-HAZ-10-0411		SB104-HAZ-15-0411		SB91-NEW-2527-0411		SB92-NEW-2530-0411		SB93-NEW-2730-0411		BACKGROUND-13-0422		BACKGROUND-23-0422	
Depth (feet)			20'		30'		5'		10'		15'		25' - 27.5'		25' - 30'		27.5' - 30'		13'		23'	
Sample Date			4/5/2011		4/5/2011		4/7/2011		4/7/2011		4/7/2011		4/13/2011		4/13/2011		4/13/2011		4/22/2011		4/22/2011	
Sample Time			1355		1612		931		940		1112		908		1014		1138		1000		1010	
		Ohio VAP DC Construction/Excavation	Ohio VAP Generic DC Standard--Industrial Soil		IA-10 EASTERN STORAGE YARD								IA-14 EASTERN STORAGE YARD						Background Samples			
Polynuclear Aromatic Hydrocarbons (PAH) - mg/kg																						
Acenaphthene	780,000	90,000	0.0077	U	0.0077	U	0.0080	U	0.0074	U	0.0081	U	0.0076	U	0.0074	U	0.019	U	NS		NS	
Acenaphthylene	780,000	90,000	0.0077	U	0.0077	U	0.0080	U	0.0074	U	0.0081	U	0.0076	U	0.0074	U	0.019	U	NS		NS	
Anthracene	1,000,000	450,000	0.0077	U	0.0077	U	0.0080	U	0.0074	U	0.0081	U	0.0076	U	0.0074	U	0.019	U	NS		NS	
Benzo(a)anthracene	1,200	58	0.0077	U	0.0077	U	0.0080	U	0.0074	U	0.0081	U	0.0076	U	0.0074	U	0.019	U	NS		NS	
Benzo(a)pyrene	120	5.8	0.0077	U	0.0077	U	0.0080	U	0.0074	U	0.0081	U	0.0076		0.0099		0.019	U	NS		NS	
Benzo(b)fluoranthene	1,200	58	0.0077	U	0.0077	U	0.0360		0.0074	U	0.0081	U	0.0099		0.0150		0.019	U	NS		NS	
Benzo(ghi)perylene	390,000	45,000	0.0077	U	0.0077	U	0.0080	U	0.0180		0.0081	U	0.0340		0.0390		0.019	U	NS		NS	
Benzo(k)fluoranthene	12,000	580	0.0077	U	0.0077	U	0.0080	U	0.0074	U	0.0081	U	0.0076	U	0.0074	U	0.019	U	NS		NS	
Chrysene	120,000	5,800	0.0077	U	0.0077	U	0.0130		0.0160		0.0081	U	0.0120		0.0160		0.019	U	NS		NS	
Dibenz(a,h)anthracene	120	5.8	0.0077	U	0.0077	U	0.0080	U	0.0074	U	0.0081	U	0.0076	U	0.0074	U	0.019	U	NS		NS	
Fluoranthene	160,000	60,000	0.0077	U	0.0077	U	0.0180		0.0074	U	0.0081	U	0.0100		0.0130		0.0190	U	NS		NS	
Fluorene	520,000	60,000	0.0077	U	0.0077	U	0.0080	U	0.0074	U	0.0081	U	0.0096		0.0074	U	0.0190	U	NS		NS	
Indeno(1,2,3-cd)pyrene	1,200	58	0.0077	U	0.0077	U	0.0080	U	0.0074	U	0.0081	U	0.0076	U	0.0074	U	0.0190	U	NS		NS	
1-Methylnaphthalene	31,000	1,500	0.0077	U	0.0077	U	0.0080	U	0.0410		0.0081	U	0.0270		0.0130		0.0500		NS		NS	
2-Methylnaphthalene	5,200	6,000	0.0077	U	0.0077	U	0.0080	U	0.0390		0.0081	U	0.0230		0.0200		0.0770		NS		NS	
Naphthalene	560	450	0.0077	U	0.0077	U	0.0080	U	0.0074	U	0.0081	U	0.0076	U	0.0074	U	0.0260		NS		NS	
Phenanthrene	1,000,000	450,000	0.0077	U	0.0077	U	0.0080	U	0.0360		0.0081	U	0.0300		0.0190		0.0430		NS		NS	
Pyrene	390,000	45,000	0.0077	U	0.0077	U	0.0150		0.0074	U	0.0081	U	0.0180		0.0200		0.0190	U	NS		NS	
Polychlorinated Biphenyls (PCB) - mg/kg																						
Arochlor 1016	260	100	0.0380	U	0.0380	U	0.0400	U	0.0370	U	0.0400	U	0.0380	U	0.0370	U	0.0370	U	NS		NS	
Arochlor 1221	210	14	0.0380	U	0.0380	U	0.0400	U	0.0370	U	0.0400	U	0.0380	U	0.0370	U	0.0370	U	NS		NS	
Arochlor 1232	73	14	0.0380	U	0.0380	U	0.0400	U	0.0370	U	0.0400	U	0.0380	U	0.0370	U	0.0370	U	NS		NS	
Arochlor 1242	440	20	0.0380	U	0.0380	U	0.0240	J	0.0370	U	0.0400	U	0.0380	U	0.0370	U	0.0370	U	NS		NS	
Arochlor 1248	440	20	0.0380	U	0.0380	U	0.0400	U	0.0370	U	0.0400	U	0.0380	U	0.0370	U	0.0370	U	NS		NS	
Arochlor 1254	75	20	0.0380	U	0.0380	U	0.0400	U	0.0370	U	0.0400	U	0.0380	U	0.0370	U	0.0370	U	NS		NS	
Arochlor 1260	440	20	0.0380	U	0.0380	U	0.0400	U	0.0370	U	0.0400	U	0.0380	U	0.0370	U	0.0370	U	NS		NS	
RCRA Metals - mg/kg																						
Arsenic	690	77	19.1		16.6		17.6		15.4		17.6		13.0		12.0		12.4		14.0		13.8	
Lead	400	800	15.0		14.7		15.5		11.3		15.5		11.3		9.9		9.8		12.8		12.4	
Barium	NE	NE	40.1	J	47.5	J	54.8	J	46.8	J	68.8	J	42.1	B	33.7	B	56.9	B	28.8	B	63.1	B
Selenium	11,000	20,000	0.81		0.76		0.50	U	0.53	B	0.58	U	0.48	U	0.51	U	0.42	U	0.49	U	0.47	U
Cadmium	1,000	2,600	0.46	U	0.55	U	0.05	U	0.55	U	0.58	U	0.48	U	0.51	U	0.25	J	0.30	J	0.41	J
Chromium	1,200	210	12.9		12.7		10.9		10.1		13.6		12.9		16.7		10.2		11.6		10.3	
Silver	11,000	20,000	0.91	U	1.10	U	0.99	U	1.10	U	1.20	U	0.96	U	1.00	U	0.84	U	0.99	U	0.93	U
Mercury	3.1	3.1	0.022	B	0.030	B	0.120	U	0.024	B	0.110	U	0.110	U	0.095	U	0.085	U	0.019	J	0.096	U
Extractable Petroleum Hydrocarbons - mg/kg																						
C6-C12	5,000*	5,000*	NS		NS		NS		NS		NS		0.11	U	0.11	U	0.11	U	NS		NS	
C20 - C34	20,000*	20,000*	NS		NS		NS		NS		NS		34.0		41.0		82.0		NS		NS	
C10 - C20	10,000*	10,000*	NS		NS		NS		NS		NS		27.0		28.0		79.0		NS		NS	
Ethylene glycol - mg/kg																						
	1,000,000	1,000,000	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	

