TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			***BH1-13***	***BH2-13***	***BH3-13***	***BH4-13***	***BH5-13***	***BH6-13***	***BH7-13***	***BH8-13***	***BH9-13***
Sample ID:			***GW-38443-061313-SM-016***	***GW-038443-061413-SM-021***	***GW-038443-061413-SM-020***	***GW-038443-061413-SM-022***	***GW-038443-061413-SM-019***	***GW-38443-061313-GL-017***	***GW-38443-061213-GL-011***	***GW-38443-061313-GL-014***	***GW-38443-061113-GL-001***
Sample Date:			***6/13/2013***	***6/14/2013***	***6/14/2013***	***6/14/2013***	***6/14/2013***	***6/13/2013***	***6/12/2013***	***6/13/2013***	***6/11/2013***
Sample Depth:	***USEPA Regional Screening Levels [1]***		***22.5-26.5 ft BGS***	***21.5-25.5 ft BGS***	***22.75-26.75 ft BGS***	***21.3-25.3 ft BGS***	***21-25 ft BGS***	***22-26 ft BGS***	***22-26 ft BGS***	***22.5-26.5 ft BGS***	***21.5-25.5 ft BGS***
Parameter	***MCL***	***Tap Water***									
	a	***b***									
Volatile Organic Compounds											
1,1,1-Trichloroethane	200	7500	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	-	0.066	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5	0.24	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	-	2.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.27 J
1,1-Dichloroethene	7	260	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	70	0.99	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.2	0.00032	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.05	0.0065	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	600	280	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5	0.15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5	0.38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75	0.42	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	-	4900	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	-	34	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	-	1000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	-	12000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	5	0.39	1.0 U	1.0 U	1.0 U	0.40 J[b]	1.0 U	1.0 U	1.0 U	1.0 U	0.17 J
Bromodichloromethane	80	0.12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	80	7.9	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 U
Bromomethane (Methyl bromide)	-	7	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 U
Carbon disulfide	-	720	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5	0.39	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	100	72	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	-	21000	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 U
Chloroform (Trichloromethane)	80	0.19	1.0 U	1.0 U	1.0 U	1.3[b]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	-	190	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70	28	0.45 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.37 J
cis-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	-	13000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	80	0.15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	-	190	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	700	1.3	1.0 U	1.0 U	1.0 U	1.2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	-	390	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	-	16000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	-	12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	5	9.9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	-	0.14	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100	1100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5	9.7	1.0 U	1.0 U	1.0 U	2.2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	1000	860	1.0 U	1.0 U	0.21 J	3.0	1.0 U	1.0 U	0.18 J	1.0 U	0.27 J
trans-1,2-Dichloroethene	100	86	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5	0.44	1.4[b]	0.71 J[b]	0.43 J	1.9[b]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	-	1100	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	-	53000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2	0.015	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	10000	190	2.0 U	2.0 U	2.0 U	4.4	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals			***Metals***									
Aluminum (dissolved)	-	16000	Aluminum (dissolved)	-	16000	200 U	200 U	-	200 U	-	-	-
Antimony (dissolved)	6	6	Antimony (dissolved)	6	6	10 U	10 U	-	10 U	-	-	-
Arsenic (dissolved)	10	0.045	Arsenic (dissolved)	10	0.045	10 U	10 U	-	10 U	-	-	-
Barium (dissolved)	2000	2900	Barium (dissolved)	2000	2900	120 J	130 J	-	430	-	-	-
Beryllium (dissolved)	4	16	Beryllium (dissolved)	4	16	5.0 U	5.0 U	-	5.0 U	-	-	-
Cadmium (dissolved)	5	6.9	Cadmium (dissolved)	5	6.9	2.0 U	2.0 U	-	2.0 U	-	-	-
Calcium (dissolved)	-	-	Calcium (dissolved)	-	-	140000	140000	-	160000	-	-	-
Chromium (dissolved)	100	-	Chromium (dissolved)	100	-	5.0 U	5.0 U	-	5.0 U	-	-	-
Cobalt (dissolved)	-	4.7	Cobalt (dissolved)	-	4.7	7.0 U	2.7 J	-	7.0 U	-	-	-
Copper (dissolved)	1300	620	Copper (dissolved)	1300	620	25 U	25 U	-	25 U	-	-	-
Iron (dissolved)	-	11000	Iron (dissolved)	-	11000	700	540	-	110	-	-	-
Lead (dissolved)	15	-	Lead (dissolved)	15	-	3.0 U	3.0 U	-	3.0 U	-	-	-
Magnesium (dissolved)	-	-	Magnesium (dissolved)	-	-	48000	44000	-	52000	-	-	-
Manganese (dissolved)	-	320	Manganese (dissolved)	-	320	120	310	-	370*	-	-	-
Mercury (dissolved)	2	0.63	Mercury (dissolved)	2	0.63	0.20 U	0.20 U	-	0.20 U	-	-	-
Nickel (dissolved)	-	300	Nickel (dissolved)	-	300	6.5 J	8.6 J	-	15 J	-	-	-
Potassium (dissolved)	-	-	Potassium (dissolved)	-	-	9400	9000	-	10000	-	-	-
Selenium (dissolved)	50	78	Selenium (dissolved)	50	78	26	24	-	6.6	-	-	-
Silver (dissolved)	-	71	Silver (dissolved)	-	71	5.0 U	5.0 U	-	5.0 U	-	-	-
Sodium (dissolved)	-	-	Sodium (dissolved)	-	-	130000	130000	-	120000	-	-	-
Thallium (dissolved)	2	0.16	Thallium (dissolved)	2	0.16	10 U	10 U	-	10 U	-	-	-
Vanadium (dissolved)	-	78	Vanadium (dissolved)	-	78	7.0 U	7.0 U	-	7.0 U	-	-	-
Zinc (dissolved)	-	4700	Zinc (dissolved)	-	4700	50 U	50 U	-	50 U	-	-	-
PCBs			***PCBs***									
Aroclor-1016 (PCB-1016)	-	0.96	Aroclor-1016 (PCB-1016)	-	0.96	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	-	0.004	Aroclor-1221 (PCB-1221)	-	0.004	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	-	0.004	Aroclor-1232 (PCB-1232)	-	0.004	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	0.034	Aroclor-1242 (PCB-1242)	-	0.034	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	0.034	Aroclor-1248 (PCB-1248)	-	0.034	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	0.034	Aroclor-1254 (PCB-1254)	-	0.034	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	0.034	Aroclor-1260 (PCB-1260)	-	0.034	-	-	-	-	-	-	-
Petroleum Hydrocarbons			***Petroleum Hydrocarbons***									
Total Petroleum Hydrocarbons (C10-C20)	-	-	Total Petroleum Hydrocarbons (C10-C20)	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-	Total Petroleum Hydrocarbons (C20-C34)	-	-	-	-	-	-	-	-	-

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			BH8-13	BH9-13	BH10-13	BH11-13	BH12-13	BH13-13	BH14-13	BH15-13	BH16-13	BH16-13
Sample ID:			GW-38443-061313-GL-014	GW-38443-061113-GL-001	GW-38443-061113-SM-002	GW-38443-061113-GL-003	GW-38443-061113-SM-006	GW-38443-061213-SM-007	GW-38443-061113-GL-005	GW-38443-061213-GL-013	GW-38443-061213-GL-008	GW-38443-061213-GL-009
Sample Date:			6/13/2013	6/11/2013	6/11/2013	6/11/2013	6/11/2013	6/12/2013	6/11/2013	6/12/2013	6/12/2013	6/12/2013
Sample Depth:	USEPA Regional Screening Levels [1]		22.5-26.5 ft BGS	21.5-25.5 ft BGS	21.5-25.5 ft BGS	21.5-25.5 ft BGS	21.5-25.5 ft BGS	21.5-25.5 ft BGS	21.5-25.5 ft BGS	21.5-25.5 ft BGS	21.5-25.5 ft BGS	21.5-25.5 ft BGS
												Duplicate
Parameter	MCL a	Tap Water b										
Volatile Organic Compounds												
1,1,1-Trichloroethane	200	7500	1.0 U	1.0 U	1.0 U	1.0 U	0.26 J	0.53 J	0.32 J	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	-	0.066	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5	0.24	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	-	2.4	1.0 U	0.27 J	1.0 U	0.31 J	1.0 U	1.0 U	1.0 U	0.20 J	1.0 U	1.0 U
1,1-Dichloroethene	7	260	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	70	0.99	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.2	0.00032	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.05	0.0065	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	600	280	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5	0.15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5	0.38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75	0.42	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	-	4900	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	-	34	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	-	1000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	-	12000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	5	0.39	1.0 U	0.17 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	80	0.12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	80	7.9	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	-	7	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	-	720	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5	0.39	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	100	72	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	-	21000	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	80	0.19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	-	190	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70	28	1.0 U	0.37 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	-	13000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	80	0.15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	-	190	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	700	1.3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	-	390	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	-	16000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	-	12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	5	9.9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	-	0.14	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100	1100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5	9.7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	1000	860	1.0 U	0.27 J	0.18 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	100	86	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5	0.44	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.27 J	1.0 U	0.93 J[a]	0.96 J[a]
Trichlorofluoromethane (CFC-11)	-	1100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	-	53000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2	0.015	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	10000	190	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals												
Aluminum (dissolved)	-	16000	-	-	-	200 U	-	-	-	-	-	-
Antimony (dissolved)	6	6	-	-	-	10 U	-	-	-	-	-	-
Arsenic (dissolved)	10	0.045	-	-	-	10 U	-	-	-	-	-	-
Barium (dissolved)	2000	2900	-	-	-	270	-	-	-	-	-	-
Beryllium (dissolved)	4	16	-	-	-	5.0 U	-	-	-	-	-	-
Cadmium (dissolved)	5	6.9	-	-	-	2.0 U	-	-	-	-	-	-
Calcium (dissolved)	-	-	-	-	-	160000	-	-	-	-	-	-
Chromium (dissolved)	100	-	-	-	-	5.0 U	-	-	-	-	-	-
Cobalt (dissolved)	-	4.7	-	-	-	7.0 U	-	-	-	-	-	-
Copper (dissolved)	1300	620	-	-	-	25 U	-	-	-	-	-	-
Iron (dissolved)	-	11000	-	-	-	510	-	-	-	-	-	-
Lead (dissolved)	15	-	-	-	-	3.0 U	-	-	-	-	-	-
Magnesium (dissolved)	-	-	-	-	-	51000	-	-	-	-	-	-
Manganese (dissolved)	-	320	-	-	-	140	-	-	-	-	-	-
Mercury (dissolved)	2	0.63	-	-	-	0.20 U	-	-	-	-	-	-
Nickel (dissolved)	-	300	-	-	-	13 J	-	-	-	-	-	-
Potassium (dissolved)	-	-	-	-	-	11000 J	-	-	-	-	-	-
Selenium (dissolved)	50	78	-	-	-	5.1	-	-	-	-	-	-
Silver (dissolved)	-	71	-	-	-	5.0 U	-	-	-	-	-	-
Sodium (dissolved)	-	-	-	-	-	220000	-	-	-	-	-	-
Thallium (dissolved)	2	0.16	-	-	-	10 U	-	-	-	-	-	-
Vanadium (dissolved)	-	78	-	-	-	7.0 U	-	-	-	-	-	-
Zinc (dissolved)	-	4700	-	-	-	50 U	-	-	-	-	-	-
PCBs												
Aroclor-1016 (PCB-1016)	-	0.96	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	-	0.004	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	-	0.004	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	0.034	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	0.034	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	0.034	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	0.034	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons (C10-C20)	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			BH16-13	BH17-13	BH17-13	BH18-13	BH18-13	BH18-13	BH19-13	BH20-13	BH20-13	BH21-13
Sample ID:			GW-38443-071013-JT-108	GW-38443-061213-SM-010	GW-38443-071013-JT-107	GW-38443-061213-SM-012	GW-38443-070913-JT-105	GW-38443-070913-JT-106	GW-38443-061313-SM-015	WG-38443-061713-SM-023	WG-38443-061713-SM-024	WG-38443-061713-SM-025
Sample Date:			7/10/2013	6/12/2013	7/10/2013	6/12/2013	7/9/2013	7/9/2013	6/13/2013	6/17/2013	6/17/2013	6/17/2013
Sample Depth:	USEPA Regional Screening Levels [1]		29.5-33.5 ft BGS	21.5-25.5 ft BGS	29.5-33.5 ft BGS	21.5-25.5 ft BGS	29.5-33.5 ft BGS	29.5-33.5 ft BGS	19.25-23.25 ft BGS	20.5-24.5 ft BGS	20.5-24.5 ft BGS	19.25-23.25 ft BGS
								Duplicate			Duplicate	
Parameter	MCL a	Tap Water b										
Volatile Organic Compounds												
1,1,1-Trichloroethane	200	7500	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	-	0.066	2.0 UJ	1.0 U	2.9 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5	0.24	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	-	2.4	2.0 U	1.0 U	2.9 U	0.22 J	0.25 J	1.0 U	0.23 J	1.0 U	1.0 U	0.45 J
1,1-Dichloroethene	7	260	0.47 J	1.0 U	1.1 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	70	0.99	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.2	0.00032	4.0 U	2.0 U	5.7 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.05	0.0065	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	600	280	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5	0.15	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5	0.38	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	-	-	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75	0.42	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	-	4900	4.7 J	10 U	29 U	10 U	10 U	2.7 J	10 U	10 U	10 U	10 U
2-Hexanone	-	34	20 UJ	10 U	29 UJ	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	-	1000	20 UJ	10 U	29 UJ	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U
Acetone	-	12000	20 U	10 U	29 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	5	0.39	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	80	0.12	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	80	7.9	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	-	7	2.0 UJ	1.0 U	2.9 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Carbon disulfide	-	720	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5	0.39	2.0 UJ	1.0 U	2.9 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	100	72	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	-	21000	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	80	0.19	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	-	190	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70	28	15	1.0 U	27	3.1	4.4	4.3	3.5	1.0	1.0	0.52 J
cis-1,3-Dichloropropene	-	-	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	-	13000	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	80	0.15	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	-	190	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	700	1.3	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	-	390	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	-	16000	20 UJ	10 U	29 UJ	10 U	10 U	10 U	0.38 J	10 U	10 U	10 U
Methyl cyclohexane	-	-	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	-	12	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	5	9.9	2.0 U	1.0 U	2.9 U	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	-	0.14	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100	1100	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5	9.7	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	1000	860	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.13 J	0.19 J
trans-1,2-Dichloroethene	100	86	0.72 J	1.0 U	1.9 J	1.0 U	0.26 J	0.20 J	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	-	-	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5	0.44	78[ab]	0.56 J[b]	94[ab]	3.4[b]	8.8[ab]	8.2[ab]	1.8[b]	1.8[b]	1.8[b]	1.0 U
Trichlorofluoromethane (CFC-11)	-	1100	2.0 UJ	1.0 U	2.9 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ
Trifluorotrichloroethane (Freon 113)	-	53000	2.0 UJ	1.0 U	2.9 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2	0.015	2.0 U	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	10000	190	4.0 U	2.0 U	5.7 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals												
Aluminum (dissolved)	-	16000	-	-	-	200 U	200 U	200 U	-	-	-	-
Antimony (dissolved)	6	6	-	-	-	10 U	10 U	10 U	-	-	-	-
Arsenic (dissolved)	10	0.045	-	-	-	10 U	10 U	10 U	-	-	-	-
Barium (dissolved)	2000	2900	-	-	-	140 J	160 J	150 J	-	-	-	-
Beryllium (dissolved)	4	16	-	-	-	5.0 U	5.0 U	5.0 U	-	-	-	-
Cadmium (dissolved)	5	6.9	-	-	-	2.0 U	2.0 U	2.0 U	-	-	-	-
Calcium (dissolved)	-	-	-	-	-	150000	150000	130000	-	-	-	-
Chromium (dissolved)	100	-	-	-	-	5.0 U	5.0 U	5.0 U	-	-	-	-
Cobalt (dissolved)	-	4.7	-	-	-	3.2 J	1.8 J	2.0 J	-	-	-	-
Copper (dissolved)	1300	820	-	-	-	25 U	25 U	25 U	-	-	-	-
Iron (dissolved)	-	11000	-	-	-	2500	740	760	-	-	-	-
Lead (dissolved)	15	-	-	-	-	3.0 U	1.9 J	3.0 U	-	-	-	-
Magnesium (dissolved)	-	-	-	-	-	58000	58000	53000	-	-	-	-
Manganese (dissolved)	-	320	-	-	-	430[b]	260	250	-	-	-	-
Mercury (dissolved)	2	0.63	-	-	-	0.20 U	0.20 U	0.20 U	-	-	-	-
Nickel (dissolved)	-	300	-	-	-	11 J	7.0 J	7.9 J	-	-	-	-
Potassium (dissolved)	-	-	-	-	-	11000	10000	9400	-	-	-	-
Selenium (dissolved)	50	78	-	-	-	5.0 U	5.0 U	5.0 U	-	-	-	-
Silver (dissolved)	-	71	-	-	-	5.0 U	5.0 U	5.0 U	-	-	-	-
Sodium (dissolved)	-	-	-	-	-	86000	100000	93000	-	-	-	-
Thallium (dissolved)	2	0.16	-	-	-	10 U	10 U	10 U	-	-	-	-
Vanadium (dissolved)	-	78	-	-	-	7.0 U	7.0 U	7.0 U	-	-	-	-
Zinc (dissolved)	-	4700	-	-	-	50 U	50 U	50 U	-	-	-	-
PCBs												
Aroclor-1016 (PCB-1016)	-	0.96	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	-	0.004	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	-	0.004	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	0.034	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	0.034	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	0.034	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	0.034	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons (C10-C20)	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			BH22-13	BH23-13	BH24-13	BH24-13	BH25-13	BH30-13	BH31-13	BH32-13	BH32-13	BH33-13
Sample ID:			WG-38443-061713-SM-026	WG-38443-061813-SM-031	WG-38443-061813-SM-027	WG-38443-061813-SM-028	WG-38443-061813-SM-029	GW-38443-070313-SK-097	GW-38443-070113-SK-086	GW-38443-070213-SK-093	GW-38443-070213-SK-094	GW-038443-062713-SM-078
Sample Date:			6/17/2013	6/18/2013	6/18/2013	6/18/2013	6/18/2013	7/3/2013	7/1/2013	7/2/2013	7/2/2013	6/27/2013
Sample Depth:	USEPA Regional Screening Levels [1]		21.5-25.5 ft BGS	20.5-24.5 ft BGS	20.6-24.6 ft BGS	20.6-24.6 ft BGS	21.75-25.75 ft BGS	32.5-36.5 ft BGS	29.5-33.5 ft BGS	29.5-33.5 ft BGS	29.5-33.5 ft BGS	26-30 ft BGS
						Duplicate					Duplicate	
Parameter	MCL a	Tap Water b										
Volatile Organic Compounds												
1,1,1-Trichloroethane	200	7500	1.0 U	1.0 U	1.0 U	1.0 U	0.67 J	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
1,1,2,2-Tetrachloroethane	-	0.066	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
1,1,2-Trichloroethane	5	0.24	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
1,1-Dichloroethane	-	2.4	0.24 J	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
1,1-Dichloroethene	7	260	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
1,2,4-Trichlorobenzene	70	0.99	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 UJ	2.0 U	1.0 U	1.0 U	5.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.2	0.00032	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.9 UJ	4.0 U	2.0 U	2.0 U	10 U
1,2-Dibromoethane (Ethylene dibromide)	0.05	0.0065	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
1,2-Dichlorobenzene	600	280	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
1,2-Dichloroethane	5	0.15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	2.0 J[b]
1,2-Dichloropropane	5	0.38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
1,3-Dichlorobenzene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
1,4-Dichlorobenzene	75	0.42	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	-	4900	10 U	10 U	10 U	10 U	10 U	14 U	20 U	10 U	10 U	50 U
2-Hexanone	-	34	10 UJ	10 U	10 UJ	10 UJ	10 UJ	14 U	20 U	10 U	10 U	50 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	-	1000	10 U	10 U	10 U	10 U	10 U	14 U	20 U	10 U	10 U	50 U
Acetone	-	12000	10 U	10 U	10 U	10 U	10 U	14 U	20 U	10 U	10 U	7.1 J
Benzene	5	0.39	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.19 J	0.31 J	1.0 U	1.0 U	80[ab]
Bromodichloromethane	80	0.12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
Bromoform	80	7.9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 UJ
Bromomethane (Methyl bromide)	-	7	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
Carbon disulfide	-	720	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
Carbon tetrachloride	5	0.39	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
Chlorobenzene	100	72	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
Chloroethane	-	21000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	9.4
Chloroform (Trichloromethane)	80	0.19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
Chloromethane (Methyl chloride)	-	190	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
cis-1,2-Dichloroethene	70	28	1.1	0.37 J	0.33 J	0.46 J	1.0 U	1.6	49[b]	0.88 J	0.94 J	3.8 J
cis-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
Cyclohexane	-	13000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	1.0 J
Dibromochloromethane	80	0.15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
Dichlorodifluoromethane (CFC-12)	-	190	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
Ethylbenzene	700	1.3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	100[a]
Isopropyl benzene	-	390	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	6.8
Methyl acetate	-	16000	10 U	10 U	10 U	10 U	10 U	14 U	20 U	10 U	10 U	50 U
Methyl cyclohexane	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	0.99 J
Methyl tert butyl ether (MTBE)	-	12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
Methylene chloride	5	9.9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
Naphthalene	-	0.14	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.4 U	2.0 U	1.0 U	1.0 U	5.1[b]
Styrene	100	1100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	0.69 J
Tetrachloroethene	5	9.7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
Toluene	1000	860	1.0 U	1.0 U	1.0 U	1.0 U	0.15 J	1.4 U	2.0 U	0.17 J	0.13 J	32
trans-1,2-Dichloroethene	100	86	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	1.1 J	1.0 U	1.0 U	5.0 U
trans-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 UJ	2.0 U	1.0 U	1.0 U	5.0 U
Trichloroethene	5	0.44	0.72 J[a]	0.79 J[a]	1.7[a]	2.0[a]	1.3[a]	39[ab]	57[ab]	1.0 U	1.0 U	5.0 U
Trichlorofluoromethane (CFC-11)	-	1100	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
Trifluorotrichloroethane (Freon 113)	-	53000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U
Vinyl chloride	2	0.015	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	9.4[ab]	1.0 U	1.0 U	1.1 J[a]
Xylenes (total)	10000	190	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.9 U	4.0 U	2.0 U	2.0 U	190

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals												
Aluminum (dissolved)	-	16000	200 U	-	-	-	200 U	200 U	-	-	-	-
Antimony (dissolved)	6	6	10 U	-	-	-	10 U	10 U	-	-	-	-
Arsenic (dissolved)	10	0.045	10 U	-	-	-	10 U	10 U	-	-	-	-
Barium (dissolved)	2000	2900	110 J	-	-	-	220	270	-	-	-	-
Beryllium (dissolved)	4	16	5.0 U	-	-	-	5.0 U	5.0 U	-	-	-	-
Cadmium (dissolved)	5	6.9	2.0 U	-	-	-	2.0 U	2.0 U	-	-	-	-
Calcium (dissolved)	-	-	140000	-	-	-	150000	160000	-	-	-	-
Chromium (dissolved)	100	-	5.0 U	-	-	-	5.0 U	5.0 U	-	-	-	-
Cobalt (dissolved)	-	4.7	7.0 U	-	-	-	7.0 U	7.0 U	-	-	-	-
Copper (dissolved)	1300	620	25 U	-	-	-	25 U	25 U	-	-	-	-
Iron (dissolved)	-	11000	150	-	-	-	610	1200	-	-	-	-
Lead (dissolved)	15	-	3.0 U	-	-	-	3.0 U	3.0 U	-	-	-	-
Magnesium (dissolved)	-	-	53000	-	-	-	46000	43000	-	-	-	-
Manganese (dissolved)	-	320	440[h]	-	-	-	280	150	-	-	-	-
Mercury (dissolved)	2	0.63	0.20 U	-	-	-	0.20 U	0.20 U	-	-	-	-
Nickel (dissolved)	-	300	7.4 J	-	-	-	5.8 J	40 U	-	-	-	-
Potassium (dissolved)	-	-	9400	-	-	-	8900	7200	-	-	-	-
Selenium (dissolved)	50	78	5.0 U	-	-	-	5.0 U	11	-	-	-	-
Silver (dissolved)	-	71	5.0 U	-	-	-	5.0 U	5.0 U	-	-	-	-
Sodium (dissolved)	-	-	91000	-	-	-	48000	35000	-	-	-	-
Thallium (dissolved)	2	0.16	5.5 J[ab]	-	-	-	5.1 J[ab]	10 U	-	-	-	-
Vanadium (dissolved)	-	78	7.0 U	-	-	-	7.0 U	7.0 U	-	-	-	-
Zinc (dissolved)	-	4700	50 U	-	-	-	50 U	50 U	-	-	-	-
PCBs												
Aroclor-1016 (PCB-1016)	-	0.96	-	-	-	-	-	0.48 U	-	-	-	-
Aroclor-1221 (PCB-1221)	-	0.004	-	-	-	-	-	0.48 U	-	-	-	-
Aroclor-1232 (PCB-1232)	-	0.004	-	-	-	-	-	0.48 U	-	-	-	-
Aroclor-1242 (PCB-1242)	-	0.034	-	-	-	-	-	0.48 U	-	-	-	-
Aroclor-1248 (PCB-1248)	-	0.034	-	-	-	-	-	0.48 U	-	-	-	-
Aroclor-1254 (PCB-1254)	-	0.034	-	-	-	-	-	0.48 U	-	-	-	-
Aroclor-1260 (PCB-1260)	-	0.034	-	-	-	-	-	0.48 U	-	-	-	-
Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons (C10-C20)	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			BH34-13	BH34-13	BH35-13	BH36-13	BH37-13	BH38-13	BH39-13	BH40-13	BH42-13	BH43-13
Sample ID:			GW-038443-062713-SM-081	GW-38443-062713-SM-081	GW-38443-062813-SM-083	GW-38443-070213-SK-087	GW-38443-070313-SK-095	GW-38443-062813-SM-082	GW-38443-070113-SK-085	GW-38443-070213-SK-089	GW-38443-070813-JT-098	GW-38443-070213-SK-090
Sample Date:			6/27/2013	6/27/2013	6/28/2013	7/2/2013	7/3/2013	6/28/2013	7/1/2013	7/2/2013	7/8/2013	7/2/2013
Sample Depth:		USEPA Regional Screening Levels [1]	-	27.5-31.5 ft BGS	27.5-31.5 ft BGS	33-37 ft BGS	28-32 ft BGS	28.5-32.5 ft BGS	31-25 ft BGS	31.5-35.5 ft BGS	33-37 ft BGS	28.5-32.5 ft BGS
Parameter	MCL a	Tap Water b										
Volatile Organic Compounds												
1,1,1-Trichloroethane	200	7500	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.48 J
1,1,2,2-Tetrachloroethane	-	0.066	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U
1,1,2-Trichloroethane	5	0.24	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	-	2.4	1.0 U	0.99 J	1.0 U	1.0 U	0.44 J	1.0 U	0.37 J	1.0 U	1.0 U	4.0[b]
1,1-Dichloroethene	7	260	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	70	0.99	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.2	0.00032	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.05	0.0065	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	600	280	1.0 U	0.45 J	1.0 U	1.0 U	0.21 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5	0.15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5	0.38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75	0.42	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	-	4900	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	-	34	10 U	10 UJ	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	-	1000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U
Acetone	-	12000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	5	0.39	0.49 J[a]	0.48 J[a]	1.0 U	1.0 U	0.63 J[a]	1.0 U	1.0 U	1.0 U	1.0 U	0.15 J
Bromodichloromethane	80	0.12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	80	7.9	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	-	7	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U
Carbon disulfide	-	720	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5	0.39	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U
Chlorobenzene	100	72	0.62 J	0.59 J	1.0 U	1.0 U	0.61 J	1.0 U	1.0 U	1.0 U	0.44 J	1.0 U
Chloroethane	-	21000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	80	0.19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	-	190	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70	28	1.7	2.6	1.0 U	1.6	4.7	1.0 U	6.6	2.0	1.0 U	27
cis-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	-	13000	1.0 U	1.0 U	1.0 U	1.0 U	0.12 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	80	0.15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	-	190	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	700	1.3	1.0 U	0.46 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	-	390	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	-	16000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U
Methyl cyclohexane	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	-	12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	5	9.9	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	-	0.14	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4[b]	1.0 U
Styrene	100	1100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5	9.7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	1000	860	0.34 J	11	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.18 J	1.0 U
trans-1,2-Dichloroethene	100	86	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.45 J
trans-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5	0.44	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0[b]	0.56 J[b]	1.0 U	6.1[ab]
Trichlorofluoromethane (CFC-11)	-	1100	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U
Trifluorotrichloroethane (Freon 113)	-	53000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U
Vinyl chloride	2	0.015	11[ab]	1.9[a]	2.2[ab]	2.3[ab]	7.7[ab]	1.0 U	3.8[ab]	0.25 J[a]	3.5[ab]	6.2[ab]
Xylenes (total)	10000	190	2.0 U	2.2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals												
Aluminum (dissolved)	-	16000	-	-	-	200 U	-	-	-	200 U	-	-
Antimony (dissolved)	6	6	-	-	-	10 U	-	-	-	10 U	-	-
Arsenic (dissolved)	10	0.045	-	-	-	10 U	-	-	-	10 U	-	-
Barium (dissolved)	2000	2900	-	-	-	930	-	-	-	630	-	-
Beryllium (dissolved)	4	16	-	-	-	5.0 U	-	-	-	5.0 U	-	-
Cadmium (dissolved)	5	6.9	-	-	-	2.0 U	-	-	-	2.0 U	-	-
Calcium (dissolved)	-	-	-	-	-	110000	-	-	-	130000	-	-
Chromium (dissolved)	100	-	-	-	-	5.0 U	-	-	-	5.0 U	-	-
Cobalt (dissolved)	-	4.7	-	-	-	7.0 U	-	-	-	2.7 J	-	-
Copper (dissolved)	1300	620	-	-	-	25 U	-	-	-	25 U	-	-
Iron (dissolved)	-	11000	-	-	-	2100	-	-	-	2600	-	-
Lead (dissolved)	15	-	-	-	-	3.0 U	-	-	-	3.0 U	-	-
Magnesium (dissolved)	-	-	-	-	-	51000	-	-	-	70000	-	-
Manganese (dissolved)	-	320	-	-	-	1200[b]	-	-	-	720[b]	-	-
Mercury (dissolved)	2	0.63	-	-	-	0.20 U	-	-	-	0.20 U	-	-
Nickel (dissolved)	-	300	-	-	-	14 J	-	-	-	7.3 J	-	-
Potassium (dissolved)	-	-	-	-	-	16000	-	-	-	20000 J	-	-
Selenium (dissolved)	50	78	-	-	-	5.0 U	-	-	-	5.0 U	-	-
Silver (dissolved)	-	71	-	-	-	5.0 U	-	-	-	5.0 U	-	-
Sodium (dissolved)	-	-	-	-	-	65000	-	-	-	73000	-	-
Thallium (dissolved)	2	0.16	-	-	-	6.7 J[ab]	-	-	-	5.0 J[ab]	-	-
Vanadium (dissolved)	-	78	-	-	-	7.0 U	-	-	-	7.0 U	-	-
Zinc (dissolved)	-	4700	-	-	-	51 U	-	-	-	50 U	-	-
PCBs												
Aroclor-1016 (PCB-1016)	-	0.96	-	-	-	0.48 U	-	-	-	0.48 U	-	-
Aroclor-1221 (PCB-1221)	-	0.004	-	-	-	0.48 U	-	-	-	0.48 U	-	-
Aroclor-1232 (PCB-1232)	-	0.004	-	-	-	0.48 U	-	-	-	0.48 U	-	-
Aroclor-1242 (PCB-1242)	-	0.034	-	-	-	0.48 U	-	-	-	0.48 U	-	-
Aroclor-1248 (PCB-1248)	-	0.034	-	-	-	0.48 U	-	-	-	0.48 U	-	-
Aroclor-1254 (PCB-1254)	-	0.034	-	-	-	0.48 U	-	-	-	0.48 U	-	-
Aroclor-1260 (PCB-1260)	-	0.034	-	-	-	0.48 U	-	-	-	0.48 U	-	-
Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons (C10-C20)	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			BH44-13	BH46-13	BH46B-13	BH48B-13	BH49-13	BH51-13	BH52-13	BH53-13	BH54-13	BH55-13
Sample ID:			GW-38443-070213-SK-091	GW-38443-070213-SK-092	GW-38443-070313-SK-096	GW-38443-070813-JT-099	WG-38443-061813-SM-032	WG-38443-062113-SM-058	WG-38443-061913-SM-041	WG-38443-061813-SM-034	WG-38443-061813-SM-033	WG-38443-061813-SM-035
Sample Date:			7/2/2013	7/2/2013	7/3/2013	7/8/2013	6/18/2013	6/21/2013	6/19/2013	6/18/2013	6/18/2013	6/18/2013
Sample Depth:	USEPA Regional Screening Levels [1]		38.5-42.5 ft BGS	31-35 ft BGS	29-33 ft BGS	30-34 ft BGS	21.5-25.5 ft BGS	22.5-26.5 ft BGS	24.8-28.8 ft BGS	22-26 ft BGS	21.5-25.5 ft BGS	25.5-29.5 ft BGS
Parameter	MCL a	Tap Water b										
Volatile Organic Compounds												
1,1,1-Trichloroethane	200	7500	1.0 U	11 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	-	0.066	1.0 U	11 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5	0.24	1.0 U	11 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	-	2.4	0.53 J	11 U	1.0 U	0.18 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	7	260	1.0 U	11 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	70	0.99	1.0 U	11 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.2	0.00032	2.0 U	22 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.05	0.0065	1.0 U	11 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	600	280	1.0 U	1.4 J	1.0 U	0.92 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5	0.15	1.0 U	11 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5	0.38	1.0 U	11 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	-	-	1.0 U	11 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75	0.42	1.0 U	11 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	-	4900	10 U	110 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	-	34	10 U	110 U	10 U	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	-	1000	10 U	110 U	10 U	10 UJ	10 U	0.34 J	10 U	10 U	10 U	10 U
Acetone	-	12000	10 U	110 U	10 U	10 U	10 U	10 U	1.3 J	10 U	10 U	10 U
Benzene	5	0.39	1.0 U	100[ab]	1.0 U	0.61 J[b]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	80	0.12	1.0 U	11 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	80	7.9	1.0 U	11 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	-	7	1.0 U	11 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Carbon disulfide	-	720	1.0 U	11 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5	0.39	1.0 U	11 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	100	72	1.0 U	6.3 J	0.41 J	1.7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	-	21000	1.0 U	11 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	80	0.19	1.0 U	11 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	-	190	1.0 U	11 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70	28	1.7	2.8 J	1.0 U	2.5	0.33 J	1.0 U	5.6	0.52 J	0.17 J	2.5
cis-1,3-Dichloropropene	-	-	1.0 U	11 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	-	13000	1.0 U	11 U	1.0 U	0.22 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	80	0.15	1.0 U	11 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	-	190	1.0 U	11 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	700	1.3	1.0 U	9.9 J[b]	1.0 U	1.0 U	1.0 U	0.84 J	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	-	390	1.0 U	5.7 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	-	16000	10 U	110 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	-	-	1.0 U	11 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	-	12	1.0 U	11 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	5	9.9	1.0 U	11 U	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	-	0.14	1.0 U	11 U	1.0 U	1.0 U	1.0 U	0.32 J[b]	1.0 UJ	1.0 U	1.0 U	1.0 U
Styrene	100	1100	1.0 U	11 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5	9.7	1.0 U	11 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	1000	860	0.13 J	270	1.0 U	0.26 J	1.0 U	0.32 J	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	100	86	1.0 U	11 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	-	-	1.0 U	11 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5	0.44	1.9[b]	11 U	1.0 U	1.0 U	1.0 U	1.0 U	0.40 J	2.0[b]	0.68 J[b]	2.1[b]
Trichlorofluoromethane (CFC-11)	-	1100	1.0 U	11 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Trifluorotrichloroethane (Freon 113)	-	53000	1.0 U	11 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2	0.015	0.28 J[b]	11 U	1.0 U	2.9[ab]	1.0 U	1.0 U	0.73 J[b]	1.0 U	1.0 U	0.46 J[b]
Xylenes (total)	10000	190	2.0 U	36	2.0 U	2.0 U	2.0 U	6.3	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals												
Aluminum (dissolved)	-	16000	-	200 U	200 U	200 U	200 U	-	-	-	-	-
Antimony (dissolved)	6	6	-	10 U	10 U	10 U	10 U	-	-	-	-	-
Arsenic (dissolved)	10	0.045	-	5.1 J[b]	10 U	11[ab]	6.0 J[b]	-	-	-	-	-
Barium (dissolved)	2000	2900	-	830	570	660	1700	-	-	-	-	-
Beryllium (dissolved)	4	16	-	5.0 U	5.0 U	5.0 U	5.0 U	-	-	-	-	-
Cadmium (dissolved)	5	6.9	-	2.0 U	2.0 U	2.0 U	2.0 U	-	-	-	-	-
Calcium (dissolved)	-	-	-	160000	150000	150000	170000	-	-	-	-	-
Chromium (dissolved)	100	-	-	5.0 U	5.0 U	5.0 U	5.0 U	-	-	-	-	-
Cobalt (dissolved)	-	4.7	-	7.0 U	1.8 J	7.0 U	7.0 U	-	-	-	-	-
Copper (dissolved)	1300	820	-	25 U	8.3 J	25 U	25 U	-	-	-	-	-
Iron (dissolved)	-	11000	-	24000[b]	2400	12000[b]	8400	-	-	-	-	-
Lead (dissolved)	15	-	-	3.0 U	3.0 U	3.0 U	3.0 U	-	-	-	-	-
Magnesium (dissolved)	-	-	-	48000	49000	43000	57000	-	-	-	-	-
Manganese (dissolved)	-	320	-	280	1000[b]	230	440[b]	-	-	-	-	-
Mercury (dissolved)	2	0.63	-	0.20 U	0.20 U	0.20 U	0.20 U	-	-	-	-	-
Nickel (dissolved)	-	300	-	40 U	40 U	4.2 J	4.4 J	-	-	-	-	-
Potassium (dissolved)	-	-	-	17000 J	11000	8500	14000	-	-	-	-	-
Selenium (dissolved)	50	78	-	5.0 U	8.0	5.0 U	5.0 U	-	-	-	-	-
Silver (dissolved)	-	71	-	5.0 U	5.0 U	5.0 U	5.0 U	-	-	-	-	-
Sodium (dissolved)	-	-	-	100000	100000	83000	120000	-	-	-	-	-
Thallium (dissolved)	2	0.16	-	4.9 J[ab]	10 U	10 U	5.9 J[ab]	-	-	-	-	-
Vanadium (dissolved)	-	78	-	7.0 U	7.0 U	7.0 U	7.0 U	-	-	-	-	-
Zinc (dissolved)	-	4700	-	50 U	50 U	51	50 U	-	-	-	-	-
PCBs												
Aroclor-1016 (PCB-1016)	-	0.96	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	-	0.004	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	-	0.004	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	0.034	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	0.034	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	0.034	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	0.034	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons (C10-C20)	-	-	-	-	-	480 U	540 UJ	530 U	-	-	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-	-	-	-	480 U	540 UJ	530 U	-	-	-	-

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			BH56-13	BH57-13	BH57-13	BH58-13	BH59-13	BH60-13	BH61-13	BH62-13	BH63-13	BH64-13
Sample ID:			WG-38443-061913-SM-036	WG-38443-061913-SM-037	WG-38443-061913-SM-038	WG-38443-061913-SM-044	WG-38443-061913-SM-040	WG-38443-061913-SM-045	WG-38443-061913-SM-046	WG-38443-061913-SM-043	WG-38443-062013-SM-052	WG-38443-061913-SM-042
Sample Date:			6/19/2013	6/19/2013	6/19/2013	6/19/2013	6/19/2013	6/19/2013	6/19/2013	6/19/2013	6/20/2013	6/19/2013
Sample Depth:	USEPA Regional Screening Levels [1]		24-28 ft BGS	24-28 ft BGS	24-28 ft BGS	24.5-28.5 ft BGS	23.5-27.5 ft BGS	23-27 ft BGS	24.2-28.2 ft BGS	24.5-28.5 ft BGS	26-30 ft BGS	25-29 ft BGS
					Duplicate							
Parameter	MCL a	Tap Water b										
Volatile Organic Compounds												
1,1,1-Trichloroethane	200	7500	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	-	0.066	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5	0.24	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	-	2.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	7	260	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	70	0.99	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.2	0.00032	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.05	0.0065	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	600	280	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5	0.15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5	0.38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75	0.42	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	-	4900	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3.0 J	10 U	10 U
2-Hexanone	-	34	10 UJ	10 UJ	10 UJ	10 U	10 UJ	10 U	10 U	10 UJ	10 U	10 UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	-	1000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2.2 J	10 U	10 U
Acetone	-	12000	1.1 J	10 U	2.0 J	10 U	10 U	10 U	10 U	2.4 J	10 U	10 U
Benzene	5	0.39	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	80	0.12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	80	7.9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	-	7	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Carbon disulfide	-	720	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5	0.39	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	100	72	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	-	21000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	80	0.19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	-	190	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70	28	0.96 J	4.1	4.1	0.29 J	0.68 J	0.81 J	0.73 J	1.0 U	0.90 J	0.88 J
cis-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	-	13000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	80	0.15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	-	190	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	700	1.3	1.0 U	1.0 U	1.0 U	0.68 J	1.0 U	1.0 U	1.0 U	0.86 J	1.0 U	1.0 U
Isopropyl benzene	-	390	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	-	16000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	-	12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	5	9.9	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 U
Naphthalene	-	0.14	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	0.43 J[a]	1.0 UJ	1.0 UJ
Styrene	100	1100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5	9.7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	1000	860	1.0 U	1.0 U	1.0 U	0.34 J	0.14 J	1.0 U	1.0 U	0.50 J	0.22 J	1.0 U
trans-1,2-Dichloroethene	100	86	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5	0.44	0.71 J[a]	0.95 J[a]	0.95 J[a]	1.0 U	1.6[a]	1.3[a]	0.80 J[a]	1.0 U	0.70 J[a]	1.1[a]
Trichlorofluoromethane (CFC-11)	-	1100	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Trifluorotrichloroethane (Freon 113)	-	53000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2	0.015	1.0 U	0.48 J[a]	0.40 J[a]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	10000	190	2.0 U	2.0 U	2.0 U	4.7	2.0 U	2.0 U	2.0 U	7.3	2.0 U	2.0 U