Notes:

NS = Not sampled

U = indicates analyte not detected at indicated reporting limit (RL)

NE = No screening level concentration established

mg/ kg = milligrams per kilogram

All laboratory data provided by Test America Laboratories

* = Ohio BUSTR Tier 1 Action Levels

RCRA = resource, conservation, and recovery act

J - value qualified due to concentration being below quantitation limit, or due to QA/QC data outside of control limits

B - value qualified due to detection of analyte in one or more associated laboratory blanks

VAP - Ohio Voluntary Action Program

VAP Construction - Ohio VAP generic risk based standard for direct contact exposure by a construction worker specified in OAC 3745-300-08-D (August, 2014)

Direct Contact Ind. - Ohio VAP generic risk based standard for direct contact exposure via an industrial use scenario specified in OAC 3745-300-08-C (August, 2014)

ANALYTICAL TABLE E-4
SUMMARY OF VOCs IN MONITORING WELL GROUND WATER SAMPLES (mg/L)
FORMER MANSFIELD STAMPING PLANT

		Sample ID		MW2-1	MW2-1	MW2-2	DUPLICATE		MW2-2	MW4-7	MW4-7	MW4-7	MW5-1	MW5-1	MW5-2S	MW5-2S	MW5-2D	MW5-2D	MW5-2D	MW5-2D	MW5-4	MW5-4	MW10-2	MW10-2	MW10-2	MW14-1	DUPLICATE				
		Sample Date		4/27/2011	6/2/2011	4/29/2011	4/29/2011		6/2/2011	4/28/2011	6/2/2011	4/27/2011	6/2/2011	4/28/2011	6/2/2011	4/28/2011	6/2/2011	4/28/2011	6/2/2011	4/28/2011	6/2/2011	4/28/2011	6/2/2011	4/27/2011	6/2/2011	4/28/2011	6/2/2011				
		Sample Time		1742	1506	1100	1100		1600	0917	1715	1955	1326	1215	0825	1332	0952	1550	1125	1541	1350	1330	1350								
		Ohio VAP Generic Unrestricted Potable Use Standards																													
VOCs - mg/L																															
Acetone	12.0000	0.010	U	NS	0.010	U	0.010	U	NS	0.010	U	0.010	U	NS	0.010	U	0.010	U	NS	0.010	U	NS	0.010	U	0.010	U	0.010	U	0.010	U	
Benzene	0.0050	0.001	U	NS	0.001	U	0.001	U	NS	0.001	U	0.005	U	NS	0.001	U	0.005	U	NS	0.001	U	NS	0.001	U	0.005	U	0.001	U	0.005	U	
Bromodichloromethane	0.0800	0.001	U	NS	0.001	U	0.001	U	NS	0.001	U	0.005	U	NS	0.001	U	0.005	U	NS	0.001	U	NS	0.001	U	0.005	U	0.001	U	0.005	U	
Bromoform	0.0800	0.001	U	NS	0.001	U	0.001	U	NS	0.001	U	0.005	U	NS	0.001	U	0.005	U	NS	0.001	U	NS	0.001	U	0.005	U	0.001	U	0.005	U	
Bromomethane	0.0070	0.002	U	NS	0.002	U	0.002	U	NS	0.002	U	0.010	U	NS	0.002	U	0.010	U	NS	0.002	U	NS	0.002	U	0.010	U	0.002	U	0.010	U	
2-Butanone	4.9000	0.010	U	NS	0.010	U	0.010	U	NS	0.010	U	0.010	U	NS	0.010	U	0.010	U	NS	0.010	U	NS	0.010	U	0.010	U	0.010	U	0.010	U	
Carbon disulfide	0.7200	0.001	U	NS	0.001	U	0.001	U	NS	0.001	U	0.005	U	NS	0.001	U	0.005	U	NS	0.001	U	NS	0.00028	J	0.005	U	0.001	U	0.005	U	
Carbon tetrachloride	0.0050	0.001	U	NS	0.001	U	0.001	U	NS	0.001	U	0.005	U	NS	0.001	U	0.005	U	NS	0.001	U	NS	0.001	U	0.005	U	0.001	U	0.005	U	
Chlorobenzene	0.1000	0.001	U	NS	0.001	U	0.001	U	NS	0.001	U	0.005	U	NS	0.001	U	0.005	U	NS	0.001	U	NS	0.001	U	0.005	U	0.001	U	0.005	U	
Dibromochloromethane	0.0800	0.001	U	NS	0.001	U	0.001	U	NS	0.001	U	0.005	U	NS	0.001	U	0.005	U	NS	0.001	U	NS	0.001	U	0.005	U	0.001	U	0.005	U	