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals												
Aluminum (dissolved)	-	16000	-	-	-	-	-	-	-	-	-	-
Antimony (dissolved)	6	6	-	-	-	-	-	-	-	-	-	-
Arsenic (dissolved)	10	0.045	-	-	-	-	-	-	-	-	-	-
Barium (dissolved)	2000	2900	-	-	-	-	-	-	-	-	-	-
Beryllium (dissolved)	4	16	-	-	-	-	-	-	-	-	-	-
Cadmium (dissolved)	5	6.9	-	-	-	-	-	-	-	-	-	-
Calcium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-
Chromium (dissolved)	100	-	-	-	-	-	-	-	-	-	-	-
Cobalt (dissolved)	-	4.7	-	-	-	-	-	-	-	-	-	-
Copper (dissolved)	1300	620	-	-	-	-	-	-	-	-	-	-
Iron (dissolved)	-	11000	-	-	-	-	-	-	-	-	-	-
Lead (dissolved)	15	-	-	-	-	-	-	-	-	-	-	-
Magnesium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-
Manganese (dissolved)	-	320	-	-	-	-	-	-	-	-	-	-
Mercury (dissolved)	2	0.63	-	-	-	-	-	-	-	-	-	-
Nickel (dissolved)	-	300	-	-	-	-	-	-	-	-	-	-
Potassium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-
Selenium (dissolved)	50	78	-	-	-	-	-	-	-	-	-	-
Silver (dissolved)	-	71	-	-	-	-	-	-	-	-	-	-
Sodium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-
Thallium (dissolved)	2	0.16	-	-	-	-	-	-	-	-	-	-
Vanadium (dissolved)	-	78	-	-	-	-	-	-	-	-	-	-
Zinc (dissolved)	-	4700	-	-	-	-	-	-	-	-	-	-
PCBs												
Aroclor-1016 (PCB-1016)	-	0.96	-	0.49 UJ	0.49 UJ	0.52 UJ	0.52 UJ	0.49 UJ	0.51 UJ	0.51 UJ	0.50 U	0.49 UJ
Aroclor-1221 (PCB-1221)	-	0.004	-	0.49 UJ	0.49 UJ	0.52 UJ	0.52 UJ	0.49 UJ	0.51 UJ	0.51 UJ	0.50 U	0.49 UJ
Aroclor-1232 (PCB-1232)	-	0.004	-	0.49 UJ	0.49 UJ	0.52 UJ	0.52 UJ	0.49 UJ	0.51 UJ	0.51 UJ	0.50 U	0.49 UJ
Aroclor-1242 (PCB-1242)	-	0.034	-	0.49 UJ	0.49 UJ	0.52 UJ	0.52 UJ	0.49 UJ	0.51 UJ	0.51 UJ	0.50 U	0.49 UJ
Aroclor-1248 (PCB-1248)	-	0.034	-	0.49 UJ	0.49 UJ	0.52 UJ	0.52 UJ	0.49 UJ	0.51 UJ	0.51 UJ	0.50 U	0.49 UJ
Aroclor-1254 (PCB-1254)	-	0.034	-	0.49 UJ	0.49 UJ	0.52 UJ	0.52 UJ	0.49 UJ	0.51 UJ	0.51 UJ	0.50 U	0.49 UJ
Aroclor-1260 (PCB-1260)	-	0.034	-	0.49 UJ	0.49 UJ	0.52 UJ	0.52 UJ	0.49 UJ	0.51 UJ	0.51 UJ	0.50 U	0.49 UJ
Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons (C10-C20)	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			BH65-13	BH66-13	BH67-13	BH68-13	BH69-13	BH70-13	BH71-13	BH72-13	BH73-13	BH74-13
Sample ID:			WG-38443-062013-SM-053	GW-38443-062613-SM-074	WG-38443-062013-SM-055	WG-38443-062013-SM-047	WG-38443-062113-SM-059	WG-38443-062113-SM-057	WG-38443-062013-SM-054	WG-38443-062013-SM-056	WG-38443-062013-SM-051	WG-38443-062013-SM-048
Sample Date:			6/20/2013	6/26/2013	6/20/2013	6/20/2013	6/21/2013	6/21/2013	6/20/2013	6/20/2013	6/20/2013	6/20/2013
Sample Depth:	USEPA Regional Screening Levels [1]		25-29 ft BGS	25-29 ft BGS	24-28 ft BGS	24.5-28.5 ft BGS	24-28 ft BGS	23.5-27.5 ft BGS	24.5-28.5 ft BGS	21.75-25.75 ft BGS	21.5-25.5 ft BGS	22-26 ft BGS
Parameter	MCL a	Tap Water b										
Volatile Organic Compounds												
1,1,1-Trichloroethane	200	7500	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	-	0.066	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5	0.24	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	-	2.4	1.0 U	0.53 J	0.55 J	1.0 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	7	260	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	70	0.99	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.2	0.00032	2.0 U	2.0 U	2.0 U	2.0 U	3.3 U	4.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.05	0.0065	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	600	280	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	0.35 J	1.0 U	1.0 U
1,2-Dichloroethane	5	0.15	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5	0.38	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	0.31 J	1.0 U	1.0 U
1,4-Dichlorobenzene	75	0.42	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	2.5[b]	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	-	4900	10 U	10 U	10 U	10 U	17 U	1.3 J	10 U	10 U	10 U	10 U
2-Hexanone	-	34	10 U	10 U	10 U	10 U	17 UJ	20 UJ	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	-	1000	10 U	10 U	10 U	10 U	17 U	20 U	10 U	10 U	10 U	10 U
Acetone	-	12000	10 U	10 U	10 U	10 U	17 UJ	20 UJ	10 U	10 U	10 U	10 U
Benzene	5	0.39	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	0.79 J[b]	1.0 U	1.0 U
Bromodichloromethane	80	0.12	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	80	7.9	1.0 U	1.0 UJ	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	-	7	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.7 UJ	2.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Carbon disulfide	-	720	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5	0.39	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	100	72	1.0 U	0.20 J	0.48 J	0.88 J	0.85 J	2.0 U	0.35 J	7.2	1.0 U	1.0 U
Chloroethane	-	21000	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	80	0.19	1.0 U	1.0 U	1.0 U	1.0 U	0.48 J[b]	0.67 J[b]	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	-	190	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70	28	1.8	2.0	1.0	1.4	25	0.72 J	2.0	0.44 J	1.0 U	1.0 U
cis-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	-	13000	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	0.74 J	1.0 U	1.0 U
Dibromochloromethane	80	0.15	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	-	190	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	700	1.3	1.0 U	0.39 J	0.67 J	1.0 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	0.42 J
Isopropyl benzene	-	390	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	2.7	1.0 U	1.0 U
Methyl acetate	-	16000	10 U	10 U	10 U	10 U	17 U	20 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	-	-	1.0 U	0.17 J	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	0.97 J	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	-	12	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	5	9.9	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.7 U	2.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Naphthalene	-	0.14	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.7 UJ	2.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Styrene	100	1100	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5	9.7	1.0 U	1.0 U	1.0 U	1.0 U	2.5	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	1000	860	1.0 U	1.0 U	1.0 U	0.17 J	0.92 J	1.2 J	1.0 U	0.24 J	1.0 U	0.25 J
trans-1,2-Dichloroethene	100	86	1.0 U	1.0 U	1.0 U	1.0 U	0.37 J	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5	0.44	1.0 U	1.0 U	1.0 U	1.0 U	43[ab]	74[ab]	0.24 J	0.17 J	2.6[b]	0.80 J[b]
Trichlorofluoromethane (CFC-11)	-	1100	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.7 UJ	2.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Trifluorotrichloroethane (Freon 113)	-	53000	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2	0.015	1.0 U	0.29 J[b]	0.67 J[b]	1.0 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	10000	190	2.0 U	0.64 J	0.30 J	2.0 U	3.3 U	4.0 U	2.0 U	0.53 J	2.0 U	2.2 J

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals												
Aluminum (dissolved)	-	16000	-	-	-	-	-	-	-	-	-	-
Antimony (dissolved)	6	6	-	-	-	-	-	-	-	-	-	-
Arsenic (dissolved)	10	0.045	-	-	-	-	-	-	-	-	-	-
Barium (dissolved)	2000	2900	-	-	-	-	-	-	-	-	-	-
Beryllium (dissolved)	4	16	-	-	-	-	-	-	-	-	-	-
Cadmium (dissolved)	5	6.9	-	-	-	-	-	-	-	-	-	-
Calcium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-
Chromium (dissolved)	100	-	-	-	-	-	-	-	-	-	-	-
Cobalt (dissolved)	-	4.7	-	-	-	-	-	-	-	-	-	-
Copper (dissolved)	1300	620	-	-	-	-	-	-	-	-	-	-
Iron (dissolved)	-	11000	-	-	-	-	-	-	-	-	-	-
Lead (dissolved)	15	-	-	-	-	-	-	-	-	-	-	-
Magnesium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-
Manganese (dissolved)	-	320	-	-	-	-	-	-	-	-	-	-
Mercury (dissolved)	2	0.63	-	-	-	-	-	-	-	-	-	-
Nickel (dissolved)	-	300	-	-	-	-	-	-	-	-	-	-
Potassium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-
Selenium (dissolved)	50	78	-	-	-	-	-	-	-	-	-	-
Silver (dissolved)	-	71	-	-	-	-	-	-	-	-	-	-
Sodium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-
Thallium (dissolved)	2	0.16	-	-	-	-	-	-	-	-	-	-
Vanadium (dissolved)	-	78	-	-	-	-	-	-	-	-	-	-
Zinc (dissolved)	-	4700	-	-	-	-	-	-	-	-	-	-
PCBs												
Aroclor-1016 (PCB-1016)	-	0.96	0.53 U	0.52 U	0.54 U	0.48 U	0.48 U	0.49 U	0.49 U	0.50 U	0.49 U	0.48 U
Aroclor-1221 (PCB-1221)	-	0.004	0.53 U	0.52 U	0.54 U	0.48 U	0.48 U	0.49 U	0.49 U	0.50 U	0.49 U	0.48 U
Aroclor-1232 (PCB-1232)	-	0.004	0.53 U	0.52 U	0.54 U	0.48 U	0.48 U	0.49 U	0.49 U	0.50 U	0.49 U	0.48 U
Aroclor-1242 (PCB-1242)	-	0.034	0.53 U	0.52 U	0.54 U	0.48 U	0.48 U	0.49 U	0.49 U	0.50 U	0.49 U	0.48 U
Aroclor-1248 (PCB-1248)	-	0.034	0.53 U	0.52 U	0.54 U	0.48 U	0.48 U	0.49 U	0.49 U	0.50 U	0.49 U	0.48 U
Aroclor-1254 (PCB-1254)	-	0.034	0.53 U	0.52 U	0.54 U	0.48 U	0.48 U	0.49 U	0.49 U	0.50 U	0.49 U	0.48 U
Aroclor-1260 (PCB-1260)	-	0.034	0.53 U	0.52 U	0.54 U	0.48 U	0.48 U	0.49 U	0.49 U	0.50 U	0.49 U	0.48 U
Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons (C10-C20)	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			BH74-13	BH75-13	BH76-13	BH77-13	BH78-13	BH79-13	BH80-13	BH81-13	BH81-13	BH82-13
Sample ID:			WG-38443-062013-SM-049	WG-38443-062513-SM-068	GW-38443-062613-SM-072	WG-38443-062513-SM-069	WG-38443-062513-SM-067	GW-38443-062613-SM-075	WG-38443-062513-SM-066	GW-038443-062713-SM-079	GW-038443-062713-SM-080	WG-38443-062513-SM-064
Sample Date:			6/20/2013	6/25/2013	6/26/2013	6/25/2013	6/25/2013	6/26/2013	6/25/2013	6/27/2013	6/27/2013	6/25/2013
Sample Depth:	USEPA Regional Screening Levels [1]		22-26 ft BGS	23-27 ft BGS	23.5-27.5 ft BGS	23-27 ft BGS	23-27 ft BGS	24-28 ft BGS	25.5-29.5 ft BGS	25-29 ft BGS	25-29 ft BGS	22-26 ft BGS
			Duplicate								Duplicate	
Parameter	MCL a	Tap Water b										
Volatile Organic Compounds												
1,1,1-Trichloroethane	200	7500	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	-	0.066	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5	0.24	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	-	2.4	1.0 U	1.0 U	1.0 U	1.4 U	0.62 J	0.25 J	0.33 J	0.40 J	0.41 J	0.47 J
1,1-Dichloroethene	7	260	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	70	0.99	1.0 U	1.0 UJ	1.0 U	1.4 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
1,2-Dibromo-3-chloropropane (DBCP)	0.2	0.00032	2.0 U	2.0 U	2.0 U	2.9 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.05	0.0065	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	600	280	1.0 U	1.0 U	0.13 J	0.56 J	1.0 U	0.15 J	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5	0.15	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5	0.38	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	-	-	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75	0.42	1.0 U	0.28 J	1.0 U	5.6[b]	0.20 J	0.50 J[b]	1.0[b]	0.27 J	0.26 J	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	-	4900	1.0 J	10 U	10 U	14 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	-	34	10 U	10 U	10 U	14 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	-	1000	10 U	10 U	10 U	14 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	-	12000	10 U	2.4 J	10 U	14 UJ	10 U	10 U	10 UJ	10 U	10 U	10 U
Benzene	5	0.39	1.0 U	0.49 J[b]	0.89 J[b]	12[ab]	0.20 J	0.25 J	0.23 J	0.33 J	0.33 J	1.0 U
Bromodichloromethane	80	0.12	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	80	7.9	1.0 U	1.0 U	1.0 UJ	1.4 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
Bromomethane (Methyl bromide)	-	7	1.0 UJ	1.0 U	1.0 U	1.4 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
Carbon disulfide	-	720	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.17 J
Carbon tetrachloride	5	0.39	1.0 U	1.0 U	1.0 U	1.4 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
Chlorobenzene	100	72	1.0 U	4.5	0.47 J	40	0.44 J	5.7	3.4	2.8	2.7	0.21 J
Chloroethane	-	21000	1.0 U	1.0 U	4.1	1.4 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	0.61 J
Chloroform (Trichloromethane)	80	0.19	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	-	190	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70	28	1.0 U	0.65 J	1.0 U	0.74 J	1.7	1.7	0.72 J	1.1	1.1	1.0 U
cis-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.4 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
Cyclohexane	-	13000	1.0 U	1.0 U	1.0 U	0.27 J	1.0 U	1.0 U	0.12 J	1.0 U	0.14 J	1.0 U
Dibromochloromethane	80	0.15	1.0 U	1.0 U	1.0 U	1.4 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	-	190	1.0 U	1.0 UJ	1.0 U	1.4 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
Ethylbenzene	700	1.3	0.59 J	1.0 U	1.0 U	2.2[b]	0.27 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	-	390	1.0 U	1.0 U	1.0 U	1.9	0.19 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	-	16000	10 U	10 U	10 U	14 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	-	-	1.0 U	1.0 U	1.0 U	0.70 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	-	12	1.0 U	0.26 J	2.0	0.24 J	1.0 U	0.36 J	0.24 J	0.27 J	0.25 J	0.23 J
Methylene chloride	5	9.9	1.0 UJ	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	-	0.14	1.0 UJ	1.0 UJ	1.0 U	9.8[b]	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
Styrene	100	1100	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5	9.7	1.0 U	1.0 U	1.0 U	1.4 U	0.33 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	1000	860	0.33 J	0.19 J	0.15 J	0.50 J	0.48 J	0.17 J	0.13 J	0.23 J	0.22 J	1.0 U
trans-1,2-Dichloroethene	100	86	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	-	-	1.0 U	1.0 UJ	1.0 U	1.4 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ
Trichloroethene	5	0.44	0.40 J	1.0 U	1.0 U	1.4 U	0.38 J	1.0 U	1.0 U	1.0 U	0.17 J	1.0 U
Trichlorofluoromethane (CFC-11)	-	1100	1.0 UJ	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	-	53000	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2	0.015	1.0 U	0.34 J[b]	1.0 U	0.32 J[b]	0.41 J[b]	5.3[ab]	0.41 J[b]	0.42 J[b]	0.44 J[b]	1.9[b]
Xylenes (total)	10000	190	4.1 J	2.0 U	0.35 J	5.7	0.85 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals												
Aluminum (dissolved)	-	16000	-	-	200 U	-	-	-	-	200 U	200 U	-
Antimony (dissolved)	6	6	-	-	10 U	-	-	-	-	10 U	10 U	-
Arsenic (dissolved)	10	0.045	-	-	10 U	-	-	-	-	10 U	10 U	-
Barium (dissolved)	2000	2900	-	-	1900	-	-	-	-	760	740	-
Beryllium (dissolved)	4	16	-	-	5.0 U	-	-	-	-	5.0 U	5.0 U	-
Cadmium (dissolved)	5	6.9	-	-	2.0 U	-	-	-	-	2.0 U	2.0 U	-
Calcium (dissolved)	-	-	-	-	140000	-	-	-	-	140000	140000	-
Chromium (dissolved)	100	-	-	-	3.7 J	-	-	-	-	5.0 U	5.0 U	-
Cobalt (dissolved)	-	4.7	-	-	7.0 U	-	-	-	-	7.0 U	7.0 U	-
Copper (dissolved)	1300	820	-	-	25 U	-	-	-	-	25 U	25 U	-
Iron (dissolved)	-	11000	-	-	26000[b]	-	-	-	-	5600	5500	-
Lead (dissolved)	15	-	-	-	3.0 U	-	-	-	-	3.0 U	3.0 U	-
Magnesium (dissolved)	-	-	-	-	66000	-	-	-	-	56000	55000	-
Manganese (dissolved)	-	320	-	-	270	-	-	-	-	150	140	-
Mercury (dissolved)	2	0.63	-	-	0.20 U	-	-	-	-	0.20 U	0.20 U	-
Nickel (dissolved)	-	300	-	-	40 U	-	-	-	-	4.6 J	4.1 J	-
Potassium (dissolved)	-	-	-	-	24000	-	-	-	-	18000	18000	-
Selenium (dissolved)	50	78	-	-	5.0 U	-	-	-	-	5.0 U	5.0 U	-
Silver (dissolved)	-	71	-	-	5.0 U	-	-	-	-	5.0 U	5.0 U	-
Sodium (dissolved)	-	-	-	-	58000	-	-	-	-	88000	85000	-
Thallium (dissolved)	2	0.16	-	-	10 U	-	-	-	-	10 U	10 U	-
Vanadium (dissolved)	-	78	-	-	7.0 U	-	-	-	-	7.0 U	7.0 U	-
Zinc (dissolved)	-	4700	-	-	50 U	-	-	-	-	50 U	50 U	-
PCBs												
Aroclor-1016 (PCB-1016)	-	0.96	0.54 U	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	-	0.004	0.54 U	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	-	0.004	0.54 U	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	0.034	0.54 U	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	0.034	0.54 U	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	0.034	0.54 U	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	0.034	0.54 U	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons (C10-C20)	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			BH83-13	BH83-13	BH84-13	BH85-13	BH85-13	BH86-13	BH87-13	BH88-13	BH89-13	BH90-13
Sample ID:			WG-38443-062513-SM-063	WG-38443-062513-SM-065	GW-38443-062613-SM-076	WG-38443-062513-SM-070	WG-38443-062513-SM-071	WG-38443-062413-SM-061	GW-38443-062613-SM-077	WG-38443-062413-SM-060	WG-38443-062413-SM-062	GW-38443-070913-JT-101
Sample Date:			6/25/2013	6/25/2013	6/26/2013	6/25/2013	6/25/2013	6/24/2013	6/26/2013	6/24/2013	6/24/2013	7/9/2013
Sample Depth:	USEPA Regional Screening Levels [1]		23.2-27.2 ft BGS	23.2-27.2 ft BGS	22-26 ft BGS	23.5-27.5 ft BGS	23.5-27.5 ft BGS	25.5-29.5 ft BGS	23-27 ft BGS	23-27 ft BGS	20.8-24.8 ft BGS	29.5-33.5 ft BGS
				Duplicate			Duplicate					
Parameter	MCL a	Tap Water b										
Volatile Organic Compounds												
1,1,1-Trichloroethane	200	7500	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	-	0.066	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5	0.24	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	-	2.4	1.0 U	1.0 U	1.7	0.35 J	0.35 J	2.2 U	0.23 J	1.0 U	0.62 J	1.0 U
1,1-Dichloroethene	7	260	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U	1.0 U	0.39 J	1.0 U
1,2,4-Trichlorobenzene	70	0.99	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	2.2 U	1.0 U	1.2 J[b]	1.0 UJ	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.2	0.00032	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	4.4 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.05	0.0065	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	600	280	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5	0.15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5	0.38	1.0 U	1.0 U	1.0 U	0.62 J[b]	0.54 J[b]	2.2 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	-	-	0.44 J	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75	0.42	0.43 J[b]	0.42 J	1.0 U	0.48 J[b]	1.0 U	2.2 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	-	4900	10 U	10 U	10 U	10 U	10 U	22 U	10 U	10 U	10 U	1.0 J
2-Hexanone	-	34	10 U	10 U	10 U	10 U	10 U	22 U	10 U	10 U	10 U	10 UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	-	1000	10 U	10 U	10 U	10 U	10 U	22 U	10 U	10 U	10 U	10 UJ
Acetone	-	12000	3.6 J	2.3 J	1.9 J	10 U	10 U	22 UJ	10 U	2.6 J	10 U	10 U
Benzene	5	0.39	0.31 J	0.30 J	0.37 J	1.0 U	1.0 U	0.30 J	0.29 J	0.87 J[b]	0.21 J	1.0 U
Bromodichloromethane	80	0.12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	80	7.9	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	2.2 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	-	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 UJ	1.0 U	1.0 U	1.0 U	1.0 UJ
Carbon disulfide	-	720	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U	0.24 J	1.0 U	1.0 U
Carbon tetrachloride	5	0.39	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 UJ	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	100	72	8.6	8.8	3.5	1.2	1.0 U	7.2	1.0 U	2.9	1.4	1.0 U
Chloroethane	-	21000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 UJ	2.6	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	80	0.19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	-	190	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70	28	2.1	2.0	2.6	1.0 U	1.0 U	9.4	1.0 U	0.33 J	17	1.0 U
cis-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 UJ	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	-	13000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	80	0.15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 UJ	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	-	190	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	2.2 U	1.0 U	0.36 J	1.0 UJ	1.0 U
Ethylbenzene	700	1.3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	-	390	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	-	16000	10 U	10 U	10 U	10 U	10 U	22 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	-	12	0.56 J	0.56 J	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	5	9.9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U	1.0 U	1.0 U	1.0 UJ
Naphthalene	-	0.14	1.0 UJ	1.0 UJ	1.0 U	1.3 J[b]	0.24 J[b]	2.2 U	1.0 U	1.0 UJ	1.0 UJ	1.0 U
Styrene	100	1100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	0.13 J	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5	9.7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	1000	860	0.21 J	0.23 J	0.15 J	1.0 U	1.0 U	2.2 U	1.0 U	0.49 J	0.18 J	0.16 J
trans-1,2-Dichloroethene	100	86	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	-	-	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	2.2 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 U
Trichloroethene	5	0.44	1.0 U	1.0 U	0.54 J[b]	1.0 U	1.0 U	2.2 U	1.0 U	1.0 U	11[ab]	1.0 U
Trichlorofluoromethane (CFC-11)	-	1100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U	1.0 U	1.0 U	1.0 UJ
Trifluorotrichloroethane (Freon 113)	-	53000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2	0.015	2.1[ab]	2.2[ab]	0.31 J[b]	1.0 U	1.0 U	54[ab]	1.0 U	2.6[ab]	7.0[ab]	1.0 U
Xylenes (total)	10000	190	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	4.4 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals												
Aluminum (dissolved)	-	16000	-	-	-	200 U	200 U	-	-	-	200 U	-
Antimony (dissolved)	6	6	-	-	-	10 U	10 U	-	-	-	10 U	-
Arsenic (dissolved)	10	0.045	-	-	-	21[ab]	20[ab]	-	-	-	9.4 J[b]	-
Barium (dissolved)	2000	2900	-	-	-	800	700	-	-	-	240	-
Beryllium (dissolved)	4	16	-	-	-	5.0 U	5.0 U	-	-	-	5.0 U	-
Cadmium (dissolved)	5	6.9	-	-	-	2.0 U	2.0 U	-	-	-	2.0 U	-
Calcium (dissolved)	-	-	-	-	-	82000	81000	-	-	-	130000	-
Chromium (dissolved)	100	-	-	-	-	5.0 U	5.0 U	-	-	-	5.0 U	-
Cobalt (dissolved)	-	4.7	-	-	-	7.0 U	7.0 U	-	-	-	4.1 J	-
Copper (dissolved)	1300	620	-	-	-	25 U	25 U	-	-	-	25 U	-
Iron (dissolved)	-	11000	-	-	-	1500	1500	-	-	-	3100	-
Lead (dissolved)	15	-	-	-	-	3.0 U	3.0 U	-	-	-	3.0 U	-
Magnesium (dissolved)	-	-	-	-	-	51000	50000	-	-	-	57000	-
Manganese (dissolved)	-	320	-	-	-	100	100	-	-	-	480[b]	-
Mercury (dissolved)	2	0.63	-	-	-	0.20 U	0.20 U	-	-	-	0.20 U	-
Nickel (dissolved)	-	300	-	-	-	40 U	40 U	-	-	-	9.1 J	-
Potassium (dissolved)	-	-	-	-	-	23000	23000	-	-	-	21000	-
Selenium (dissolved)	50	78	-	-	-	5.0 U	5.0 U	-	-	-	5.0 U	-
Silver (dissolved)	-	71	-	-	-	5.0 U	5.0 U	-	-	-	5.0 U	-
Sodium (dissolved)	-	-	-	-	-	78000	77000	-	-	-	86000	-
Thallium (dissolved)	2	0.16	-	-	-	10 U	10 U	-	-	-	10 U	-
Vanadium (dissolved)	-	78	-	-	-	7.0 U	7.0 U	-	-	-	7.0 U	-
Zinc (dissolved)	-	4700	-	-	-	50 U	50 U	-	-	-	50 U	-
PCBs												
Aroclor-1016 (PCB-1016)	-	0.96	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	-	0.004	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	-	0.004	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	0.034	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	0.034	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	0.034	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	0.034	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons (C10-C20)	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			*BH91-13*	*BH92-13*	*BH93-13*	*Equipment Blank*	*Equipment Blank*	*Equipment Blank*	*Equipment Blank*	*Equipment Blank*	*Rinse Blank*	*Rinse Blank*
Sample ID:			*GW-38443-062813-SM-084*	*GW-38443-070913-JT-102*	*GW-38443-070913-JT-104*	*EB-038443-061413-SM-018*	*EB-38443-061813-SM-030*	*EB-38443-061913-SM-039*	*EB-38443-062013-SM-050*	*GW-38443-062613-SM-073*	*RB-38443-061113-GL-004*	*RB-38443-070213-SK-088*
Sample Date:			*6/28/2013*	*7/9/2013*	*7/9/2013*	*6/14/2013*	*6/18/2013*	*6/19/2013*	*6/20/2013*	*6/26/2013*	*6/11/2013*	*7/2/2013*
Sample Depth:	*USEPA Regional Screening Levels [1]*		*27-31 ft BGS*	*21.8-25.8 ft BGS*	*20-24 ft BGS*	-	-	-	-	-	-	-
Parameter	*MCL*	*Tap Water*										
	a	*b*										
Volatile Organic Compounds												
1,1,1-Trichloroethane	200	7500	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	-	0.066	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5	0.24	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	-	2.4	1.0 U	5.2[b]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	7	260	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	70	0.99	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.2	0.00032	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.05	0.0065	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	600	280	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5	0.15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5	0.38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75	0.42	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	-	4900	10 U	1.4 J	2.3 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	-	34	10 UJ	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	-	1000	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	-	12000	10 U	3.6 J	1.4 J	1.3 J	10 U	10 U	10 U	10 U	2.8 J	10 U
Benzene	5	0.39	1.0 U	0.56 J[b]	0.62 J[b]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	80	0.12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	80	7.9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	-	7	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	-	720	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.20 J	1.0 U	0.30 J	1.0 U
Carbon tetrachloride	5	0.39	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	100	72	0.48 J	5.7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	-	21000	1.0 U	1.1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	80	0.19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	-	190	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70	28	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	-	13000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	80	0.15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	-	190	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	700	1.3	1.0 U	0.39 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	-	390	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	-	16000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	-	12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	5	9.9	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	-	0.14	1.0 U	4.9[b]	1.2[b]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100	1100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5	9.7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	1000	860	0.14 J	0.38 J	0.41 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	100	86	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5	0.44	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	-	1100	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	-	53000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2	0.015	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	10000	190	2.0 U	0.75 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals												
Aluminum (dissolved)	-	16000	-	-	-	-	-	-	-	200 U	-	-
Antimony (dissolved)	6	6	-	-	-	-	-	-	-	10 U	-	-
Arsenic (dissolved)	10	0.045	-	-	-	-	-	-	-	10 U	-	-
Barium (dissolved)	2000	2900	-	-	-	-	-	-	-	4.6 J	-	-
Beryllium (dissolved)	4	16	-	-	-	-	-	-	-	5.0 U	-	-
Cadmium (dissolved)	5	6.9	-	-	-	-	-	-	-	2.0 U	-	-
Calcium (dissolved)	-	-	-	-	-	-	-	-	-	5000 U	-	-
Chromium (dissolved)	100	-	-	-	-	-	-	-	-	3.1 J	-	-
Cobalt (dissolved)	-	4.7	-	-	-	-	-	-	-	7.0 U	-	-
Copper (dissolved)	1300	620	-	-	-	-	-	-	-	34	-	-
Iron (dissolved)	-	11000	-	-	-	-	-	-	-	330	-	-
Lead (dissolved)	15	-	-	-	-	-	-	-	-	7.4	-	-
Magnesium (dissolved)	-	-	-	-	-	-	-	-	-	280 J	-	-
Manganese (dissolved)	-	320	-	-	-	-	-	-	-	10 J	-	-
Mercury (dissolved)	2	0.63	-	-	-	-	-	-	-	0.20 U	-	-
Nickel (dissolved)	-	300	-	-	-	-	-	-	-	40 U	-	-
Potassium (dissolved)	-	-	-	-	-	-	-	-	-	370 J	-	-
Selenium (dissolved)	50	78	-	-	-	-	-	-	-	5.0 U	-	-
Silver (dissolved)	-	71	-	-	-	-	-	-	-	5.0 U	-	-
Sodium (dissolved)	-	-	-	-	-	-	-	-	-	1100 J	-	-
Thallium (dissolved)	2	0.16	-	-	-	-	-	-	-	10 U	-	-
Vanadium (dissolved)	-	78	-	-	-	-	-	-	-	7.0 U	-	-
Zinc (dissolved)	-	4700	-	-	-	-	-	-	-	38 J	-	-
PCBs												
Aroclor-1016 (PCB-1016)	-	0.96	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	-	0.004	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	-	0.004	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	0.034	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	0.034	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	0.034	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	0.034	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons (C10-C20)	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			*Rinse Blank*	*Rinse Blank*	*Trip Blank*	*Trip Blank*	*Trip Blank*	*Trip Blank*	*Trip Blank*	*Trip Blank*	*Trip Blank*	*Trip Blank*	*Trip Blank*
Sample ID:			*GW-38443-070813-JT-100*	*GW-38443-070913-JT-103*	*TRIP BLANK-061113-001*	*TRIP BLANK-061213-002*	*TRIPBLANK-061313-003*	*TRIP BLANK-061413-004*	*TB-38443-061913-SM*	*TB-38443-062113-SM*	*TB-38443-062513-SM*	*TB-38443-062613-SM*	*TB-38443-062813-SM*
Sample Date:			*7/8/2013*	*7/9/2013*	*6/11/2013*	*6/12/2013*	*6/13/2013*	*6/14/2013*	*6/19/2013*	*6/21/2013*	*6/25/2013*	*6/26/2013*	*6/28/2013*
Sample Depth:	*USEPA Regional Screening Levels [1]*		-	-	-	-	-	-	-	-	-	-	-
Parameter	*MCL*	*Tap Water*											
	a	*b*											
Volatile Organic Compounds													
1,1,1-Trichloroethane	200	7500	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	-	0.066	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5	0.24	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	-	2.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	7	260	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	70	0.99	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.2	0.00032	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.05	0.0065	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	600	280	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5	0.15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5	0.38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75	0.42	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	-	4900	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	-	34	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	-	1000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	-	12000	10 U	10 U	1.1 J	10 U	1.2 J	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	5	0.39	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	80	0.12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	80	7.9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	-	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	-	720	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5	0.39	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	100	72	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	-	21000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	80	0.19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	-	190	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70	28	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	-	13000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	80	0.15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	-	190	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	700	1.3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	-	390	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	-	16000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	-	12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	5	9.9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	-	0.14	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100	1100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5	9.7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	1000	860	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	100	86	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5	0.44	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	-	1100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	-	53000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2	0.015	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	10000	190	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals													
Aluminum (dissolved)	-	16000	-	-	-	-	-	-	-	-	-	-	-
Antimony (dissolved)	6	6	-	-	-	-	-	-	-	-	-	-	-
Arsenic (dissolved)	10	0.045	-	-	-	-	-	-	-	-	-	-	-
Barium (dissolved)	2000	2900	-	-	-	-	-	-	-	-	-	-	-
Beryllium (dissolved)	4	16	-	-	-	-	-	-	-	-	-	-	-
Cadmium (dissolved)	5	6.9	-	-	-	-	-	-	-	-	-	-	-
Calcium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium (dissolved)	100	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt (dissolved)	-	4.7	-	-	-	-	-	-	-	-	-	-	-
Copper (dissolved)	1300	820	-	-	-	-	-	-	-	-	-	-	-
Iron (dissolved)	-	11000	-	-	-	-	-	-	-	-	-	-	-
Lead (dissolved)	15	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese (dissolved)	-	320	-	-	-	-	-	-	-	-	-	-	-
Mercury (dissolved)	2	0.63	-	-	-	-	-	-	-	-	-	-	-
Nickel (dissolved)	-	300	-	-	-	-	-	-	-	-	-	-	-
Potassium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium (dissolved)	50	78	-	-	-	-	-	-	-	-	-	-	-
Silver (dissolved)	-	71	-	-	-	-	-	-	-	-	-	-	-
Sodium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium (dissolved)	2	0.16	-	-	-	-	-	-	-	-	-	-	-
Vanadium (dissolved)	-	78	-	-	-	-	-	-	-	-	-	-	-
Zinc (dissolved)	-	4700	-	-	-	-	-	-	-	-	-	-	-
PCBs													
Aroclor-1016 (PCB-1016)	-	0.96	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	-	0.004	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	-	0.004	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	0.034	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	0.034	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	0.034	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	0.034	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons													
Total Petroleum Hydrocarbons (C10-C20)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			***Trip Blank***	***Trip Blank***	***Trip Blank***
Sample ID:			***TB-38443-070113-SK***	***TB-38443-070313-SK***	***TRIPBLANK-JT-001***
Sample Date:			***7/1/2013***	***7/3/2013***	***7/9/2013***
Sample Depth:	***USEPA Regional Screening Levels*** [1]		-	-	-
Parameter	***MCL***	***Tap Water***			
	a	***b***			
Volatile Organic Compounds					
1,1,1-Trichloroethane	200	7500	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	-	0.066	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5	0.24	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	-	2.4	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	7	280	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	70	0.99	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.2	0.00032	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.05	0.0065	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	600	280	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5	0.15	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5	0.38	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	-	-	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75	0.42	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	-	4900	10 U	10 U	10 U
2-Hexanone	-	34	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	-	1000	10 U	10 U	10 U
Acetone	-	12000	2.3 J	1.4 J	10 U
Benzene	5	0.39	1.0 U	1.0 U	1.0 U
Bromodichloromethane	80	0.12	1.0 U	1.0 U	1.0 U
Bromoform	80	7.9	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	-	7	1.0 U	1.0 U	1.0 U
Carbon disulfide	-	720	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5	0.39	1.0 U	1.0 U	1.0 U
Chlorobenzene	100	72	1.0 U	1.0 U	1.0 U
Chloroethane	-	21000	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	80	0.19	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	-	190	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70	28	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U
Cyclohexane	-	13000	1.0 U	1.0 U	1.0 U
Dibromochloromethane	80	0.15	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	-	190	1.0 U	1.0 U	1.0 U
Ethylbenzene	700	1.3	1.0 U	1.0 U	1.0 U
Isopropyl benzene	-	390	1.0 U	1.0 U	1.0 U
Methyl acetate	-	16000	10 U	10 U	10 U
Methyl cyclohexane	-	-	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	-	12	1.0 U	1.0 U	1.0 U
Methylene chloride	5	9.9	1.0 U	1.0 U	1.0 U
Naphthalene	-	0.14	1.0 U	1.0 U	1.0 U
Styrene	100	1100	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5	9.7	1.0 U	1.0 U	1.0 U
Toluene	1000	860	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	100	86	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U
Trichloroethene	5	0.44	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	-	1100	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	-	53000	1.0 U	1.0 U	1.0 U
Vinyl chloride	2	0.015	1.0 U	1.0 U	1.0 U
Xylenes (total)	10000	190	2.0 U	2.0 U	2.0 U

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals					
Aluminum (dissolved)	-	16000	-	-	-
Antimony (dissolved)	6	6	-	-	-
Arsenic (dissolved)	10	0.045	-	-	-
Barium (dissolved)	2000	2900	-	-	-
Beryllium (dissolved)	4	16	-	-	-
Cadmium (dissolved)	5	6.9	-	-	-
Calcium (dissolved)	-	-	-	-	-
Chromium (dissolved)	100	-	-	-	-
Cobalt (dissolved)	-	4.7	-	-	-
Copper (dissolved)	1300	820	-	-	-
Iron (dissolved)	-	11000	-	-	-
Lead (dissolved)	15	-	-	-	-
Magnesium (dissolved)	-	-	-	-	-
Manganese (dissolved)	-	320	-	-	-
Mercury (dissolved)	2	0.63	-	-	-
Nickel (dissolved)	-	300	-	-	-
Potassium (dissolved)	-	-	-	-	-
Selenium (dissolved)	50	78	-	-	-
Silver (dissolved)	-	71	-	-	-
Sodium (dissolved)	-	-	-	-	-
Thallium (dissolved)	2	0.16	-	-	-
Vanadium (dissolved)	-	78	-	-	-
Zinc (dissolved)	-	4700	-	-	-
PCBs					
Aroclor-1016 (PCB-1016)	-	0.96	-	-	-
Aroclor-1221 (PCB-1221)	-	0.004	-	-	-
Aroclor-1232 (PCB-1232)	-	0.004	-	-	-
Aroclor-1242 (PCB-1242)	-	0.034	-	-	-
Aroclor-1248 (PCB-1248)	-	0.034	-	-	-
Aroclor-1254 (PCB-1254)	-	0.034	-	-	-
Aroclor-1260 (PCB-1260)	-	0.034	-	-	-
Petroleum Hydrocarbons					
Total Petroleum Hydrocarbons (C10-C20)	-	-	-	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-	-	-	-

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:
Sample Depth:

Parameter	***USEPA Regional Screening Levels*** [1] ***MCL*** ***a***	***Tap Water*** ***b***
Volatile Organic Compounds		
1,1,1-Trichloroethane	200	7500
1,1,2,2-Tetrachloroethane	-	0.066
1,1,2-Trichloroethane	5	0.24
1,1-Dichloroethane	-	2.4
1,1-Dichloroethene	7	280
1,2,4-Trichlorobenzene	70	0.99
1,2-Dibromo-3-chloropropane (DBCP)	0.2	0.00032
1,2-Dibromoethane (Ethylene dibromide)	0.05	0.0065
1,2-Dichlorobenzene	600	280
1,2-Dichloroethane	5	0.15
1,2-Dichloropropane	5	0.38
1,3-Dichlorobenzene	-	-
1,4-Dichlorobenzene	75	0.42
2-Butanone (Methyl ethyl ketone) (MEK)	-	4900
2-Hexanone	-	34
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	-	1000
Acetone	-	12000
Benzene	5	0.39
Bromodichloromethane	80	0.12
Bromoform	80	7.9
Bromomethane (Methyl bromide)	-	7
Carbon disulfide	-	720
Carbon tetrachloride	5	0.39
Chlorobenzene	100	72
Chloroethane	-	21000
Chloroform (Trichloromethane)	80	0.19
Chloromethane (Methyl chloride)	-	190
cis-1,2-Dichloroethene	70	28
cis-1,3-Dichloropropene	-	-
Cyclohexane	-	13000
Dibromochloromethane	80	0.15
Dichlorodifluoromethane (CFC-12)	-	190
Ethylbenzene	700	1.3
Isopropyl benzene	-	390
Methyl acetate	-	16000
Methyl cyclohexane	-	-
Methyl tert butyl ether (MTBE)	-	12
Methylene chloride	5	9.9
Naphthalene	-	0.14
Styrene	100	1100
Tetrachloroethene	5	9.7
Toluene	1000	860
trans-1,2-Dichloroethene	100	86
trans-1,3-Dichloropropene	-	-
Trichloroethene	5	0.44
Trichlorofluoromethane (CFC-11)	-	1100
Trifluorotrichloroethane (Freon 113)	-	53000
Vinyl chloride	2	0.015
Xylenes (total)	10000	190

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals		
Aluminum (dissolved)	-	16000
Antimony (dissolved)	6	6
Arsenic (dissolved)	10	0.045
Barium (dissolved)	2000	2900
Beryllium (dissolved)	4	16
Cadmium (dissolved)	5	6.9
Calcium (dissolved)	-	-
Chromium (dissolved)	100	-
Cobalt (dissolved)	-	4.7
Copper (dissolved)	1300	620
Iron (dissolved)	-	11000
Lead (dissolved)	15	-
Magnesium (dissolved)	-	-
Manganese (dissolved)	-	320
Mercury (dissolved)	2	0.63
Nickel (dissolved)	-	300
Potassium (dissolved)	-	-
Selenium (dissolved)	50	78
Silver (dissolved)	-	71
Sodium (dissolved)	-	-
Thallium (dissolved)	2	0.16
Vanadium (dissolved)	-	78
Zinc (dissolved)	-	4700
PCBs		
Aroclor-1016 (PCB-1016)	-	0.96
Aroclor-1221 (PCB-1221)	-	0.004
Aroclor-1232 (PCB-1232)	-	0.004
Aroclor-1242 (PCB-1242)	-	0.034
Aroclor-1248 (PCB-1248)	-	0.034
Aroclor-1254 (PCB-1254)	-	0.034
Aroclor-1260 (PCB-1260)	-	0.034
Petroleum Hydrocarbons		
Total Petroleum Hydrocarbons (C10-C20)	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:
Sample Depth:

Parameter	***USEPA Regional Screening Levels*** [16] ***MCL*** ***a***	***Tap Water*** ***b***
Volatile Organic Compounds		
1,1,1-Trichloroethane	200	7500
1,1,2,2-Tetrachloroethane	-	0.066
1,1,2-Trichloroethane	5	0.24
1,1-Dichloroethane	-	2.4
1,1-Dichloroethene	7	280
1,2,4-Trichlorobenzene	70	0.99
1,2-Dibromo-3-chloropropane (DBCP)	0.2	0.00032
1,2-Dibromoethane (Ethylene dibromide)	0.05	0.0065
1,2-Dichlorobenzene	600	280
1,2-Dichloroethane	5	0.15
1,2-Dichloropropane	5	0.38
1,3-Dichlorobenzene	-	-
1,4-Dichlorobenzene	75	0.42
2-Butanone (Methyl ethyl ketone) (MEK)	-	4900
2-Hexanone	-	34
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	-	1000
Acetone	-	12000
Benzene	5	0.39
Bromodichloromethane	80	0.12
Bromoform	80	7.9
Bromomethane (Methyl bromide)	-	7
Carbon disulfide	-	720
Carbon tetrachloride	5	0.39
Chlorobenzene	100	72
Chloroethane	-	21000
Chloroform (Trichloromethane)	80	0.19
Chloromethane (Methyl chloride)	-	190
cis-1,2-Dichloroethene	70	28
cis-1,3-Dichloropropene	-	-
Cyclohexane	-	13000
Dibromochloromethane	80	0.15
Dichlorodifluoromethane (CFC-12)	-	190
Ethylbenzene	700	1.3
Isopropyl benzene	-	390
Methyl acetate	-	16000
Methyl cyclohexane	-	-
Methyl tert butyl ether (MTBE)	-	12
Methylene chloride	5	9.9
Naphthalene	-	0.14
Styrene	100	1100
Tetrachloroethene	5	9.7
Toluene	1000	860
trans-1,2-Dichloroethene	100	86
trans-1,3-Dichloropropene	-	-
Trichloroethene	5	0.44
Trichlorofluoromethane (CFC-11)	-	1100
Trifluorotrichloroethane (Freon 113)	-	53000
Vinyl chloride	2	0.015
Xylenes (total)	10000	190

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals		
Aluminum (dissolved)	-	16000
Antimony (dissolved)	6	6
Arsenic (dissolved)	10	0.045
Barium (dissolved)	2000	2900
Beryllium (dissolved)	4	16
Cadmium (dissolved)	5	6.9
Calcium (dissolved)	-	-
Chromium (dissolved)	100	-
Cobalt (dissolved)	-	4.7
Copper (dissolved)	1300	620
Iron (dissolved)	-	11000
Lead (dissolved)	15	-
Magnesium (dissolved)	-	-
Manganese (dissolved)	-	320
Mercury (dissolved)	2	0.63
Nickel (dissolved)	-	300
Potassium (dissolved)	-	-
Selenium (dissolved)	50	78
Silver (dissolved)	-	71
Sodium (dissolved)	-	-
Thallium (dissolved)	2	0.16
Vanadium (dissolved)	-	78
Zinc (dissolved)	-	4700
PCBs		
Aroclor-1016 (PCB-1016)	-	0.96
Aroclor-1221 (PCB-1221)	-	0.004
Aroclor-1232 (PCB-1232)	-	0.004
Aroclor-1242 (PCB-1242)	-	0.034
Aroclor-1248 (PCB-1248)	-	0.034
Aroclor-1254 (PCB-1254)	-	0.034
Aroclor-1260 (PCB-1260)	-	0.034
Petroleum Hydrocarbons		
Total Petroleum Hydrocarbons (C10-C20)	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:
Sample Depth:

Parameter	***USEPA Regional Screening Levels [1] [2]*** ***MCL*** ***a***	***Tap Water*** ***b***
Volatile Organic Compounds		
1,1,1-Trichloroethane	200	7500
1,1,2,2-Tetrachloroethane	-	0.066
1,1,2-Trichloroethane	5	0.24
1,1-Dichloroethane	-	2.4
1,1-Dichloroethene	7	280
1,2,4-Trichlorobenzene	70	0.99
1,2-Dibromo-3-chloropropane (DBCP)	0.2	0.00032
1,2-Dibromoethane (Ethylene dibromide)	0.05	0.0065
1,2-Dichlorobenzene	600	280
1,2-Dichloroethane	5	0.15
1,2-Dichloropropane	5	0.38
1,3-Dichlorobenzene	-	-
1,4-Dichlorobenzene	75	0.42
2-Butanone (Methyl ethyl ketone) (MEK)	-	4900
2-Hexanone	-	34
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	-	1000
Acetone	-	12000
Benzene	5	0.39
Bromodichloromethane	80	0.12
Bromoform	80	7.9
Bromomethane (Methyl bromide)	-	7
Carbon disulfide	-	720
Carbon tetrachloride	5	0.39
Chlorobenzene	100	72
Chloroethane	-	21000
Chloroform (Trichloromethane)	80	0.19
Chloromethane (Methyl chloride)	-	190
cis-1,2-Dichloroethene	70	28
cis-1,3-Dichloropropene	-	-
Cyclohexane	-	13000
Dibromochloromethane	80	0.15
Dichlorodifluoromethane (CFC-12)	-	190
Ethylbenzene	700	1.3
Isopropyl benzene	-	390
Methyl acetate	-	16000
Methyl cyclohexane	-	-
Methyl tert butyl ether (MTBE)	-	12
Methylene chloride	5	9.9
Naphthalene	-	0.14
Styrene	100	1100
Tetrachloroethene	5	9.7
Toluene	1000	860
trans-1,2-Dichloroethene	100	86
trans-1,3-Dichloropropene	-	-
Trichloroethene	5	0.44
Trichlorofluoromethane (CFC-11)	-	1100
Trifluorotrichloroethane (Freon 113)	-	53000
Vinyl chloride	2	0.015
Xylenes (total)	10000	190

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals		
Aluminum (dissolved)	-	16000
Antimony (dissolved)	6	6
Arsenic (dissolved)	10	0.045
Barium (dissolved)	2000	2900
Beryllium (dissolved)	4	16
Cadmium (dissolved)	5	6.9
Calcium (dissolved)	-	-
Chromium (dissolved)	100	-
Cobalt (dissolved)	-	4.7
Copper (dissolved)	1300	620
Iron (dissolved)	-	11000
Lead (dissolved)	15	-
Magnesium (dissolved)	-	-
Manganese (dissolved)	-	320
Mercury (dissolved)	2	0.63
Nickel (dissolved)	-	300
Potassium (dissolved)	-	-
Selenium (dissolved)	50	78
Silver (dissolved)	-	71
Sodium (dissolved)	-	-
Thallium (dissolved)	2	0.16
Vanadium (dissolved)	-	78
Zinc (dissolved)	-	4700
PCBs		
Aroclor-1016 (PCB-1016)	-	0.96
Aroclor-1221 (PCB-1221)	-	0.004
Aroclor-1232 (PCB-1232)	-	0.004
Aroclor-1242 (PCB-1242)	-	0.034
Aroclor-1248 (PCB-1248)	-	0.034
Aroclor-1254 (PCB-1254)	-	0.034
Aroclor-1260 (PCB-1260)	-	0.034
Petroleum Hydrocarbons		
Total Petroleum Hydrocarbons (C10-C20)	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:
Sample Depth:

Parameter	***USEPA Regional Screening Levels [1c]*** ***MCL*** ***a***	***Tap Water*** ***b***
Volatile Organic Compounds		
1,1,1-Trichloroethane	200	7500
1,1,2,2-Tetrachloroethane	-	0.066
1,1,2-Trichloroethane	5	0.24
1,1-Dichloroethane	-	2.4
1,1-Dichloroethene	7	280
1,2,4-Trichlorobenzene	70	0.99
1,2-Dibromo-3-chloropropane (DBCP)	0.2	0.00032
1,2-Dibromoethane (Ethylene dibromide)	0.05	0.0065
1,2-Dichlorobenzene	600	280
1,2-Dichloroethane	5	0.15
1,2-Dichloropropane	5	0.38
1,3-Dichlorobenzene	-	-
1,4-Dichlorobenzene	75	0.42
2-Butanone (Methyl ethyl ketone) (MEK)	-	4900
2-Hexanone	-	34
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	-	1000
Acetone	-	12000
Benzene	5	0.39
Bromodichloromethane	80	0.12
Bromoform	80	7.9
Bromomethane (Methyl bromide)	-	7
Carbon disulfide	-	720
Carbon tetrachloride	5	0.39
Chlorobenzene	100	72
Chloroethane	-	21000
Chloroform (Trichloromethane)	80	0.19
Chloromethane (Methyl chloride)	-	190
cis-1,2-Dichloroethene	70	28
cis-1,3-Dichloropropene	-	-
Cyclohexane	-	13000
Dibromochloromethane	80	0.15
Dichlorodifluoromethane (CFC-12)	-	190
Ethylbenzene	700	1.3
Isopropyl benzene	-	390
Methyl acetate	-	16000
Methyl cyclohexane	-	-
Methyl tert butyl ether (MTBE)	-	12
Methylene chloride	5	9.9
Naphthalene	-	0.14
Styrene	100	1100
Tetrachloroethene	5	9.7
Toluene	1000	860
trans-1,2-Dichloroethene	100	86
trans-1,3-Dichloropropene	-	-
Trichloroethene	5	0.44
Trichlorofluoromethane (CFC-11)	-	1100
Trifluorotrichloroethane (Freon 113)	-	53000
Vinyl chloride	2	0.015
Xylenes (total)	10000	190

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals		
Aluminum (dissolved)	-	16000
Antimony (dissolved)	6	6
Arsenic (dissolved)	10	0.045
Barium (dissolved)	2000	2900
Beryllium (dissolved)	4	16
Cadmium (dissolved)	5	6.9
Calcium (dissolved)	-	-
Chromium (dissolved)	100	-
Cobalt (dissolved)	-	4.7
Copper (dissolved)	1300	620
Iron (dissolved)	-	11000
Lead (dissolved)	15	-
Magnesium (dissolved)	-	-
Manganese (dissolved)	-	320
Mercury (dissolved)	2	0.63
Nickel (dissolved)	-	300
Potassium (dissolved)	-	-
Selenium (dissolved)	50	78
Silver (dissolved)	-	71
Sodium (dissolved)	-	-
Thallium (dissolved)	2	0.16
Vanadium (dissolved)	-	78
Zinc (dissolved)	-	4700
PCBs		
Aroclor-1016 (PCB-1016)	-	0.96
Aroclor-1221 (PCB-1221)	-	0.004
Aroclor-1232 (PCB-1232)	-	0.004
Aroclor-1242 (PCB-1242)	-	0.034
Aroclor-1248 (PCB-1248)	-	0.034
Aroclor-1254 (PCB-1254)	-	0.034
Aroclor-1260 (PCB-1260)	-	0.034
Petroleum Hydrocarbons		
Total Petroleum Hydrocarbons (C10-C20)	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:
Sample Depth:

Parameter	***USEPA Regional Screening Levels*** [1] ***MCL*** ***a***	***Tap Water*** ***b***
Volatile Organic Compounds		
1,1,1-Trichloroethane	200	7500
1,1,2,2-Tetrachloroethane	-	0.066
1,1,2-Trichloroethane	5	0.24
1,1-Dichloroethane	-	2.4
1,1-Dichloroethene	7	280
1,2,4-Trichlorobenzene	70	0.99
1,2-Dibromo-3-chloropropane (DBCP)	0.2	0.00032
1,2-Dibromoethane (Ethylene dibromide)	0.05	0.0065
1,2-Dichlorobenzene	600	280
1,2-Dichloroethane	5	0.15
1,2-Dichloropropane	5	0.38
1,3-Dichlorobenzene	-	-
1,4-Dichlorobenzene	75	0.42
2-Butanone (Methyl ethyl ketone) (MEK)	-	4900
2-Hexanone	-	34
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	-	1000
Acetone	-	12000
Benzene	5	0.39
Bromodichloromethane	80	0.12
Bromoform	80	7.9
Bromomethane (Methyl bromide)	-	7
Carbon disulfide	-	720
Carbon tetrachloride	5	0.39
Chlorobenzene	100	72
Chloroethane	-	21000
Chloroform (Trichloromethane)	80	0.19
Chloromethane (Methyl chloride)	-	190
cis-1,2-Dichloroethene	70	28
cis-1,3-Dichloropropene	-	-
Cyclohexane	-	13000
Dibromochloromethane	80	0.15
Dichlorodifluoromethane (CFC-12)	-	190
Ethylbenzene	700	1.3
Isopropyl benzene	-	390
Methyl acetate	-	16000
Methyl cyclohexane	-	-
Methyl tert butyl ether (MTBE)	-	12
Methylene chloride	5	9.9
Naphthalene	-	0.14
Styrene	100	1100
Tetrachloroethene	5	9.7
Toluene	1000	860
trans-1,2-Dichloroethene	100	86
trans-1,3-Dichloropropene	-	-
Trichloroethene	5	0.44
Trichlorofluoromethane (CFC-11)	-	1100
Trifluorotrichloroethane (Freon 113)	-	53000
Vinyl chloride	2	0.015
Xylenes (total)	10000	190

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals		
Aluminum (dissolved)	-	16000
Antimony (dissolved)	6	6
Arsenic (dissolved)	10	0.045
Barium (dissolved)	2000	2900
Beryllium (dissolved)	4	16
Cadmium (dissolved)	5	6.9
Calcium (dissolved)	-	-
Chromium (dissolved)	100	-
Cobalt (dissolved)	-	4.7
Copper (dissolved)	1300	620
Iron (dissolved)	-	11000
Lead (dissolved)	15	-
Magnesium (dissolved)	-	-
Manganese (dissolved)	-	320
Mercury (dissolved)	2	0.63
Nickel (dissolved)	-	300
Potassium (dissolved)	-	-
Selenium (dissolved)	50	78
Silver (dissolved)	-	71
Sodium (dissolved)	-	-
Thallium (dissolved)	2	0.16
Vanadium (dissolved)	-	78
Zinc (dissolved)	-	4700
PCBs		
Aroclor-1016 (PCB-1016)	-	0.96
Aroclor-1221 (PCB-1221)	-	0.004
Aroclor-1232 (PCB-1232)	-	0.004
Aroclor-1242 (PCB-1242)	-	0.034
Aroclor-1248 (PCB-1248)	-	0.034
Aroclor-1254 (PCB-1254)	-	0.034
Aroclor-1260 (PCB-1260)	-	0.034
Petroleum Hydrocarbons		
Total Petroleum Hydrocarbons (C10-C20)	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 1

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Notes:

All concentrations are expressed in units of micrograms per litre (µg/L) unless otherwise noted.

[1] - United States Environmental Protection Agency Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites, May 2013

- - Not applicable.

J - The parameter was positively identified; however, the associated parameter concentration is estimated.

U - The parameter was not detected. The associated numerical value is the sample quantitation limit.

UJ - The parameter was not detected. The associated numerical value is the estimated sample quantitation limit.

- Concentration was greater than applicable criteria.

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			BH1-13	BH2-13	BH3-13	BH4-13	BH5-13	BH6-13	BH7-13	BH8-13	BH9-13	BH10-13
Sample ID:			GW-38443-061313-SM-016	GW-038443-061413-SM-021	GW-038443-061413-SM-020	GW-038443-061413-SM-022	GW-038443-061413-SM-019	GW-38443-061313-GL-017	GW-38443-061213-GL-011	GW-38443-061313-GL-014	GW-38443-061113-GL-001	GW-38443-061113-SM-002
Sample Date:			6/13/2013	6/14/2013	6/14/2013	6/14/2013	6/14/2013	6/13/2013	6/12/2013	6/13/2013	6/11/2013	6/11/2013
Sample Depth:			22.5-26.5 ft BGS	21.5-25.5 ft BGS	22.75-26.75 ft BGS	21.3-25.3 ft BGS	21-25 ft BGS	22-26 ft BGS	22-26 ft BGS	22.5-26.5 ft BGS	21.5-25.5 ft BGS	21.5-25.5 ft BGS
Parameter	Protection of Residential IA	Protection of Industrial IA										
	c	d										
Volatile Organic Compounds												
1,1,1-Trichloroethane	7394.88	31286.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	2.80	14.00	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	4.45	22.86	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	6.53	33.51	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.27 J	1.0 U
1,1-Dichloroethene	196.80	824.71	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	36.17	151.58	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.03	0.33	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.15	0.75	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	2675.31	11210.83	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	1.95	9.74	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	2.08	10.41	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	2.23	11.16	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	2235405.38	9457484.31	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	8135.84	34118.05	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	549460.29	2304188.31	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	22363547.42	97840519.95	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1.37	7.05	1.0 U	1.0 U	1.0 U	0.40 J	1.0 U	1.0 U	1.0 U	1.0 U	0.17 J	1.0 U
Bromodichloromethane	0.76	3.81	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	-	-	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 U
Bromomethane (Methyl bromide)	17.33	73.31	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 U
Carbon disulfide	1239.99	5265.69	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	0.36	1.77	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	408.98	1730.29	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	22036.04	98958.58	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 U
Chloroform (Trichloromethane)	0.73	3.53	1.0 U	1.0 U	1.0 U	1.3*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	260.68	1081.56	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	-	-	0.45 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.37 J	1.0 U
cis-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	1027.32	4239.73	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	2.81	14.08	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	7.13	31.38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	3.01	15.21	1.0 U	1.0 U	1.0 U	1.2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	893.32	3828.52	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	-	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	391.69	1958.48	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	722.51	9031.38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	4.00	20.01	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	8894.54	39135.98	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	12.99	64.95	1.0 U	1.0 U	1.0 U	2.2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	19155.42	81042.17	1.0 U	1.0 U	0.21 J	3.0	1.0 U	1.0 U	0.18 J	1.0 U	0.27 J	0.18 J
trans-1,2-Dichloroethene	377.69	1558.73	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	1.07	7.45	1.4*	0.71 J	0.43 J	1.9*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	184.08	781.71	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	1441.56	6045.25	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	0.14	2.46	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	472.20	2077.68	2.0 U	2.0 U	2.0 U	4.4	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals			***Metals***									
Aluminum (dissolved)	-	-	Aluminum (dissolved)	-	-	200 U	200 U	-	200 U	-	-	-
Antimony (dissolved)	-	-	Antimony (dissolved)	-	-	10 U	10 U	-	10 U	-	-	-
Arsenic (dissolved)	-	-	Arsenic (dissolved)	-	-	10 U	10 U	-	10 U	-	-	-
Barium (dissolved)	-	-	Barium (dissolved)	-	-	120 J	130 J	-	430	-	-	-
Beryllium (dissolved)	-	-	Beryllium (dissolved)	-	-	5.0 U	5.0 U	-	5.0 U	-	-	-
Cadmium (dissolved)	-	-	Cadmium (dissolved)	-	-	2.0 U	2.0 U	-	2.0 U	-	-	-
Calcium (dissolved)	-	-	Calcium (dissolved)	-	-	140000	140000	-	160000	-	-	-
Chromium (dissolved)	-	-	Chromium (dissolved)	-	-	5.0 U	5.0 U	-	5.0 U	-	-	-
Cobalt (dissolved)	-	-	Cobalt (dissolved)	-	-	7.0 U	2.7 J	-	7.0 U	-	-	-
Copper (dissolved)	-	-	Copper (dissolved)	-	-	25 U	25 U	-	25 U	-	-	-
Iron (dissolved)	-	-	Iron (dissolved)	-	-	700	540	-	110	-	-	-
Lead (dissolved)	-	-	Lead (dissolved)	-	-	3.0 U	3.0 U	-	3.0 U	-	-	-
Magnesium (dissolved)	-	-	Magnesium (dissolved)	-	-	48000	44000	-	52000	-	-	-
Manganese (dissolved)	-	-	Manganese (dissolved)	-	-	120	310	-	370	-	-	-
Mercury (dissolved)	0.68	2.78	Mercury (dissolved)	0.68	2.78	0.20 U	0.20 U	-	0.20 U	-	-	-
Nickel (dissolved)	-	-	Nickel (dissolved)	-	-	6.5 J	8.6 J	-	15 J	-	-	-
Potassium (dissolved)	-	-	Potassium (dissolved)	-	-	9400	9000	-	10000	-	-	-
Selenium (dissolved)	-	-	Selenium (dissolved)	-	-	26	24	-	6.6	-	-	-
Silver (dissolved)	-	-	Silver (dissolved)	-	-	5.0 U	5.0 U	-	5.0 U	-	-	-
Sodium (dissolved)	-	-	Sodium (dissolved)	-	-	130000	130000	-	120000	-	-	-
Thallium (dissolved)	-	-	Thallium (dissolved)	-	-	10 U	10 U	-	10 U	-	-	-
Vanadium (dissolved)	-	-	Vanadium (dissolved)	-	-	7.0 U	7.0 U	-	7.0 U	-	-	-
Zinc (dissolved)	-	-	Zinc (dissolved)	-	-	50 U	50 U	-	50 U	-	-	-
PCBs			***PCBs***									
Aroclor-1016 (PCB-1016)	-	-	Aroclor-1016 (PCB-1016)	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.14	0.70	Aroclor-1221 (PCB-1221)	0.14	0.70	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.14	0.70	Aroclor-1232 (PCB-1232)	0.14	0.70	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	-	Aroclor-1242 (PCB-1242)	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	-	Aroclor-1248 (PCB-1248)	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	-	Aroclor-1254 (PCB-1254)	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	-	Aroclor-1260 (PCB-1260)	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons			***Petroleum Hydrocarbons***									
Total Petroleum Hydrocarbons (C10-C20)	-	-	Total Petroleum Hydrocarbons (C10-C20)	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-	Total Petroleum Hydrocarbons (C20-C34)	-	-	-	-	-	-	-	-	-