Chloroethane	21.0000	0.002	U	NS	0.002	U	0.002	U	NS	0.002	U	0.010	U	NS	0.002	U	0.010	U	NS	0.002	U	NS	0.002	U	0.010	U	0.002	U	0.010	U	
Chloroform	0.0800	0.001	U	NS	0.001	U	0.001	U	NS	0.001	U	0.005	U	NS	0.001	U	0.005	U	NS	0.001	U	NS	0.001	U	0.005	U	0.001	U	0.005	U	
Chloromethane	0.1900	0.002	U	NS	0.002	U	0.002	U	NS	0.002	U	0.010	U	NS	0.002	U	0.010	U	NS	0.002	U	NS	0.002	U	0.010	U	0.002	U	0.010	U	
1,2-Dibromo-3-chloro-propane	0.0002	0.002	U	NS	0.002	U	0.002	U	NS	0.002	U	0.005	U	NS	0.002	U	0.005	U	NS	0.002	U	NS	0.002	U	0.005	U	0.002	U	0.005	U	
1,2-Dibromoethane	0.00005	0.001	U	NS	0.001	U	0.001	U	NS	0.001	U	0.005	U	NS	0.001	U	0.005	U	NS	0.001	U	NS	0.001	U	0.005	U	0.001	U	0.005	U	
1,2-Dichlorobenzene	0.6000	0.001	U	NS	0.001	U	0.001	U	NS	0.001	U	0.005	U	NS	0.001	U	0.005	U	NS	0.001	U	NS	0.001	U	0.005	U	0.001	U	0.005	U	
1,3-Dichlorobenzene	NE	0.001	U	NS	0.001	U	0.001	U	NS	0.001	U	0.005	U	NS	0.001	U	0.005	U	NS	0.001	U	NS	0.001	U	0.005	U	0.001	U	0.005	U	
1,4-Dichlorobenzene	0.0750	0.001	U	NS	0.001	U	0.001	U	NS	0.001	U	0.005	U	NS	0.001	U	0.005	U	NS	0.001	U	NS	0.001	U	0.005	U	0.001	U	0.005	U	
Dichlorodifluoromethane	2.8000	0.002	U	NS	0.002	U	0.002	U	NS	0.002	U	0.010	U	NS	0.002	U	0.010	U	NS	0.002	U	NS	0.002	U	0.010	U	0.002	U	0.010	U	
1,1-Dichloroethane	0.2400	0.001	U	NS	0.001	U	0.001	U	NS	0.012		0.022		NS	0.001	U	0.005	U	NS	0.001	U	NS	0.001	U	0.005	U	0.001	U	0.005	U	
1,2-Dichloroethane	0.0050	0.001	U	NS	0.001	U	0.001	U	NS	0.001	U	0.005	U	NS	0.001	U	0.005	U	NS	0.001	U	NS	0.001	U	0.005	U	0.001	U	0.005	U	
cis-1,2-Dichloroethene	0.0700	0.001	U	NS	0.001	U	0.001	U	NS	0.001	U	0.005	U	NS	0.007		0.004	J	NS	0.001	U	NS	0.001	U	0.005	U	0.001	U	0.005	U	
trans-1,2-Dichloroethene	0.1000	0.001	U	NS	0.001	U	0.001	U	NS	0.001	U	0.005	U	NS	0.001		0.001	J	NS	0.001	U	NS	0.001	U	0.005	U	0.001	U	0.005	U	
1,1-Dichloroethene	0.0070	0.001	U	NS	0.001	U	0.001	U	NS	0.002		0.005	U	NS	0.001	U	0.005	U	NS	0.001	U	NS	0.001	U	0.005	U	0.001	U	0.005	U	
1,2-Dichloropropane	0.0050	0.001	U	NS	0.001	U	0.001	U	NS	0.001	U	0.005	U	NS	0.001	U	0.005	U	NS	0.001	U	NS	0.001	U	0.005	U	0.001	U	0.005	U	
1,2-Dichloropropene	NE	0.001	U	NS	0.001	U	0.001	U	NS	0.001	U	0.005	U	NS	0.001	U	0.005	U	NS	0.001	U	NS	0.001	U	0.005	U	0.001	U	0.005	U	
1,3-Dichloropropene	NE	0.001	U	NS	0.001	U	0.001	U	NS	0.001	U	0.005	U	NS	0.001	U	0.005	U	NS	0.001	U	NS	0.001	U	0.005	U	0.001	U	0.005	U	
1,4-Dichlorobenzene	0.7000	0.001	U	NS	0.001	U	0.001	U	NS	0.001	U	0.005	U	NS	0.001	U	0.005	U	NS	0.001	U	NS	0.001	U	0.005	U	0.001	U	0.005	U	
n-Hexane	0.2500	0.001	U	NS	0.001	U	0.001	U	NS	0.001	U	0.005	U	NS	0.001	U	0.005	U	NS	0.001	U	NS	0.001	U	0.005	U	0.001	U	0.005	U	
2-Hexanone	NE	0.010	U	NS	0.010	U	0.010	U	NS	0.010	U	0.010	U	NS	0.010	U	0.010	U	NS	0.010	U	NS	0.010	U	0.010	U	0.010	U	0.010	U	
Isopropylbenzene	NE	0.001	U	NS	0.001	U	0.001	U	NS	0.001	U	0.005	U	NS	0.001	U	0.005	U	NS	0.001	U	NS	0.001	U	0.005	U	0.001	U	0.005	U	
Methylene chloride	0.0050	0.001	U	NS	0.001	U	0.001	U	NS	0.001	U	0.005	U	NS	0.001	U	0.005	U	NS	0.001	U	NS	0.001	U	0.005	U	0.001	U	0.005	U	
4-Methyl-2-pentanone	1.0000	0.010	U	NS	0.010	U	0.010	U	NS	0.010	U	0.010	U	NS	0.010	U	0.010	U	NS	0.010	U	NS	0.010	U	0.010	U	0.010	U</			

ANALYTICAL TABLE E-5
SUMMARY OF PAH, PCBS, RCRA METALS, EXTRACTABLE PETROLEUM HYDROCARBONS, GASOLINE ORGANICS AND ETHYLENE GYLCOL IN MONIOTORING WELL GROUND WATER SAMPLES (mg/L)
FORMER MANSFIELD STAMPING PLANT

Sample ID		MW2-1	MW2-1	MW2-2	DUPLICATE		MW2-2	MW4-7	MW4-7	MW5-1	MW5-1	MW5-2S	MW5-2S	MW5-2D	MW5-2D	MW5-4	MW5-4	MW10-1	MW10-2	MW14-1	DUPLICATE												
Sample Type (Grab/Composite)		4/27/2011	6/2/2011	4/29/2011	4/29/2011		6/2/2011	4/28/2011	6/2/2011	4/27/2011	6/2/2011	4/28/2011	6/2/2011	4/28/2011	6/2/2011	4/28/2011	6/2/2011	4/27/2011	6/2/2011	4/28/2011	6/2/2011												
Sample Time		1742	1506	1100	1100		1600	0917	1715	1955	1326	1215	0825	1332	0952	1550	1125	1541	1350	1330	1350												
	Ohio VAP Generic Unrestricted Potable Use Standards																																
Polynuclear Aromatic Hydrocarbons (PAH) - mg/L																																	
Acenaphthene	0.40	0.0002	U	NS	0.0002	U	NS		NS	0.0002	U	NS		0.0002	U	NS	0.0002	U	NS	0.0002	U	NS		0.0002	U	NS							
Acenaphthylene	0.40	0.0002	U	NS	0.0002	U	NS		NS	0.0002	U	NS		0.0002	U	NS	0.0002	U	NS	0.0002	U	NS		0.0002	U	NS							
Anthracene	1.30	0.0002	U	NS	0.0002	U	NS		NS	0.0002	U	NS		0.0002	U	NS	0.0002	U	NS	0.0002	U	NS		0.0002	U	NS							
Benzo(a)anthracene	0.00092	0.0002	U	NS	0.0002	U	NS		NS	0.0002	U	NS		0.0002	U	NS	0.0002	U	NS	0.0002	U	NS		0.0002	U	NS							
Benzo(a)pyrene	0.00020	0.0002	U	NS	0.0002	U	NS		NS	0.0002	U	NS		0.0002	U	NS	0.0002	U	NS	0.0002	U	NS		0.0002	U	NS							
Benzo(b)fluoranthene	0.00092	0.0002	U	NS	0.0002	U	NS		NS	0.0002	U	NS		0.0002	U	NS	0.0002	U	NS	0.0002	U	NS		0.0002	U	NS							
Benzo(ghi)perylene	0.087	0.0002	U	NS	0.0002	U	NS		NS	0.0002	U	NS		0.0002	U	NS	0.0002	U	NS	0.0002	U	NS		0.0002	U	NS							
Benzo(k)fluoranthene	0.0092	0.0002	U	NS	0.0002	U	NS		NS	0.0002	U	NS		0.0002	U	NS	0.0002	U	NS	0.0002	U	NS		0.0002	U	NS							
Chrysene	0.092	0.0002	U	NS	0.0002	U	NS		NS	0.0002	U	NS		0.0002	U	NS	0.0002	U	NS	0.0002	U	NS		0.0002	U	NS							
Dibenz(a,h)anthracene	0.000092	0.0002	U	NS	0.0002	U	NS		NS	0.0002	U	NS		0.0002	U	NS	0.0002	U	NS	0.0002	U	NS		0.0002	U	NS							
Fluoranthene	0.63	0.0002	U	NS	0.0002	U	NS		NS	0.0002	U	NS		0.0002	U	NS	0.0002	U	NS	0.0002	U	NS		0.0002	U	NS							
Fluorene	0.22	0.0002	U	NS	0.0002	U	NS		NS	0.0002	U	NS		0.0002	U	NS	0.0002	U	NS	0.0002	U	NS		0.0002	U	NS							
Indeno(1,2,3-cd)pyrene	0.00092	0.0002	U	NS	0.0002	U	NS		NS	0.0002	U	NS		0.0002	U	NS	0.0002	U	NS	0.0002	U	NS		0.0002	U	NS							
1-Methylnaphthalene	0.01	0.0002	U	NS	0.0002	U	NS		NS	0.0002	U	NS		0.0002	U	NS	0.0002	U	NS	0.0002	U	NS		0.0002	U	NS							
2-Methylnaphthalene	0.027	0.0002	U	NS	0.0002	U	NS		NS	0.0002	U	NS		0.0002	U	NS	0.0002	U	NS	0.0002	U	NS		0.0002	U	NS							
Naphthalene	0.001	0.0002	U	NS	0.0002	U	NS		NS	0.0002	U	NS		0.0002	U	NS	0.0002	U	NS	0.0002	U	NS		0.0002	U	NS							
Phenanthrene	1.30	0.0002	U	NS	0.0002	U	NS		NS	0.0002	U	NS		0.0002	U	NS	0.0002	U	NS	0.0002	U	NS		0.0002	U	NS							
Pyrene	0.087	0.0002	U	NS	0.0002	U	NS		NS	0.0002	U	NS		0.0002	U	NS	0.0002	U	NS	0.0002	U	NS		0.0002	U	NS							
RCRA Metals - mg/L																																	
Arsenic	0.01	0.0333		0.0383	0.0079	J	0.0127		0.0294	0.0100	U	0.0091	J	0.0160		0.0207	0.0100	U	0.0112	0.0145		0.0188	0.0387		0.0465	0.0100	U	0.0100	U	0.0100	U	0.0058	
Lead	0.015	0.0030	U	NS	0.0030	U	0.0030	U	NS	0.0030	U	NS		0.0030	U	NS	0.0030	U	NS	0.0030	U	NS		0.0030	U	NS	0.0024	J	0.0148		0.0029	J	0.0135
Barium	NE	0.4520	J	NS	0.1420	J,B	0.1380	J,B	NS	0.0798	J,B	NS		0.0362	J,B	NS	0.0270	J,B	NS	0.1410	J,B	NS		0.0482	J,B	NS	0.1760	J,B	0.0629		0.0282	J,B	0.0692
Selenium	0.050	0.0050	U	NS	0.0050	U	0.0050	U	NS	0.0050	U	NS		0.0050	U	NS	0.0050	U	NS	0.0050	U	NS		0.0050	U	NS	0.0050	U	0.1050		0.0050	U	0.0909
Cadmium	0.005	0.0040	U	NS	0.0040	U	0.0040	U	NS	0.0040	U	NS		0.0040	U	NS	0.0040	U	NS	0.0040	U	NS		0.0040	U	NS	0.0040	U	0.0040	U	0.0040	U	0.0040
Chromium	0.10	0.0100	U	NS	0.0100	U	0.0100	U	NS	0.0100	U	NS		0.0100	U	NS	0.0100	U	NS	0.0100	U	NS		0.0100	U	NS	0.0210	U	0.0210	U	0.0043	J	0.0210
Sil	0.079	0.0100	U	NS	0.0100	U	0.0100	U	NS	0.0100	U	NS		0.0100	U	NS	0.0100	U	NS	0.0100	U	NS		0.0100	U	NS	0.0100	U	0.0064		0.0100	U	0.0060
Mt	0.002	0.0002	U	NS	0.0002	U	0.0002	J	NS	0.0020	U	NS		0.0020	U	NS	0.0002	U	NS	0.0002	U	NS		0.0002	U	NS	0.0002	U	0.0002	U	0.0002	U	0.0002
Extractable Petroleum Hydrocarbons - mg/L																																	
C20 - C34	—	0.5000	U	NS	0.5000		NS		NS	0.2500	J	NS		0.5000	U	NS	0.5000	U	NS	0.5000	U	NS		0.5000	U	NS	0.5000	U	NS		0.6500		NS
C10 - C20	—	0.5000	U	NS	0.2600	J	NS		NS	0.5000	U	NS		0.5000	U	NS	0.5000	U	NS	0.5000	U	NS		0.5000	U	NS	0.5000	U	NS		0.5000	U	NS
Volatile organics - mg/L																																	
Gasoline Range Organics (C6 - C12)	—	0.0260	J	NS	0.0250	J	0.0260	J	NS	0.0430	J	N		0.0290	J	NS	0.0360	J	NS	0.1000	U	NS		0.1000	U	NS	0.1000	U	NS		0.1000	U	NS