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			BH8-13	BH9-13	BH10-13	BH11-13	BH12-13	BH13-13	BH14-13	BH15-13	BH16-13	BH16-13	BH16-13
Sample ID:			GW-38443-061313-GL-014	GW-38443-061113-GL-001	GW-38443-061113-SM-002	GW-38443-061113-GL-003	GW-38443-061113-SM-006	GW-38443-061213-SM-007	GW-38443-061113-GL-005	GW-38443-061213-GL-013	GW-38443-061213-GL-008	GW-38443-061213-GL-009	GW-38443-071013-JT-108
Sample Date:			6/13/2013	6/11/2013	6/11/2013	6/11/2013	6/11/2013	6/12/2013	6/11/2013	6/12/2013	6/12/2013	6/12/2013	7/10/2013
Sample Depth:			22.5-26.5 ft BGS	21.5-25.5 ft BGS	21.5-25.5 ft BGS	21.5-25.5 ft BGS	21.5-25.5 ft BGS	21.5-25.5 ft BGS	21.5-25.5 ft BGS	21.5-25.5 ft BGS	21.5-25.5 ft BGS	21.5-25.5 ft BGS Duplicate	29.5-33.5 ft BGS
Parameter	Protection of Residential IA c	Protection of Industrial IA d											
Volatile Organic Compounds													
1,1,1-Trichloroethane	7394.88	31286.05	1.0 U	1.0 U	1.0 U	1.0 U	0.26 J	0.53 J	0.32 J	1.0 U	1.0 U	1.0 U	2.0 U
1,1,2,2-Tetrachloroethane	2.80	14.00	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ
1,1,2-Trichloroethane	4.45	22.86	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,1-Dichloroethane	6.53	33.51	1.0 U	0.27 J	1.0 U	0.31 J	1.0 U	1.0 U	1.0 U	0.20 J	1.0 U	1.0 U	2.0 U
1,1-Dichloroethene	196.80	824.71	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.47 J
1,2,4-Trichlorobenzene	36.17	151.58	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.03	0.33	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	4.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.15	0.75	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,2-Dichlorobenzene	2675.31	11210.83	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,2-Dichloroethane	1.95	9.74	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,2-Dichloropropane	2.08	10.41	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,3-Dichlorobenzene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,4-Dichlorobenzene	2.23	11.16	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	2235405.38	9457484.31	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	4.7 J
2-Hexanone	8135.84	34118.05	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	549460.29	2304188.31	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 UJ
Acetone	22363547.42	97840519.95	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U
Benzene	1.37	7.05	1.0 U	0.17 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Bromodichloromethane	0.76	3.81	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Bromoform	-	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Bromomethane (Methyl bromide)	17.33	73.31	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ
Carbon disulfide	1239.99	5265.69	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Carbon tetrachloride	0.36	1.77	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ
Chlorobenzene	408.98	1730.29	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Chloroethane	22036.04	98958.58	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Chloroform (Trichloromethane)	0.73	3.53	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Chloromethane (Methyl chloride)	260.68	1081.56	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
cis-1,2-Dichloroethene	-	-	1.0 U	0.37 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	15
cis-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Cyclohexane	1027.32	4239.73	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Dibromochloromethane	2.81	14.08	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Dichlorodifluoromethane (CFC-12)	7.13	31.38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Ethylbenzene	3.01	15.21	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Isopropyl benzene	893.32	3828.52	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Methyl acetate	-	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 UJ
Methyl cyclohexane	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Methyl tert butyl ether (MTBE)	391.69	1958.48	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Methylene chloride	722.51	9031.38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Naphthalene	4.00	20.01	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Styrene	8894.54	39135.98	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Tetrachloroethene	12.99	64.95	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Toluene	19155.42	81042.17	1.0 U	0.27 J	0.18 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
trans-1,2-Dichloroethene	377.69	1558.73	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.72 J
trans-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Trichloroethene	1.07	7.45	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.27 J	1.0 U	0.93 J	0.96 J	78**
Trichlorofluoromethane (CFC-11)	184.08	781.71	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ
Trifluorotrichloroethane (Freon 113)	1441.56	6045.25	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ
Vinyl chloride	0.14	2.46	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Xylenes (total)	472.20	2077.68	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	4.0 U

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals													
Aluminum (dissolved)	-	-	-	-	-	200 U	-	-	-	-	-	-	-
Antimony (dissolved)	-	-	-	-	-	10 U	-	-	-	-	-	-	-
Arsenic (dissolved)	-	-	-	-	-	10 U	-	-	-	-	-	-	-
Barium (dissolved)	-	-	-	-	-	270	-	-	-	-	-	-	-
Beryllium (dissolved)	-	-	-	-	-	5.0 U	-	-	-	-	-	-	-
Cadmium (dissolved)	-	-	-	-	-	2.0 U	-	-	-	-	-	-	-
Calcium (dissolved)	-	-	-	-	-	160000	-	-	-	-	-	-	-
Chromium (dissolved)	-	-	-	-	-	5.0 U	-	-	-	-	-	-	-
Cobalt (dissolved)	-	-	-	-	-	7.0 U	-	-	-	-	-	-	-
Copper (dissolved)	-	-	-	-	-	25 U	-	-	-	-	-	-	-
Iron (dissolved)	-	-	-	-	-	510	-	-	-	-	-	-	-
Lead (dissolved)	-	-	-	-	-	3.0 U	-	-	-	-	-	-	-
Magnesium (dissolved)	-	-	-	-	-	51000	-	-	-	-	-	-	-
Manganese (dissolved)	-	-	-	-	-	140	-	-	-	-	-	-	-
Mercury (dissolved)	0.68	2.78	-	-	-	0.20 U	-	-	-	-	-	-	-
Nickel (dissolved)	-	-	-	-	-	13 J	-	-	-	-	-	-	-
Potassium (dissolved)	-	-	-	-	-	11000 J	-	-	-	-	-	-	-
Selenium (dissolved)	-	-	-	-	-	5.1	-	-	-	-	-	-	-
Silver (dissolved)	-	-	-	-	-	5.0 U	-	-	-	-	-	-	-
Sodium (dissolved)	-	-	-	-	-	220000	-	-	-	-	-	-	-
Thallium (dissolved)	-	-	-	-	-	10 U	-	-	-	-	-	-	-
Vanadium (dissolved)	-	-	-	-	-	7.0 U	-	-	-	-	-	-	-
Zinc (dissolved)	-	-	-	-	-	50 U	-	-	-	-	-	-	-
PCBs													
Aroclor-1016 (PCB-1016)	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.14	0.70	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.14	0.70	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons													
Total Petroleum Hydrocarbons (C10-C20)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			BH17-13	BH17-13	BH18-13	BH18-13	BH18-13	BH19-13	BH20-13	BH20-13	BH21-13	BH22-13	BH23-13
Sample ID:			GW-38443-061213-SM-010	GW-38443-071013-JT-107	GW-38443-061213-SM-012	GW-38443-070913-JT-105	GW-38443-070913-JT-106	GW-38443-061313-SM-015	WG-38443-061713-SM-023	WG-38443-061713-SM-024	WG-38443-061713-SM-025	WG-38443-061713-SM-026	WG-38443-061813-SM-031
Sample Date:			6/12/2013	7/10/2013	6/12/2013	7/9/2013	7/9/2013	6/13/2013	6/17/2013	6/17/2013	6/17/2013	6/17/2013	6/18/2013
Sample Depth:			21.5-25.5 ft BGS	29.5-33.5 ft BGS	21.5-25.5 ft BGS	29.5-33.5 ft BGS	29.5-33.5 ft BGS	19.25-23.25 ft BGS	20.5-24.5 ft BGS	20.5-24.5 ft BGS	19.25-23.25 ft BGS	21.5-25.5 ft BGS	20.5-24.5 ft BGS
							Duplicate			Duplicate			
Parameter	Protection of Residential IA c	Protection of Industrial IA d											
Volatile Organic Compounds													
1,1,1-Trichloroethane	7394.88	31286.05	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	2.80	14.00	1.0 U	2.9 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	4.45	22.86	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	6.53	33.51	1.0 U	2.9 U	0.22 J	0.25 J	1.0 U	0.23 J	1.0 U	1.0 U	0.45 J	0.24 J	1.0 U
1,1-Dichloroethene	196.80	824.71	1.0 U	1.1 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	36.17	151.58	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.03	0.33	2.0 U	5.7 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.15	0.75	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	2675.31	11210.83	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	1.95	9.74	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	2.08	10.41	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	-	-	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	2.23	11.16	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	2235405.38	9457484.31	1.0 U	29 U	1.0 U	1.0 U	2.7 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	8135.84	34118.05	1.0 U	29 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	549460.29	2304188.31	1.0 U	29 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Acetone	22363547.42	97840519.95	1.0 U	29 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Benzene	1.37	7.05	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	0.76	3.81	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	-	-	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	17.33	73.31	1.0 U	2.9 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Carbon disulfide	1239.99	5265.69	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	0.36	1.77	1.0 U	2.9 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	408.98	1730.29	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	22036.04	98958.58	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	0.73	3.53	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	260.68	1081.56	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	-	-	1.0 U	27	3.1	4.4	4.3	3.5	1.0	1.0	0.52 J	1.1	0.37 J
cis-1,3-Dichloropropene	-	-	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	1027.32	4239.73	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	2.81	14.08	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	7.13	31.38	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	3.01	15.21	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	893.32	3828.52	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	-	-	1.0 U	29 UJ	1.0 U	1.0 U	1.0 U	0.38 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl cyclohexane	-	-	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	391.69	1958.48	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	722.51	9031.38	1.0 U	2.9 U	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	4.00	20.01	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U
Styrene	8894.54	39135.98	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	12.99	64.95	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	19155.42	81042.17	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.13 J	0.19 J	1.0 U	1.0 U
trans-1,2-Dichloroethene	377.69	1558.73	1.0 U	1.9 J	1.0 U	0.28 J	0.20 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	-	-	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	1.07	7.45	0.56 J	94[e#]	3.4[e]	8.8[e#]	8.2[e#]	1.8[e]	1.8[e]	1.8[e]	1.0 U	0.72 J	0.79 J
Trichlorofluoromethane (CFC-11)	184.08	781.71	1.0 U	2.9 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Trifluorotrichloroethane (Freon 113)	1441.56	6045.25	1.0 U	2.9 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	0.14	2.46	1.0 U	2.9 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	472.20	2077.68	2.0 U	5.7 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals													
Aluminum (dissolved)	-	-	-	-	200 U	200 U	200 U	-	-	-	-	200 U	-
Antimony (dissolved)	-	-	-	-	10 U	10 U	10 U	-	-	-	-	10 U	-
Arsenic (dissolved)	-	-	-	-	10 U	10 U	10 U	-	-	-	-	10 U	-
Barium (dissolved)	-	-	-	-	140 J	160 J	150 J	-	-	-	-	110 J	-
Beryllium (dissolved)	-	-	-	-	5.0 U	5.0 U	5.0 U	-	-	-	-	5.0 U	-
Cadmium (dissolved)	-	-	-	-	2.0 U	2.0 U	2.0 U	-	-	-	-	2.0 U	-
Calcium (dissolved)	-	-	-	-	150000	150000	130000	-	-	-	-	140000	-
Chromium (dissolved)	-	-	-	-	5.0 U	5.0 U	5.0 U	-	-	-	-	5.0 U	-
Cobalt (dissolved)	-	-	-	-	3.2 J	1.8 J	2.0 J	-	-	-	-	7.0 U	-
Copper (dissolved)	-	-	-	-	25 U	25 U	25 U	-	-	-	-	25 U	-
Iron (dissolved)	-	-	-	-	2500	740	760	-	-	-	-	150	-
Lead (dissolved)	-	-	-	-	3.0 U	1.9 J	3.0 U	-	-	-	-	3.0 U	-
Magnesium (dissolved)	-	-	-	-	58000	58000	53000	-	-	-	-	53000	-
Manganese (dissolved)	-	-	-	-	430	260	250	-	-	-	-	440	-
Mercury (dissolved)	0.68	2.78	-	-	0.20 U	0.20 U	0.20 U	-	-	-	-	0.20 U	-
Nickel (dissolved)	-	-	-	-	11 J	7.0 J	7.9 J	-	-	-	-	7.4 J	-
Potassium (dissolved)	-	-	-	-	11000	10000	9400	-	-	-	-	9400	-
Selenium (dissolved)	-	-	-	-	5.0 U	5.0 U	5.0 U	-	-	-	-	5.0 U	-
Silver (dissolved)	-	-	-	-	5.0 U	5.0 U	5.0 U	-	-	-	-	5.0 U	-
Sodium (dissolved)	-	-	-	-	86000	100000	93000	-	-	-	-	91000	-
Thallium (dissolved)	-	-	-	-	10 U	10 U	10 U	-	-	-	-	5.5 J	-
Vanadium (dissolved)	-	-	-	-	7.0 U	7.0 U	7.0 U	-	-	-	-	7.0 U	-
Zinc (dissolved)	-	-	-	-	50 U	50 U	50 U	-	-	-	-	50 U	-
PCBs													
Aroclor-1016 (PCB-1016)	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.14	0.70	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.14	0.70	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons													
Total Petroleum Hydrocarbons (C10-C20)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			BH24-13	BH24-13	BH25-13	BH30-13	BH31-13	BH32-13	BH32-13	BH33-13	BH34-13	BH34-13	BH35-13
Sample ID:			WG-38443-061813-SM-027	WG-38443-061813-SM-028	WG-38443-061813-SM-029	GW-38443-070313-SK-097	GW-38443-070113-SK-086	GW-38443-070213-SK-093	GW-38443-070213-SK-094	GW-038443-062713-SM-078	GW-038443-062713-SM-081	GW-38443-062713-SM-081	GW-38443-062813-SM-083
Sample Date:			6/18/2013	6/18/2013	6/18/2013	7/3/2013	7/1/2013	7/2/2013	7/2/2013	6/27/2013	6/27/2013	6/27/2013	6/28/2013
Sample Depth:			20.6-24.6 ft BGS	20.6-24.6 ft BGS	21.75-25.75 ft BGS	32.5-36.5 ft BGS	29.5-33.5 ft BGS	29.5-33.5 ft BGS	29.5-33.5 ft BGS	26-30 ft BGS	-	27.5-31.5 ft BGS	27.5-31.5 ft BGS
				Duplicate					Duplicate				
Parameter	Protection of Residential IA	Protection of Industrial IA											
	c	d											
Volatile Organic Compounds													
1,1,1-Trichloroethane	7394.88	31286.05	1.0 U	1.0 U	0.67 J	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	2.80	14.00	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	4.45	22.66	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	6.53	33.51	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	0.99 J	1.0 U
1,1-Dichloroethene	196.80	824.71	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	36.17	151.58	1.0 U	1.0 U	1.0 U	1.4 UJ	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.03	0.33	2.0 U	2.0 U	2.0 U	2.9 UJ	4.0 U	2.0 U	2.0 U	10 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.15	0.75	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	2675.31	11210.83	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	0.45 J	1.0 U
1,2-Dichloroethane	1.95	9.74	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	2.0 J[a]	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	2.08	10.41	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	-	-	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	2.23	11.16	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	2235405.38	9457484.31	10 U	10 U	10 U	14 U	20 U	10 U	10 U	50 U	10 U	10 U	10 U
2-Hexanone	8135.84	34118.05	10 UJ	10 UJ	10 UJ	14 U	20 U	10 U	10 U	50 U	10 U	10 UJ	10 UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	549460.29	2304188.31	10 U	10 U	10 U	14 U	20 U	10 U	10 U	50 U	10 U	10 U	10 U
Acetone	22363547.42	97840519.95	10 U	10 U	10 U	14 U	20 U	10 U	10 U	7.1 J	10 U	10 U	10 U
Benzene	1.37	7.05	1.0 U	1.0 U	1.0 U	0.19 J	0.31 J	1.0 U	1.0 U	80[e,f]	0.49 J	0.48 J	1.0 U
Bromodichloromethane	0.76	3.81	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Bromoform	-	-	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 UJ	1.0 UJ	1.0 U	1.0 U
Bromomethane (Methyl bromide)	17.33	73.31	1.0 UJ	1.0 UJ	1.0 UJ	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 UJ	1.0 UJ
Carbon disulfide	1239.99	5265.69	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	0.36	1.77	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	408.98	1730.29	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	0.62 J	0.59 J	1.0 U
Chloroethane	22036.04	98958.58	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	9.4	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	0.73	3.53	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	260.68	1081.56	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	-	-	0.33 J	0.46 J	1.0 U	1.6	49	0.88 J	0.84 J	3.8 J	1.7	2.6	1.0 U
cis-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	1027.32	4239.73	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	1.0 J	1.0 U	1.0 U	1.0 U
Dibromochloromethane	2.81	14.08	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	7.13	31.38	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	3.01	15.21	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	100[e,f]	1.0 U	0.46 J	1.0 U
Isopropyl benzene	893.32	3828.52	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	6.8	1.0 U	1.0 U	1.0 U
Methyl acetate	-	-	10 U	10 U	10 U	14 U	20 U	10 U	10 U	50 U	10 U	10 U	10 U
Methyl cyclohexane	-	-	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	0.99 J	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	391.69	1958.48	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	722.51	9031.38	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 UJ	1.0 UJ
Naphthalene	4.00	20.01	1.0 UJ	1.0 UJ	1.0 UJ	1.4 U	2.0 U	1.0 U	1.0 U	5.1[e]	1.0 U	1.0 U	1.0 U
Styrene	8894.54	39135.98	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	0.69 J	1.0 U	1.0 U	1.0 U
Tetrachloroethene	12.99	64.95	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Toluene	19155.42	81042.17	1.0 U	1.0 U	0.15 J	1.4 U	2.0 U	0.17 J	0.13 J	32	0.34 J	11	1.0 U
trans-1,2-Dichloroethene	377.69	1558.73	1.0 U	1.0 U	1.0 U	1.4 U	1.1 J	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.4 UJ	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	1.07	7.45	1.7[a]	2.0[a]	1.3[a]	39[e,f]	57[e,f]	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	184.08	781.71	1.0 UJ	1.0 UJ	1.0 UJ	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 UJ	1.0 UJ
Trifluorotrichloroethane (Freon 113)	1441.56	6045.25	1.0 U	1.0 U	1.0 U	1.4 U	2.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	0.14	2.46	1.0 U	1.0 U	1.0 U	1.4 U	9.4[e,f]	1.0 U	1.0 U	1.1 J[a]	1.1[e,f]	1.9[a]	2.2[a]
Xylenes (total)	472.20	2077.68	2.0 U	2.0 U	2.0 U	2.9 U	4.0 U	2.0 U	2.0 U	190	2.0 U	2.2	2.0 U