Notes:
NS = Not sampled
U = indicates analyte not detected at indicated reporting limit (RL)
NE = No screening level concentration established
mg/ l = milligrams per liter
All laboratory data provided by Test America Laboratories
Highlighted values exceed one or more screening level concentrations

J - value qualified due to concentration being below quantitation limit, or due to QA/QC data outside of control limits
B - value qualified due to detection of analyte in one or more associated laboratory blanks
VAP - Ohio Voluntary Action Program
Standards from OAC 3745-300-08 updated August, 2014
RCRA = Resource, conservation, and recovery act

ANALYTICAL TABLE G-6
SUMMARY OF VOCs IN SEDIMENT (mg/kg)
FORMER MANFIELD STAMPING PLANT

Sample ID			SD01-SSA-0411		SD02-SSA-0411		SDDUPO1		SD03-SSA-0411		SD04-SSA-0411		SD05-SSA-0411		SD06-LAN-0411		SD07-LAN-0411		SD08-LAN-0411		SD11-LAN-0411		SD12-LAN-0411		SD13-CSA-0411	
Sample Type (Grab/Composite)			Grab		Grab		Grab		Grab		Grab		Grab		Grab		Grab		Grab		Grab		Grab		Grab	
Sample Date			4/7/2011		4/7/2011		4/7/2011		4/7/2011		4/14/2011		4/14/2011		4/14/2011		4/14/2011		4/14/2011		4/14/2011		4/14/2011		4/14/2011	
Sample Time			1403		1420		1420		1438		1040		1428		1230		1210		1100		1150		1415		1535	
			Ohio VAP DC Construction/Excavation		Ohio VAP Generic DC Standard--Industrial Soil																					
VOCs - mg/kg																										
Acetone	110,000	110,000	0.025	J,B	0.063	B	0.029	J,B	0.019	J,B	0.014	J,B	0.027	J,B	0.021	J,B	0.028	U	0.011	J,B	0.012	J,B	0.017	J,B		NS
Benzene	1,200	140	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.0067	U	0.01	U	0.0073	U	0.0069	U	0.0066	U	0.0088	U	0.0069	U		NS
Bromodichloromethane	300	35	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.0067	U	0.01	U	0.0073	U	0.0069	U	0.0066	U	0.0088	U	0.0069	U		NS
Bromoform	130,000	6,200	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.067	U	0.01	U	0.0073	U	0.0069	U	0.0066	U	0.0088	U	0.0069	U		NS
Bromomethane	550	82	0.019	U	0.015	U	0.016	U	0.014	U	0.013	U	0.0046	J	0.015	U	0.014	U	0.013	U	0.018	U	0.014	U		NS
2-Butanone	28,000	28,000	0.004	J	0.01	J	0.0057	J	0.0033	J	0.0043	J	0.0059	J	0.0051	J	0.028	U	0.026	U	0.035	U	0.003	J,B		NS
Carbon disulfide	740	740	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.00086	J	0.01	U	0.00087	J	0.0069	U	0.0066	U	0.0088	U	0.007	U		NS
Carbon tetrachloride	460	79.0	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.0067	U	0.01	U	0.0073	U	0.0069	U	0.0066	U	0.0088	U	0.007	U		NS
Chlorobenzene	760	760	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.067	U	0.01	U	0.0073	U	0.0069	U	0.0066	U	0.0088	U	0.007	U		NS
Dibromochloromethane	770	84	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.067	U	0.01	U	0.0073	U	0.0069	U	0.0066	U	0.0088	U	0.007	U		NS
Chloroethane	NE	NE	0.019	U	0.015	U	0.016	U	0.014	U	0.013	U	0.021	U	0.015	U	0.014	U	0.013	U	0.018	U	0.014	U		NS
Chloroform	320	38	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.0067	U	0.01	U	0.0073	U	0.0069	U	0.0066	U	0.0088	U	0.007	U		NS
Chloromethane	1,300	1,300	0.019	U	0.015	U	0.016	U	0.014	U	0.013	U	0.021	U	0.015	U	0.014	U	0.013	U	0.018	U	0.014	U		NS
1,2-Dibromo-3-chloro-propane	15	1.7	0.019	U	0.015	U	0.016	U	0.014	U	0.13	U	0.1	U	0.015	U	0.14	U	0.013	U	0.088	U	0.014	U		NS
1,2-Dibromoethane	38	4.4	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.067	U	0.01	U	0.0073	U	0.0069	U	0.0066	U	0.0088	U	0.0069	U		NS
1,2-Dichlorobenzene	380	380	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.067	U	0.052	U	0.0073	U	0.069	U	0.0066	U	0.044	U	0.0069	U		NS
1,3-Dichlorobenzene	NE	NE	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.067	U	0.052	U	0.0073	U	0.069	U	0.0066	U	0.044	U	0.0069	U		NS
1,4-Dichlorobenzene	2,600	310	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.067	U	0.052	U	0.0073	U	0.069	U	0.0066	U	0.044	U	0.0069	U		NS
Dichlorodifluoromethane	850	850	0.019	U	0.015	U	0.016	U	0.014	U	0.013	U	0.021	U	0.015	U	0.014	U	0.013	U	0.018	U	0.014	U		NS
1,1-Dichloroethane	1,700	420	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.0067	U	0.01	U	0.0073	U	0.0069	U	0.0066	U	0.0088	U	0.0069	U		NS
1,2-Dichloroethane	480	56	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.0067	U	0.01	U	0.0076	U	0.0069	U	0.0066	U	0.0088	U	0.0069	U		NS
cis-1,2-Dichloroethene	NE	NE	0.0048	U	0.0038	U	0.004	U	0.0036	U	0.0033	U	0.0052	U	0.0037	U	0.0035	U	0.0033	U	0.0044	U	0.0035	U		NS
trans-1,2-Dichloroethene	1,700	1,700	0.0048	U	0.00038	U	0.004	U	0.0036	U	0.0033	U	0.0052	U	0.0037	U	0.0035	U	0.0033	U	0.0044	U	0.0035	U		NS
1,1-Dichloroethene	360	1,200	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.0067	U	0.01	U	0.0073	U	0.0069	U	0.0066	U	0.0088	U	0.0069	U		NS
1,2-Dichloropropane	180	120	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.0067	U	0.01	U	0.0073	U	0.0069	U	0.0066	U	0.0088	U	0.0069	U		NS
cis-1,3-Dichloropropene	NE	NE	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.0067	U	0.01	U	0.0073	U	0.0069	U	0.0066	U	0.0088	U	0.0069	U		NS
trans-1,3-Dichloropropene	NE	NE	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.067	U	0.01	U	0.0073	U	0.0069	U	0.0066	U	0.0088	U	0.0069	U		NS
Ethylbenzene	480	480	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.067	U	0.01	U	0.0073	U	0.0069	U	0.0066	U	0.0088	U	0.0069	U		NS
n-Hexane	140	140	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.0067	U	0.01	U	0.0073	U	0.0069	U	0.0066	U	0.0088	U	0.0069	U		NS
2-Hexanone	NE	NE	0.039	U	0.031	U	0.032	U	0.029	U	0.27	U	0.042	U	0.029	U	0.028	U	0.026	U	0.035	U	0.028	U		NS
Isopropylbenzene	NE	NE	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.067	U	0.01	U	0.0073	U	0.0069	U	0.0066	U	0.0088	U	0.0069	U		NS
Methylene chloride	3,300	3,300	0.0086	J,B	0.0052	J,B	0.0067	J,B	0.0072	B	0.0055	J,B	0.0061	J,B	0.0045	J,B	0.0022	J,B	0.0032	J,B	0.0023	J,B	0.0023	J,B		NS
4-Methyl-2-pentanone	3,400	3,400	0.039	U	0.031	U	0.032	U	0.029	U	NS	NS	0.042	U	0.029	U	0.028	U	0.026	U	0.035	U	0.028	U		NS
Methyl tert-butyl ether	8,900	5,700	0.0097	U	0.031	U	0.032	U	0.029	U	0.027	U	0.042	U	0.029	U	0.028	U	0.026	U	0.035	U	0.028	U		NS
Styrene	870	870	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.067	U	0.01	U	0.0073	U	0.0069	U	0.0066	U	0.0088	U	0.0069	U		NS
1,1,2,2-Tetrachloroethane	670	75	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.067	U	0.052	U	0.0073	U	0.069	U	0.0066	U	0.044	U	0.0069	U		NS
Tetrachloroethene	170	170	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.067	U	0.01	U	0.0073	U	0.0069	U	0.0066	U	0.0088	U	0.0069	U		NS
Toluene	820	820	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.067	U	0.01	U	0.0073	U	0.0069	U	0.0066	U	0.0088	U	0.0069	U		NS
1,2,4-Trichloro-benzene	400	400	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.067	U	0.052	U	0.0073	U	0.069	U	0.0066	U	0.044	U	0.0069	U		NS
1,1,1-Trichloroethane	640	640	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.0067	U	0.01	U	0.0073	U	0.0069	U	0.0066	U	0.0088	U	0.0069	U		NS
1,1,2-Trichloroethane	1,200	140	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.067	U	0.01	U	0.0073	U	0.0069	U	0.0066	U	0.0088	U	0.0069	U		NS
Trichloroethene	17	51	0.0097	U	0.0077	U	0.0079	U	0.0072	U	0.0067	U	0.01	U	0.0073	U	0.0069	U								