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals													
Aluminum (dissolved)	-	-	-	-	200 U	200 U	-	-	-	-	-	-	-
Antimony (dissolved)	-	-	-	-	10 U	10 U	-	-	-	-	-	-	-
Arsenic (dissolved)	-	-	-	-	10 U	10 U	-	-	-	-	-	-	-
Barium (dissolved)	-	-	-	-	220	270	-	-	-	-	-	-	-
Beryllium (dissolved)	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	-
Cadmium (dissolved)	-	-	-	-	2.0 U	2.0 U	-	-	-	-	-	-	-
Calcium (dissolved)	-	-	-	-	150000	160000	-	-	-	-	-	-	-
Chromium (dissolved)	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	-
Cobalt (dissolved)	-	-	-	-	7.0 U	7.0 U	-	-	-	-	-	-	-
Copper (dissolved)	-	-	-	-	25 U	25 U	-	-	-	-	-	-	-
Iron (dissolved)	-	-	-	-	610	1200	-	-	-	-	-	-	-
Lead (dissolved)	-	-	-	-	3.0 U	3.0 U	-	-	-	-	-	-	-
Magnesium (dissolved)	-	-	-	-	46000	43000	-	-	-	-	-	-	-
Manganese (dissolved)	-	-	-	-	280	150	-	-	-	-	-	-	-
Mercury (dissolved)	0.68	2.78	-	-	0.20 U	0.20 U	-	-	-	-	-	-	-
Nickel (dissolved)	-	-	-	-	5.8 J	40 U	-	-	-	-	-	-	-
Potassium (dissolved)	-	-	-	-	8900	7200	-	-	-	-	-	-	-
Selenium (dissolved)	-	-	-	-	5.0 U	11	-	-	-	-	-	-	-
Silver (dissolved)	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	-
Sodium (dissolved)	-	-	-	-	48000	35000	-	-	-	-	-	-	-
Thallium (dissolved)	-	-	-	-	5.1 J	10 U	-	-	-	-	-	-	-
Vanadium (dissolved)	-	-	-	-	7.0 U	7.0 U	-	-	-	-	-	-	-
Zinc (dissolved)	-	-	-	-	50 U	50 U	-	-	-	-	-	-	-
PCBs													
Aroclor-1016 (PCB-1016)	-	-	-	-	-	0.48 U	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.14	0.70	-	-	-	0.48 U	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.14	0.70	-	-	-	0.48 U	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	-	-	-	-	0.48 U	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	-	-	-	-	0.48 U	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	-	-	-	-	0.48 U	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	-	-	-	-	0.48 U	-	-	-	-	-	-	-
Petroleum Hydrocarbons													
Total Petroleum Hydrocarbons (C10-C20)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			BH36-13	BH37-13	BH38-13	BH39-13	BH40-13	BH42-13	BH43-13	BH44-13	BH46-13	BH46B-13	BH48B-13
Sample ID:			GW-38443-070213-SK-087	GW-38443-070313-SK-095	GW-38443-062813-SM-082	GW-38443-070113-SK-085	GW-38443-070213-SK-089	GW-38443-070813-JT-098	GW-38443-070213-SK-090	GW-38443-070213-SK-091	GW-38443-070213-SK-092	GW-38443-070313-SK-096	GW-38443-070813-JT-099
Sample Date:			7/2/2013	7/3/2013	6/28/2013	7/1/2013	7/2/2013	7/8/2013	7/2/2013	7/2/2013	7/2/2013	7/3/2013	7/8/2013
Sample Depth:			33-37 ft BGS	28-32 ft BGS	28.5-32.5 ft BGS	31-25 ft BGS	31.5-35.5 ft BGS	33-37 ft BGS	28.5-32.5 ft BGS	38.5-42.5 ft BGS	31-35 ft BGS	29-33 ft BGS	30-34 ft BGS
Parameter	Protection of Residential IA c	Protection of Industrial IA d											
Volatile Organic Compounds													
1,1,1-Trichloroethane	7394.88	31286.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.48 J	1.0 U	11 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	2.80	14.00	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	11 U	1.0 UJ	1.0 U
1,1,2-Trichloroethane	4.45	22.86	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	11 U	1.0 U	1.0 U
1,1-Dichloroethane	6.53	33.51	1.0 U	0.44 J	1.0 U	0.37 J	1.0 U	1.0 U	4.0	0.53 J	11 U	1.0 U	0.18 J
1,1-Dichloroethene	196.80	824.71	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	11 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	36.17	151.58	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	11 U	1.0 UJ	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.03	0.33	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	22 U	2.0 UJ	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.15	0.75	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	11 U	1.0 U	1.0 U
1,2-Dichlorobenzene	2675.31	11210.83	1.0 U	0.21 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 J	1.0 U	0.92 J
1,2-Dichloroethane	1.95	9.74	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	11 U	1.0 U	1.0 U
1,2-Dichloropropane	2.08	10.41	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	11 U	1.0 U	1.0 U
1,3-Dichlorobenzene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	11 U	1.0 U	1.0 U
1,4-Dichlorobenzene	2.23	11.16	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	11 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	2235405.38	9457484.31	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	110 U	10 U	10 U
2-Hexanone	8135.84	34118.05	10 U	10 U	10 UJ	10 U	10 U	10 UJ	10 U	10 U	110 U	10 U	10 UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	549460.29	2304188.31	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	110 U	10 U	10 UJ
Acetone	22363547.42	97840519.95	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	110 U	10 U	10 U
Benzene	1.37	7.05	1.0 U	0.63 J	1.0 U	1.0 U	1.0 U	1.0 U	0.15 J	1.0 U	100[e,f]	1.0 U	0.61 J
Bromodichloromethane	0.76	3.81	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	11 U	1.0 U	1.0 U
Bromoform	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	11 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	17.33	73.31	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	11 U	1.0 U	1.0 UJ
Carbon disulfide	1239.99	5265.69	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	11 U	1.0 U	1.0 U
Carbon tetrachloride	0.36	1.77	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	11 U	1.0 U	1.0 U
Chlorobenzene	408.98	1730.29	1.0 U	0.61 J	1.0 U	1.0 U	1.0 U	0.44 J	1.0 U	1.0 U	6.3 J	0.41 J	1.7
Chloroethane	22036.04	98958.58	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	11 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	0.73	3.53	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	11 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	260.68	1081.56	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	11 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	-	-	1.6	4.7	1.0 U	6.6	2.0	1.0 U	27	1.7	2.8 J	1.0 U	2.5
cis-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	11 U	1.0 U	1.0 U
Cyclohexane	1027.32	4239.73	1.0 U	0.12 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	11 U	1.0 U	0.22 J
Dibromochloromethane	2.81	14.08	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	11 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	7.13	31.38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	11 U	1.0 U	1.0 U
Ethylbenzene	3.01	15.21	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	9.9 J[e]	1.0 U	1.0 U
Isopropyl benzene	893.32	3828.52	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.7 J	1.0 U	1.0 U
Methyl acetate	-	-	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	110 U	10 U	10 U
Methyl cyclohexane	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	11 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	391.69	1958.48	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	11 U	1.0 U	1.0 U
Methylene chloride	722.51	9031.38	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	11 U	1.0 U	1.0 UJ
Naphthalene	4.00	20.01	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4	1.0 U	1.0 U	11 U	1.0 U	1.0 U
Styrene	8894.54	39135.98	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	11 U	1.0 U	1.0 U
Tetrachloroethene	12.99	64.95	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	11 U	1.0 U	1.0 U
Toluene	19155.42	81042.17	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.18 J	1.0 U	0.13 J	270	1.0 U	0.28 J
trans-1,2-Dichloroethene	377.69	1558.73	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.45 J	1.0 U	11 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	-	-	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	11 U	1.0 UJ	1.0 U
Trichloroethene	1.07	7.45	1.0 U	1.0 U	1.0 U	1.0	0.56 J	1.0 U	6.1[e]	1.9[e]	11 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	184.08	781.71	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	11 U	1.0 U	1.0 UJ
Trifluorotrichloroethane (Freon 113)	1441.56	6045.25	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	11 U	1.0 U	1.0 U
Vinyl chloride	0.14	2.46	2.3[e]	7.7[e,f]	1.0 U	3.8[e,f]	0.25 J[e]	3.5[e,f]	6.2[e,f]	0.28 J[e]	11 U	1.0 U	2.9[e,f]
Xylenes (total)	472.20	2077.68	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	36	2.0 U	2.0 U

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals													
Aluminum (dissolved)	-	-	200 U	-	-	-	200 U	-	-	-	200 U	200 U	200 U
Antimony (dissolved)	-	-	10 U	-	-	-	10 U	-	-	-	10 U	10 U	10 U
Arsenic (dissolved)	-	-	10 U	-	-	-	10 U	-	-	-	5.1 J	10 U	11
Barium (dissolved)	-	-	930	-	-	-	630	-	-	-	830	570	660
Beryllium (dissolved)	-	-	5.0 U	-	-	-	5.0 U	-	-	-	5.0 U	5.0 U	5.0 U
Cadmium (dissolved)	-	-	2.0 U	-	-	-	2.0 U	-	-	-	2.0 U	2.0 U	2.0 U
Calcium (dissolved)	-	-	110000	-	-	-	130000	-	-	-	160000	150000	150000
Chromium (dissolved)	-	-	5.0 U	-	-	-	5.0 U	-	-	-	5.0 U	5.0 U	5.0 U
Cobalt (dissolved)	-	-	7.0 U	-	-	-	2.7 J	-	-	-	7.0 U	1.8 J	7.0 U
Copper (dissolved)	-	-	25 U	-	-	-	25 U	-	-	-	25 U	8.3 J	25 U
Iron (dissolved)	-	-	2100	-	-	-	2600	-	-	-	24000	2400	12000
Lead (dissolved)	-	-	3.0 U	-	-	-	3.0 U	-	-	-	3.0 U	3.0 U	3.0 U
Magnesium (dissolved)	-	-	51000	-	-	-	70000	-	-	-	48000	49000	43000
Manganese (dissolved)	-	-	1200	-	-	-	720	-	-	-	280	1000	230
Mercury (dissolved)	0.68	2.78	0.20 U	-	-	-	0.20 U	-	-	-	0.20 U	0.20 U	0.20 U
Nickel (dissolved)	-	-	14 J	-	-	-	7.3 J	-	-	-	40 U	40 U	4.2 J
Potassium (dissolved)	-	-	16000	-	-	-	20000 J	-	-	-	17000 J	11000	8500
Selenium (dissolved)	-	-	5.0 U	-	-	-	5.0 U	-	-	-	5.0 U	8.0	5.0 U
Silver (dissolved)	-	-	5.0 U	-	-	-	5.0 U	-	-	-	5.0 U	5.0 U	5.0 U
Sodium (dissolved)	-	-	85000	-	-	-	73000	-	-	-	100000	100000	83000
Thallium (dissolved)	-	-	6.7 J	-	-	-	5.0 J	-	-	-	4.9 J	10 U	10 U
Vanadium (dissolved)	-	-	7.0 U	-	-	-	7.0 U	-	-	-	7.0 U	7.0 U	7.0 U
Zinc (dissolved)	-	-	51 U	-	-	-	50 U	-	-	-	50 U	50 U	51
PCBs													
Aroclor-1016 (PCB-1016)	-	-	0.48 U	-	-	-	0.48 U	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.14	0.70	0.48 U	-	-	-	0.48 U	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.14	0.70	0.48 U	-	-	-	0.48 U	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	-	0.48 U	-	-	-	0.48 U	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	-	0.48 U	-	-	-	0.48 U	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	-	0.48 U	-	-	-	0.48 U	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	-	0.48 U	-	-	-	0.48 U	-	-	-	-	-	-
Petroleum Hydrocarbons													
Total Petroleum Hydrocarbons (C10-C20)	-	-	-	-	-	-	-	-	-	-	-	-	480 U
Total Petroleum Hydrocarbons (C20-C34)	-	-	-	-	-	-	-	-	-	-	-	-	480 U

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			BH49-13	BH51-13	BH52-13	BH53-13	BH54-13	BH55-13	BH56-13	BH57-13	BH57-13	BH58-13	BH59-13
Sample ID:			WG-38443-061813-SM-032	WG-38443-062113-SM-058	WG-38443-061913-SM-041	WG-38443-061813-SM-034	WG-38443-061813-SM-033	WG-38443-061813-SM-035	WG-38443-061913-SM-036	WG-38443-061913-SM-037	WG-38443-061913-SM-038	WG-38443-061913-SM-044	WG-38443-061913-SM-040
Sample Date:			6/18/2013	6/21/2013	6/19/2013	6/18/2013	6/18/2013	6/18/2013	6/19/2013	6/19/2013	6/19/2013	6/19/2013	6/19/2013
Sample Depth:			21.5-25.5 ft BGS	22.5-26.5 ft BGS	24.8-28.8 ft BGS	22-26 ft BGS	21.5-25.5 ft BGS	25.5-29.5 ft BGS	24-28 ft BGS	24-28 ft BGS	24-28 ft BGS	24.5-28.5 ft BGS	23.5-27.5 ft BGS
											Duplicate		
Parameter	Protection of Residential IA c	Protection of Industrial IA d											
Volatile Organic Compounds													
1,1,1-Trichloroethane	7394.88	31286.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	2.80	14.00	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	4.45	22.66	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	6.53	33.51	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	196.80	824.71	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	36.17	151.58	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.03	0.33	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.15	0.75	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	2675.31	11210.83	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	1.95	9.74	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	2.08	10.41	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	2.23	11.16	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	2235405.38	9457484.31	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	8135.84	34118.05	10 U	10 U	10 UJ	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ	10 U	10 UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	549460.29	2304188.31	10 U	0.34 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	22363547.42	97840519.95	10 U	10 U	1.3 J	10 U	10 U	10 U	1.1 J	10 U	2.0 J	10 U	10 U
Benzene	1.37	7.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	0.76	3.81	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	17.33	73.31	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Carbon disulfide	1239.99	5265.69	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	0.36	1.77	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	408.98	1730.29	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	22036.04	98958.58	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	0.73	3.53	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	260.68	1081.56	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	-	-	0.33 J	1.0 U	5.6	0.52 J	0.17 J	2.5	0.98 J	4.1	4.1	0.29 J	0.68 J
cis-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	1027.32	4239.73	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	2.81	14.08	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	7.13	31.38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	3.01	15.21	1.0 U	0.84 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.68 J	1.0 U
Isopropyl benzene	893.32	3828.52	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	-	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	391.69	1958.48	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	722.51	9031.38	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U
Naphthalene	4.00	20.01	1.0 U	0.32 J	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Styrene	8894.54	39135.98	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	12.99	64.95	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	19155.42	81042.17	1.0 U	0.32 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.34 J	0.14 J
trans-1,2-Dichloroethene	377.69	1558.73	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	1.07	7.45	1.0 U	1.0 U	0.40 J	2.6*	0.56 J	2.1*	0.71 J	0.95 J	0.95 J	1.0 U	1.6*
Trichlorofluoromethane (CFC-11)	184.08	781.71	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Trifluorotrichloroethane (Freon 113)	1441.56	6045.25	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	0.14	2.46	1.0 U	1.0 U	0.73 J*	1.0 U	1.0 U	0.46 J*	1.0 U	0.48 J*	0.40 J*	1.0 U	1.0 U
Xylenes (total)	472.20	2077.68	2.0 U	6.3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	4.7	2.0 U

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals													
Aluminum (dissolved)	-	-	200 U	-	-	-	-	-	-	-	-	-	-
Antimony (dissolved)	-	-	10 U	-	-	-	-	-	-	-	-	-	-
Arsenic (dissolved)	-	-	6.0 J	-	-	-	-	-	-	-	-	-	-
Barium (dissolved)	-	-	1700	-	-	-	-	-	-	-	-	-	-
Beryllium (dissolved)	-	-	5.0 U	-	-	-	-	-	-	-	-	-	-
Cadmium (dissolved)	-	-	2.0 U	-	-	-	-	-	-	-	-	-	-
Calcium (dissolved)	-	-	170000	-	-	-	-	-	-	-	-	-	-
Chromium (dissolved)	-	-	5.0 U	-	-	-	-	-	-	-	-	-	-
Cobalt (dissolved)	-	-	7.0 U	-	-	-	-	-	-	-	-	-	-
Copper (dissolved)	-	-	25 U	-	-	-	-	-	-	-	-	-	-
Iron (dissolved)	-	-	8400	-	-	-	-	-	-	-	-	-	-
Lead (dissolved)	-	-	3.0 U	-	-	-	-	-	-	-	-	-	-
Magnesium (dissolved)	-	-	57000	-	-	-	-	-	-	-	-	-	-
Manganese (dissolved)	-	-	440	-	-	-	-	-	-	-	-	-	-
Mercury (dissolved)	0.68	2.78	0.20 U	-	-	-	-	-	-	-	-	-	-
Nickel (dissolved)	-	-	4.4 J	-	-	-	-	-	-	-	-	-	-
Potassium (dissolved)	-	-	14000	-	-	-	-	-	-	-	-	-	-
Selenium (dissolved)	-	-	5.0 U	-	-	-	-	-	-	-	-	-	-
Silver (dissolved)	-	-	5.0 U	-	-	-	-	-	-	-	-	-	-
Sodium (dissolved)	-	-	120000	-	-	-	-	-	-	-	-	-	-
Thallium (dissolved)	-	-	5.9 J	-	-	-	-	-	-	-	-	-	-
Vanadium (dissolved)	-	-	7.0 U	-	-	-	-	-	-	-	-	-	-
Zinc (dissolved)	-	-	50 U	-	-	-	-	-	-	-	-	-	-
PCBs													
Aroclor-1016 (PCB-1016)	-	-	-	-	-	-	-	-	-	0.49 UJ	0.49 UJ	0.52 UJ	0.52 UJ
Aroclor-1221 (PCB-1221)	0.14	0.70	-	-	-	-	-	-	-	0.49 UJ	0.49 UJ	0.52 UJ	0.52 UJ
Aroclor-1232 (PCB-1232)	0.14	0.70	-	-	-	-	-	-	-	0.49 UJ	0.49 UJ	0.52 UJ	0.52 UJ
Aroclor-1242 (PCB-1242)	-	-	-	-	-	-	-	-	-	0.49 UJ	0.49 UJ	0.52 UJ	0.52 UJ
Aroclor-1248 (PCB-1248)	-	-	-	-	-	-	-	-	-	0.49 UJ	0.49 UJ	0.52 UJ	0.52 UJ
Aroclor-1254 (PCB-1254)	-	-	-	-	-	-	-	-	-	0.49 UJ	0.49 UJ	0.52 UJ	0.52 UJ
Aroclor-1260 (PCB-1260)	-	-	-	-	-	-	-	-	-	0.49 UJ	0.49 UJ	0.52 UJ	0.52 UJ
Petroleum Hydrocarbons													
Total Petroleum Hydrocarbons (C10-C20)	-	-	540 UJ	530 U	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-	540 UJ	530 U	-	-	-	-	-	-	-	-	-

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			BH60-13	BH61-13	BH62-13	BH63-13	BH64-13	BH65-13	BH66-13	BH67-13	BH68-13	BH69-13	BH70-13
Sample ID:			WG-38443-061913-SM-045	WG-38443-061913-SM-046	WG-38443-061913-SM-043	WG-38443-062013-SM-052	WG-38443-061913-SM-042	WG-38443-062013-SM-053	GW-38443-062613-SM-074	WG-38443-062013-SM-055	WG-38443-062013-SM-047	WG-38443-062113-SM-059	WG-38443-062113-SM-057
Sample Date:			6/19/2013	6/19/2013	6/19/2013	6/20/2013	6/19/2013	6/20/2013	6/26/2013	6/20/2013	6/20/2013	6/21/2013	6/21/2013
Sample Depth:			23-27 ft BGS	24.2-28.2 ft BGS	24.5-28.5 ft BGS	26-30 ft BGS	25-29 ft BGS	25-29 ft BGS	25-29 ft BGS	24-28 ft BGS	24.5-28.5 ft BGS	24-28 ft BGS	23.5-27.5 ft BGS
Parameter	Protection of Residential IA	Protection of Industrial IA											
	c	d											
Volatile Organic Compounds													
1,1,1-Trichloroethane	7394.88	31286.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
1,1,2,2-Tetrachloroethane	2.80	14.00	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
1,1,2-Trichloroethane	4.45	22.66	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
1,1-Dichloroethane	6.53	33.51	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.53 J	0.55 J	1.0 U	1.7 U	2.0 U
1,1-Dichloroethene	196.80	824.71	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
1,2,4-Trichlorobenzene	36.17	151.58	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.03	0.33	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	3.3 U	4.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.15	0.75	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
1,2-Dichlorobenzene	2675.31	11210.83	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
1,2-Dichloroethane	1.95	9.74	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
1,2-Dichloropropane	2.08	10.41	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
1,3-Dichlorobenzene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
1,4-Dichlorobenzene	2.23	11.16	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	2235405.38	9457484.31	1.0 U	1.0 U	3.0 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1.3 J
2-Hexanone	8135.84	34118.05	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.7 UJ	2.0 UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	549460.29	2304188.31	1.0 U	1.0 U	2.2 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
Acetone	22363547.42	97840519.95	1.0 U	1.0 U	2.4 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 UJ	2.0 UJ
Benzene	1.37	7.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
Bromodichloromethane	0.76	3.81	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
Bromoform	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.7 U	2.0 U
Bromomethane (Methyl bromide)	17.33	73.31	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.7 UJ	2.0 UJ
Carbon disulfide	1239.99	5265.69	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
Carbon tetrachloride	0.36	1.77	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
Chlorobenzene	408.98	1730.29	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.28 J	0.48 J	0.88 J	0.85 J	2.0 U
Chloroethane	22036.04	98958.58	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
Chloroform (Trichloromethane)	0.73	3.53	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.48 J	0.57 J
Chloromethane (Methyl chloride)	260.68	1081.56	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
cis-1,2-Dichloroethene	-	-	0.81 J	0.73 J	1.0 U	0.90 J	0.88 J	1.8	2.0	1.0	1.4	25	0.72 J
cis-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
Cyclohexane	1027.32	4239.73	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
Dibromochloromethane	2.81	14.08	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
Dichlorodifluoromethane (CFC-12)	7.13	31.38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
Ethylbenzene	3.01	15.21	1.0 U	1.0 U	0.86 J	1.0 U	1.0 U	1.0 U	0.39 J	0.67 J	1.0 U	1.7 U	2.0 U
Isopropyl benzene	893.32	3828.52	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
Methyl acetate	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
Methyl cyclohexane	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.17 J	1.0 U	1.0 U	1.7 U	2.0 U
Methyl tert butyl ether (MTBE)	391.69	1958.48	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
Methylene chloride	722.51	9031.38	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.7 U	2.0 U
Naphthalene	4.00	20.01	1.0 UJ	1.0 UJ	0.43 J	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.7 UJ	2.0 UJ
Styrene	8894.54	39135.98	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
Tetrachloroethene	12.99	64.95	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5	2.0 U
Toluene	19155.42	81042.17	1.0 U	1.0 U	0.50 J	0.22 J	1.0 U	1.0 U	1.0 U	1.0 U	0.17 J	0.92 J	1.2 J
trans-1,2-Dichloroethene	377.69	1558.73	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.37 J	2.0 U
trans-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
Trichloroethene	1.07	7.45	1.3[a]	0.80 J	1.0 U	0.70 J	1.1[a]	1.0 U	1.0 U	1.0 U	1.0 U	43[a,e]	74[a,e]
Trichlorofluoromethane (CFC-11)	184.08	781.71	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.7 UJ	2.0 UJ
Trifluorotrichloroethane (Freon 113)	1441.56	6045.25	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	2.0 U
Vinyl chloride	0.14	2.46	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.29 J[a]	0.57 J[a]	1.0 U	1.7 U	2.0 U
Xylenes (total)	472.20	2077.68	2.0 U	2.0 U	7.3	2.0 U	2.0 U	2.0 U	0.64 J	0.30 J	2.0 U	3.3 U	4.0 U