Notes:
NS = Not sampled
U = indicates analyte not detected at indicated reporting limit (RL)
NE = No screening level concentration established
mg/ kg = milligrams per kilogram
All laboratory data provided by Test America Laboratories
VOC = volatile organic compounds

J - value qualified due to concentration being below quantitation limit, or due to CSVOC - semivolatile organic compounds
B - value qualified due to detection of analyte in one or more associated laboratory blanks
VAP - Ohio Voluntary Action Program
VAP Construction - Ohio VAP generic risk based standard for direct contact exposure by a construction worker specified in OAC 3745-300-08-D (August, 2014)
Direct Contact Ind. - Ohio VAP generic risk based standard for direct contact exposure via an industrial use scenario specified in OAC 3745-300-08-C (August, 2014)

ANALYTICAL TABLE G-7
SUMMARY OF PAHS, PCBS, RCRA METALS, EXTRACTABLE PETROLEUM HYDROCARBONS AND ETHYLENE GLYCOL IN SEDIMENT (mg/kg)
FORMER MANSFIELD STAMPING PLANT

Sample ID			SD01-SSA-0411		SD02-SSA-0411		SDDUPO1		SD03-SSA-0411		SD04-SSA-0411		SD05-SSA-0411		SD06-LAN-0411		SD07-LAN-0411		SD08-LAN-0411		SD11-LAN-0411		SD12-LAN-0411		SD13-CSA-0411		
Sample Location			SD-1		SD-2		SD-2		SD-3		SD-4		SD-5		SD-6		SD-7		SD-8		SD-11		SD-12		SD-13		
Sample Date			4/7/2011		4/7/2011		4/7/2011		4/7/2011		4/14/2011		4/14/2011		4/14/2011		4/14/2011		4/14/2011		4/14/2011		4/14/2011		4/14/2011		
Sample Time			1403		1420		1420		1438		1040		1428		1230		1210		1100		1150		1415		1535		
	Ohio VAP DC Construction/ Excavation	Ohio VAP Generic DC Standard-- Industrial Soil																									
Polynuclear Aromatic Hydrocarbons (PAH) - mg/kg																											
Acenaphthene	780,000	90,000	0.01	U	1.20		0.33		0.20		2.80		0.04	U	0.034		0.0092	U	0.17		0.065		0.015		0.026		
Acenaphthylene	780,000	90,000	0.01	U	0.20	U	0.21	U	0.04	U	0.45	U	0.04	U	0.02	U	0.0092	U	0.04	U	0.02	U	0.01	U	0.01	U	
Anthracene	1,000,000	450,000	0.035		2.70		0.86		0.30		7.00		0.18		0.11		0.0092	U	0.36		0.18		0.047		0.062		
Benzo(a)anthracene	1,200	58	0.29		10.00		6.40		1.40		18.00		1.30		0.72		0.0092	U	0.97		0.84		0.18		0.37		
Benzo(a)pyrene	120	5.8	0.40		10.00		8.20		1.50		17.00		1.70		0.95		0.0092	U	0.95		0.90		0.17		0.38		
Benzo(b)fluoranthene	1,200	58	0.89		15.00		12.00		2.50		21.00		2.70		1.40		0.0092	U	1.30		1.20		0.29		0.54		
Benzo(ghi)perylene	390,000	45,000	0.55		7.50		7.30		1.10		11.00		1.30		0.85		0.0092	U	0.64		0.62		0.12		0.28		
Benzo(k)fluoranthene	12,000	580	0.31		7.90		5.40		0.96		12.00		1.40		0.68		0.0092	U	0.64		0.66		0.15		0.22		
Chrysene	120,000	5,800	0.52		12.00		9.40		1.80		24.00		1.90		1.10		0.0092	U	1.10		1.00		0.25		0.42		
Dibenz(a,h)anthracene	120	5.8	0.01	U	0.20	U	0.21	U	0.04	U	2.70		0.04	U	0.02	U	0.0092	U	0.04	U	0.02	U	0.01	U	0.01	U	
Fluoranthene	160,000	60,000	0.72		28.00		18.00		3.90		61.00		3.00		2.20		0.0092	U	2.60		2.10		0.59		0.81		
Fluorene	520,000	60,000	0.01	U	1.20		0.30		0.18		2.70		0.04		0.037		0.0092	U	0.16		0.063		0.017		0.023		
Indeno(1,2,3-cd)pyrene	1,200	58	0.46		6.40		6.20		0.95		9.80		1.10		0.72		0.0092	U	0.54		0.54		0.11		0.23		
1-Methylnaphthalene	31,000	1,500	0.01	U	0.20	U	0.21	U	0.04	U	0.45	U	0.04	U	0.02	U	0.0092	U	0.04	U	0.02	U	0.01	U	0.016		
2-Methylnaphthalene	5,200	6,000	0.014		0.22		0.21	U	0.04	U	0.67		0.04	U	0.02	U	0.0092	U	0.054		0.02	U	0.01	U	0.022		
Naphthalene	560	450	0.01	U	0.26		0.21	U	0.054		1.20		0.04	U	0.02	U	0.0092	U	0.055		0.02	U	0.01	U	0.015		
Phenanthrene	1,000,000	450,000	0.18		16.00		6.00		1.70		35.00		0.80		0.74		0.0092	U	1.80		0.93		0.20		0.34		
Pyrene	390,000	45,000	0.54		20.00		13.00		2.80		40.00		2.70		1.70		0.0092	U	1.90		1.60		0.44		0.64		
Polychlorinated Biphenyls (PCB) - mg/kg																											
Arochlor 1016	260	100	NS		NS		NS		NS		NS		NS		NS		0.046	U	0.043	U	NS		NS		0.043	U	
Arochlor 1221	210	14	NS		NS		NS		NS		NS		NS		NS		0.046	U	0.043	U	NS		NS		0.043	U	
Arochlor 1232	73	14	NS		NS		NS		NS		NS		NS		NS		0.046	U	0.043	U	NS		NS		0.043	U	
Arochlor 1242	440	20	NS		NS		NS		NS		NS		NS		NS		0.046	U	0.043	U	NS		NS		0.043	U	
Arochlor 1248	440	20	NS		NS		NS		NS		NS		NS		NS		0.046	U	0.043	U	NS		NS		0.043	U	
Arochlor 1254	75	20	NS		NS		NS		NS		NS		NS		NS		0.046	U	0.043	U	NS		NS		0.043	U	
Arochlor 1260	440	20	NS		NS		NS		NS		NS		NS		NS		0.046	U	0.043	U	NS		NS		0.043	U	
RCRA Metals - mg/kg																											
Arsenic	690	77	NS		NS		NS		NS		NS		NS		NS		10.80		22.20		16.30		9.30		19.10		
Lead	400	800	NS		NS		NS		NS		NS		NS		NS		13.20		24.40		26.60		17.30		19.20		
Barium	-	-	NS		NS		NS		NS		NS		NS		NS		66.20	B	51.00	J	74.50	B	89.70	B	67.30	B	
Selenium	11,000	20,000	NS		NS		NS		NS		NS		NS		NS		0.69	U	0.63	U	0.73	U	0.67		0.64		
Cadmium	1,000	2,600	NS		NS		NS		NS		NS		NS		NS		0.14	J	0.03	J	0.26	J	0.11	J	0.18	J	
Chromium	1,200	210	NS		NS		NS		NS		NS		NS		NS		15.50		11.80		15.60		13.70		11.80		
Silver	11,000	20,000	NS		NS		NS		NS		NS		NS		NS		1.40	U	1.30	U	1.50	U	1.30	U	0.91	U	
Mercury	3.1	3.1	NS		NS		NS		NS		NS		NS		NS		0.1	U	0.02	J	0.029	J	0.029	J	0.031	J	
Extractable Petroleum Hydrocarbons - mg/kg																											
C6-C12	5,000*	5,000*	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		0.13	U	
C20 - C34	20,000*	20,000*	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		72		
C10 - C20	10,000*	10,000*	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		17	J	
Ethylene glycol - mg/kg	1,000,000	1,000,000	1.79	U	1.48	U	1.17	U	1.19	U	1.63		1.57	U	1.71	U	NS		NS		1.89	U	1.23	U	NS		

Notes:

NS = Not sampled

U = indicates analyte not detected at indicated reporting limit (RL)

Highlighted values exceed one or more screening level concentrations

mg/ kg = milligrams per kilogram

All laboratory data provided by Test America Laboratories

* = Ohio BUSTR Tier 1 Action Levels

RCRA = Resource, conservation, and recovery act

J - value qualified due to concentration being below quantitation limit, or due to QA/QC data outside of control limits SVOC - semivolatile organic compounds

B - value qualified due to detection of analyte in one or more associated laboratory blanks

VAP - Ohio Voluntary Action Program

VAP Construction - Ohio VAP generic risk based standard for direct contact exposure by a construction worker specified in OAC 3745-300-08-D (August, 2014)

Direct Contact Ind. - Ohio VAP generic risk based standard for direct contact exposure via an industrial use scenario specified in OAC 3745-300-08-C (August, 2014)

ANALYTICAL TABLE G-8
SUMMARY OF SVOCs IN SURFACE WATER AND BORING GROUND WATER SAMPLES (mg/L)
FORMER MANSFIELD STAMPING PLANT

Sample Location		-	-	-	-	-	IA-2-2	IA-4-3	IA-4-7	IA-5-1	IA-5-2	IA-5-3	IA-5-4	IA-6-1	IA-ID-1	Blank	Blank	Blank	Blank	Blank	Blank																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Sample ID		SW01-LAN-0411	SWDUP0414	SW02-LAN-0411	SW01-SWH-0411	SWDUP1	GW22-FTF-0411	GW43-OLD-0411	GW47-OLD-0411	GW51-LAN-0411	GW52-LAN-0411	GW53-LAN-0411	GW54-LAN-0411	GW61-CSA-0411	GW103-HAZ-0411	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Sample Date		4/14/2011	4/14/2011	4/14/2011	4/6/2011	4/6/2011	4/8/2011	4/11/2011	4/12/2011	4/6/2011	4/6/2011	4/6/2011	4/6/2011	4/13/2011	4/7/2011	4/6/2011	4/7/2011	4/8/2011	4/11/2011	4/12/2011	4/14/2011																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Sample Time		1135	1135	1400	933	933	1418	1350	1103	1328	1407	1513	1635	1250	1257	1747	1721	1453	1810	-	1716																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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ANALYTICAL TABLE G-9
SUMMARY OF PAH, PCBS, RCRA METALS, EXTRACTABLE PETROLEUM HYDROCARBONS, GASOLINE ORGANICS AND ETHYLENE GLYCOL IN SURFACE WATER AND BORING GROUND WATER SAMPLES(mg/L)
FORMER MANSFIELD STAMPING PLANT

Sample Locations		-	-	-	-	-	IA-2-2	IA-4-3	IA-4-7	IA-5-1	IA-5-2	IA-5-3	IA-5-4	IA-6-1	IA-10-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Notes:

NS = Not sampled	
U = indicates analyte not detected at indicated reporting limit (RL)	J - value qualified due to concentration being below quantitation limit, or due to QA/QC data outside of control limits
Highlighted values exceed one or more screening level concentrations	B - value qualified due to detection of analyte in one or more associated laboratory blanks
mg/L = milligrams per liter	VAP - Ohio Voluntary Action Program
All laboratory data provided by Test America Laboratories	RCRA - Resource, conservation, and recovery act
* = Ohio BUSTR Tier 1 Action Levels	Standards from OAC 3745-300-08 updated August, 2014
NE = no screening level standard has been established	