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals													
Aluminum (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury (dissolved)	0.68	2.78	-	-	-	-	-	-	-	-	-	-	-
Nickel (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs													
Aroclor-1016 (PCB-1016)	-	-	0.49 UJ	0.51 UJ	0.51 UJ	0.50 U	0.49 UJ	0.53 U	0.52 U	0.54 U	0.48 U	0.48 U	0.49 U
Aroclor-1221 (PCB-1221)	0.14	0.70	0.49 UJ	0.51 UJ	0.51 UJ	0.50 U	0.49 UJ	0.53 U	0.52 U	0.54 U	0.48 U	0.48 U	0.49 U
Aroclor-1232 (PCB-1232)	0.14	0.70	0.49 UJ	0.51 UJ	0.51 UJ	0.50 U	0.49 UJ	0.53 U	0.52 U	0.54 U	0.48 U	0.48 U	0.49 U
Aroclor-1242 (PCB-1242)	-	-	0.49 UJ	0.51 UJ	0.51 UJ	0.50 U	0.49 UJ	0.53 U	0.52 U	0.54 U	0.48 U	0.48 U	0.49 U
Aroclor-1248 (PCB-1248)	-	-	0.49 UJ	0.51 UJ	0.51 UJ	0.50 U	0.49 UJ	0.53 U	0.52 U	0.54 U	0.48 U	0.48 U	0.49 U
Aroclor-1254 (PCB-1254)	-	-	0.49 UJ	0.51 UJ	0.51 UJ	0.50 U	0.49 UJ	0.53 U	0.52 U	0.54 U	0.48 U	0.48 U	0.49 U
Aroclor-1260 (PCB-1260)	-	-	0.49 UJ	0.51 UJ	0.51 UJ	0.50 U	0.49 UJ	0.53 U	0.52 U	0.54 U	0.48 U	0.48 U	0.49 U
Petroleum Hydrocarbons													
Total Petroleum Hydrocarbons (C10-C20)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			BH71-13	BH72-13	BH73-13	BH74-13	BH74-13	BH75-13	BH76-13	BH77-13	BH78-13	BH79-13	BH80-13
Sample ID:			WG-38443-062013-SM-054	WG-38443-062013-SM-056	WG-38443-062013-SM-051	WG-38443-062013-SM-048	WG-38443-062013-SM-049	WG-38443-062513-SM-068	GW-38443-062613-SM-072	WG-38443-062513-SM-069	WG-38443-062513-SM-067	GW-38443-062613-SM-075	WG-38443-062513-SM-066
Sample Date:			6/20/2013	6/20/2013	6/20/2013	6/20/2013	6/20/2013	6/25/2013	6/26/2013	6/25/2013	6/25/2013	6/26/2013	6/25/2013
Sample Depth:			24.5-26.5 ft BGS	21.75-25.75 ft BGS	21.5-25.5 ft BGS	22-26 ft BGS	22-26 ft BGS	23-27 ft BGS	23.5-27.5 ft BGS	23-27 ft BGS	23-27 ft BGS	24-28 ft BGS	25.5-29.5 ft BGS
							Duplicate						
Parameter	Protection of Residential IA	Protection of Industrial IA											
	c	d											
Volatile Organic Compounds													
1,1,1-Trichloroethane	7394.88	31286.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	2.80	14.00	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	4.45	22.86	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	6.53	33.51	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	0.62 J	0.25 J	0.33 J
1,1-Dichloroethene	196.80	824.71	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	36.17	151.58	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.4 U	1.0 UJ	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.03	0.33	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.9 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.15	0.75	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	2675.31	11210.83	1.0 U	0.35 J	1.0 U	1.0 U	1.0 U	1.0 U	0.13 J	0.56 J	1.0 U	0.15 J	1.0 U
1,2-Dichloroethane	1.95	9.74	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	2.08	10.41	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	-	-	1.0 U	0.31 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	2.23	11.16	1.0 U	2.6[a]	1.0 U	1.0 U	1.0 U	0.26 J	1.0 U	5.6[a]	0.20 J	0.59 J	1.0
2-Butanone (Methyl ethyl ketone) (MEK)	2235405.38	9457484.31	10 U	10 U	10 U	10 U	1.0 J	10 U	10 U	14 U	10 U	10 U	10 U
2-Hexanone	8135.84	34118.05	10 U	10 U	10 U	10 U	10 U	10 U	10 U	14 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	549460.29	2304188.31	10 U	10 U	10 U	10 U	10 U	10 U	10 U	14 U	10 U	10 U	10 U
Acetone	22363547.42	97840519.95	10 U	10 U	10 U	10 U	10 U	2.4 J	10 U	14 UJ	10 U	10 U	10 UJ
Benzene	1.37	7.05	1.0 U	0.79 J	1.0 U	1.0 U	1.0 U	0.49 J	0.89 J	12[ef]	0.20 J	0.25 J	0.23 J
Bromodichloromethane	0.76	3.81	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U
Bromoform	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.4 UJ	1.0 U	1.0 UJ	1.0 UJ
Bromomethane (Methyl bromide)	17.33	73.31	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.4 UJ	1.0 U	1.0 U	1.0 UJ
Carbon disulfide	1239.99	5265.69	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	0.36	1.77	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 UJ	1.0 U	1.0 U	1.0 UJ
Chlorobenzene	408.98	1730.29	0.35 J	7.2	1.0 U	1.0 U	1.0 U	4.5	0.47 J	40	0.44 J	5.7	3.4
Chloroethane	22036.04	98958.58	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.1	1.4 UJ	1.0 U	1.0 U	1.0 UJ
Chloroform (Trichloromethane)	0.73	3.53	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	260.68	1081.56	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	-	-	2.0	0.44 J	1.0 U	1.0 U	1.0 U	0.85 J	1.0 U	0.74 J	1.7	1.7	0.72 J
cis-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 UJ	1.0 U	1.0 U	1.0 UJ
Cyclohexane	1027.32	4239.73	1.0 U	0.74 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.27 J	1.0 U	1.0 U	0.12 J
Dibromochloromethane	2.81	14.08	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 UJ	1.0 U	1.0 U	1.0 UJ
Dichlorodifluoromethane (CFC-12)	7.13	31.38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.4 U	1.0 UJ	1.0 U	1.0 U
Ethylbenzene	3.01	15.21	1.0 U	1.0 U	1.0 U	0.42 J	0.59 J	1.0 U	1.0 U	2.2	0.27 J	1.0 U	1.0 U
Isopropyl benzene	893.32	3828.52	1.0 U	2.7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.9	0.19 J	1.0 U	1.0 U
Methyl acetate	-	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	14 U	10 U	10 U	10 U
Methyl cyclohexane	-	-	1.0 U	0.97 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.70 J	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	391.69	1958.48	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.26 J	2.0	0.24 J	1.0 U	0.36 J	0.24 J
Methylene chloride	722.51	9031.38	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U
Naphthalene	4.00	20.01	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	9.8[a]	1.0 UJ	1.0 U	1.0 U
Styrene	8894.54	39135.98	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	12.99	64.95	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	0.33 J	1.0 U	1.0 U
Toluene	19155.42	81042.17	1.0 U	0.24 J	1.0 U	0.25 J	0.33 J	0.19 J	0.15 J	0.59 J	0.48 J	0.17 J	0.13 J
trans-1,2-Dichloroethene	377.69	1558.73	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.4 UJ	1.0 UJ	1.0 U	1.0 UJ
Trichloroethene	1.07	7.45	0.24 J	0.17 J	2.6[a]	0.80 J	0.40 J	1.0 U	1.0 U	1.4 U	0.38 J	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	184.08	781.71	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	1441.56	6045.25	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	0.14	2.46	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.34 J[a]	1.0 U	0.32 J[a]	0.41 J[a]	5.3[ef]	0.41 J[a]
Xylenes (total)	472.20	2077.68	2.0 U	0.53 J	2.0 U	2.2 J	4.1 J	2.0 U	0.35 J	5.7	0.85 J	2.0 U	2.0 U

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals													
Aluminum (dissolved)	-	-	-	-	-	-	-	-	200 U	-	-	-	-
Antimony (dissolved)	-	-	-	-	-	-	-	-	10 U	-	-	-	-
Arsenic (dissolved)	-	-	-	-	-	-	-	-	10 U	-	-	-	-
Barium (dissolved)	-	-	-	-	-	-	-	-	1900	-	-	-	-
Beryllium (dissolved)	-	-	-	-	-	-	-	-	5.0 U	-	-	-	-
Cadmium (dissolved)	-	-	-	-	-	-	-	-	2.0 U	-	-	-	-
Calcium (dissolved)	-	-	-	-	-	-	-	-	140000	-	-	-	-
Chromium (dissolved)	-	-	-	-	-	-	-	-	3.7 J	-	-	-	-
Cobalt (dissolved)	-	-	-	-	-	-	-	-	7.0 U	-	-	-	-
Copper (dissolved)	-	-	-	-	-	-	-	-	25 U	-	-	-	-
Iron (dissolved)	-	-	-	-	-	-	-	-	26000	-	-	-	-
Lead (dissolved)	-	-	-	-	-	-	-	-	3.0 U	-	-	-	-
Magnesium (dissolved)	-	-	-	-	-	-	-	-	66000	-	-	-	-
Manganese (dissolved)	-	-	-	-	-	-	-	-	270	-	-	-	-
Mercury (dissolved)	0.68	2.78	-	-	-	-	-	-	0.20 U	-	-	-	-
Nickel (dissolved)	-	-	-	-	-	-	-	-	40 U	-	-	-	-
Potassium (dissolved)	-	-	-	-	-	-	-	-	24000	-	-	-	-
Selenium (dissolved)	-	-	-	-	-	-	-	-	5.0 U	-	-	-	-
Silver (dissolved)	-	-	-	-	-	-	-	-	5.0 U	-	-	-	-
Sodium (dissolved)	-	-	-	-	-	-	-	-	58000	-	-	-	-
Thallium (dissolved)	-	-	-	-	-	-	-	-	10 U	-	-	-	-
Vanadium (dissolved)	-	-	-	-	-	-	-	-	7.0 U	-	-	-	-
Zinc (dissolved)	-	-	-	-	-	-	-	-	50 U	-	-	-	-
PCBs													
Aroclor-1016 (PCB-1016)	-	-	0.49 U	0.50 U	0.49 U	0.48 U	0.54 U	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.14	0.70	0.49 U	0.50 U	0.49 U	0.48 U	0.54 U	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.14	0.70	0.49 U	0.50 U	0.49 U	0.48 U	0.54 U	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	-	0.49 U	0.50 U	0.49 U	0.48 U	0.54 U	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	-	0.49 U	0.50 U	0.49 U	0.48 U	0.54 U	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	-	0.49 U	0.50 U	0.49 U	0.48 U	0.54 U	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	-	0.49 U	0.50 U	0.49 U	0.48 U	0.54 U	-	-	-	-	-	-
Petroleum Hydrocarbons													
Total Petroleum Hydrocarbons (C10-C20)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			BH81-13	BH81-13	BH82-13	BH83-13	BH83-13	BH84-13	BH85-13	BH85-13	BH86-13	BH87-13
Sample ID:			GW-038443-062713-SM-079	GW-038443-062713-SM-080	WG-38443-062513-SM-064	WG-38443-062513-SM-063	WG-38443-062513-SM-065	GW-38443-062613-SM-076	WG-38443-062513-SM-070	WG-38443-062513-SM-071	WG-38443-062413-SM-061	GW-38443-062613-SM-077
Sample Date:			6/27/2013	6/27/2013	6/25/2013	6/25/2013	6/25/2013	6/26/2013	6/25/2013	6/25/2013	6/24/2013	6/26/2013
Sample Depth:			25-29 ft BGS	25-29 ft BGS	22-26 ft BGS	23.2-27.2 ft BGS	23.2-27.2 ft BGS	22-26 ft BGS	23.5-27.5 ft BGS	23.5-27.5 ft BGS	25.5-29.5 ft BGS	23-27 ft BGS
				Duplicate			Duplicate			Duplicate		
Parameter	Protection of Residential IA	Protection of Industrial IA										
	c	d										
Volatile Organic Compounds												
1,1,1-Trichloroethane	7394.88	31286.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U
1,1,2,2-Tetrachloroethane	2.80	14.00	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U
1,1,2-Trichloroethane	4.45	22.86	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U
1,1-Dichloroethane	6.53	33.51	0.40 J	0.41 J	0.47 J	1.0 U	1.0 U	1.7	0.35 J	0.35 J	2.2 U	0.23 J
1,1-Dichloroethene	196.80	824.71	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U
1,2,4-Trichlorobenzene	36.17	151.58	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	2.2 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.03	0.33	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	4.4 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.15	0.75	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U
1,2-Dichlorobenzene	2675.31	11210.83	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U
1,2-Dichloroethane	1.95	9.74	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U
1,2-Dichloropropane	2.08	10.41	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.62 J	0.54 J	2.2 U	1.0 U
1,3-Dichlorobenzene	-	-	1.0 U	1.0 U	1.0 U	0.44 J	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U
1,4-Dichlorobenzene	2.23	11.16	0.27 J	0.26 J	1.0 U	0.43 J	0.42 J	1.0 U	0.48 J	1.0 U	2.2 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	2235405.38	9457484.31	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	22 U	10 U
2-Hexanone	8135.84	34118.05	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	22 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	549460.29	2304188.31	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	22 U	10 U
Acetone	22363547.42	97840519.95	10 U	10 U	10 U	3.6 J	2.3 J	1.9 J	10 U	10 U	22 UJ	10 U
Benzene	1.37	7.05	0.33 J	0.33 J	1.0 U	0.31 J	0.30 J	0.37 J	1.0 U	1.0 U	0.30 J	0.29 J
Bromodichloromethane	0.76	3.81	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U
Bromoform	-	-	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	2.2 UJ	1.0 UJ
Bromomethane (Methyl bromide)	17.33	73.31	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 UJ	1.0 U
Carbon disulfide	1239.99	5265.69	1.0 U	1.0 U	0.17 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U
Carbon tetrachloride	0.36	1.77	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 UJ	1.0 U
Chlorobenzene	408.98	1730.29	2.8	2.7	0.21 J	8.6	8.8	3.5	1.2	1.0 U	7.2	1.0 U
Chloroethane	22036.04	98958.58	1.0 U	1.0 U	0.61 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 UJ	2.6
Chloroform (Trichloromethane)	0.73	3.53	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U
Chloromethane (Methyl chloride)	260.68	1081.56	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U
cis-1,2-Dichloroethene	-	-	1.1	1.1	1.0 U	2.1	2.0	2.6	1.0 U	1.0 U	9.4	1.0 U
cis-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 UJ	1.0 U
Cyclohexane	1027.32	4239.73	1.0 U	0.14 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U
Dibromochloromethane	2.81	14.08	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 UJ	1.0 U
Dichlorodifluoromethane (CFC-12)	7.13	31.38	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	2.2 U	1.0 U
Ethylbenzene	3.01	15.21	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U
Isopropyl benzene	893.32	3828.52	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U
Methyl acetate	-	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	22 U	10 U
Methyl cyclohexane	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U
Methyl tert butyl ether (MTBE)	391.69	1958.48	0.27 J	0.25 J	0.23 J	0.56 J	0.56 J	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U
Methylene chloride	722.51	9031.38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U
Naphthalene	4.00	20.01	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.3 J	0.24 J	2.2 U	1.0 U
Styrene	8894.54	39135.98	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	0.13 J
Tetrachloroethene	12.99	64.95	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U
Toluene	19155.42	81042.17	0.23 J	0.22 J	1.0 U	0.21 J	0.23 J	0.15 J	1.0 U	1.0 U	2.2 U	1.0 U
trans-1,2-Dichloroethene	377.69	1558.73	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U
trans-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	2.2 UJ	1.0 U
Trichloroethene	1.07	7.45	1.0 U	0.17 J	1.0 U	1.0 U	1.0 U	0.54 J	1.0 U	1.0 U	2.2 U	1.0 U
Trichlorofluoromethane (CFC-11)	184.08	781.71	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U
Trifluorotrichloroethane (Freon 113)	1441.56	6045.25	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.2 U	1.0 U
Vinyl chloride	0.14	2.46	0.42 J[e]	0.44 J[e]	1.9[e]	2.1[e]	2.2[e]	0.31 J[e]	1.0 U	1.0 U	54[ef]	1.0 U
Xylenes (total)	472.20	2077.68	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	4.4 U	2.0 U

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals												
Aluminum (dissolved)	-	-	200 U	200 U	-	-	-	-	200 U	200 U	-	-
Antimony (dissolved)	-	-	10 U	10 U	-	-	-	-	10 U	10 U	-	-
Arsenic (dissolved)	-	-	10 U	10 U	-	-	-	-	21	20	-	-
Barium (dissolved)	-	-	760	740	-	-	-	-	800	700	-	-
Beryllium (dissolved)	-	-	5.0 U	5.0 U	-	-	-	-	5.0 U	5.0 U	-	-
Cadmium (dissolved)	-	-	2.0 U	2.0 U	-	-	-	-	2.0 U	2.0 U	-	-
Calcium (dissolved)	-	-	140000	140000	-	-	-	-	82000	81000	-	-
Chromium (dissolved)	-	-	5.0 U	5.0 U	-	-	-	-	5.0 U	5.0 U	-	-
Cobalt (dissolved)	-	-	7.0 U	7.0 U	-	-	-	-	7.0 U	7.0 U	-	-
Copper (dissolved)	-	-	25 U	25 U	-	-	-	-	25 U	25 U	-	-
Iron (dissolved)	-	-	5600	5500	-	-	-	-	1500	1500	-	-
Lead (dissolved)	-	-	3.0 U	3.0 U	-	-	-	-	3.0 U	3.0 U	-	-
Magnesium (dissolved)	-	-	56000	55000	-	-	-	-	51000	50000	-	-
Manganese (dissolved)	-	-	150	140	-	-	-	-	100	100	-	-
Mercury (dissolved)	0.68	2.78	0.20 U	0.20 U	-	-	-	-	0.20 U	0.20 U	-	-
Nickel (dissolved)	-	-	4.6 J	4.1 J	-	-	-	-	40 U	40 U	-	-
Potassium (dissolved)	-	-	18000	18000	-	-	-	-	23000	23000	-	-
Selenium (dissolved)	-	-	5.0 U	5.0 U	-	-	-	-	5.0 U	5.0 U	-	-
Silver (dissolved)	-	-	5.0 U	5.0 U	-	-	-	-	5.0 U	5.0 U	-	-
Sodium (dissolved)	-	-	88000	85000	-	-	-	-	78000	77000	-	-
Thallium (dissolved)	-	-	10 U	10 U	-	-	-	-	10 U	10 U	-	-
Vanadium (dissolved)	-	-	7.0 U	7.0 U	-	-	-	-	7.0 U	7.0 U	-	-
Zinc (dissolved)	-	-	50 U	50 U	-	-	-	-	50 U	50 U	-	-
PCBs												
Aroclor-1016 (PCB-1016)	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.14	0.70	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.14	0.70	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons (C10-C20)	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			BH88-13	BH89-13	BH90-13	BH91-13	BH92-13	BH93-13	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank
Sample ID:			WG-38443-062413-SM-060	WG-38443-062413-SM-062	GW-38443-070913-JT-101	GW-38443-062813-SM-084	GW-38443-070913-JT-102	GW-38443-070913-JT-104	EB-038443-061413-SM-018	EB-38443-061813-SM-030	EB-38443-061913-SM-039	EB-38443-062013-SM-050	GW-38443-062613-SM-073
Sample Date:			6/24/2013	6/24/2013	7/9/2013	6/28/2013	7/9/2013	7/9/2013	6/14/2013	6/18/2013	6/19/2013	6/20/2013	6/26/2013
Sample Depth:			23-27 ft BGS	20.8-24.8 ft BGS	29.5-33.5 ft BGS	27-31 ft BGS	21.8-25.8 ft BGS	20-24 ft BGS	-	-	-	-	-
Parameter	Protection of Residential IA c	Protection of Industrial IA d											
Volatile Organic Compounds													
1,1,1-Trichloroethane	7394.88	31286.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	2.80	14.00	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	4.45	22.86	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	6.53	33.51	1.0 U	0.62 J	1.0 U	1.0 U	5.2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	196.80	824.71	1.0 U	0.39 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	36.17	151.58	1.2 J	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.03	0.33	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.15	0.75	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	2675.31	11210.83	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	1.95	9.74	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	2.08	10.41	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	2.23	11.16	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	2235405.38	9457484.31	10 U	10 U	1.0 J	10 U	1.4 J	2.3 J	10 U	10 U	10 U	10 U	10 U
2-Hexanone	8135.84	34118.05	10 U	10 U	10 UJ	10 UJ	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	549460.29	2304188.31	10 U	10 U	10 UJ	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U
Acetone	22363547.42	97840519.95	2.6 J	10 U	10 U	10 U	3.6 J	1.4 J	1.3 J	10 U	10 U	10 U	10 U
Benzene	1.37	7.05	0.67 J	0.21 J	1.0 U	1.0 U	0.55 J	0.62 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	0.76	3.81	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	17.33	73.31	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	1239.99	5265.69	0.24 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.20 J	1.0 U
Carbon tetrachloride	0.36	1.77	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	408.98	1730.29	2.9	1.4	1.0 U	0.48 J	5.7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	22036.04	98958.58	1.0 U	1.0 U	1.0 U	1.0 U	1.1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	0.73	3.53	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	260.68	1081.56	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	-	-	0.33 J	17	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	1027.32	4239.73	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	2.81	14.08	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	7.13	31.38	0.36 J	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	3.01	15.21	1.0 U	1.0 U	1.0 U	1.0 U	0.39 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	893.32	3828.52	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	-	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	391.69	1958.48	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	722.51	9031.38	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	4.00	20.01	1.0 UJ	1.0 UJ	1.0 U	1.0 U	4.9*	1.2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	8894.54	39135.98	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	12.99	64.95	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	19155.42	81042.17	0.49 J	0.18 J	0.16 J	0.14 J	0.38 J	0.41 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	377.69	1558.73	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	-	-	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	1.07	7.45	1.0 U	11[ref]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	184.08	781.71	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	1441.56	6045.25	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	0.14	2.46	2.5[ref]	7.9[ref]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	472.20	2077.68	2.0 U	2.0 U	2.0 U	2.0 U	0.75 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals													
Aluminum (dissolved)	-	-	-	200 U	-	-	-	-	-	-	-	-	200 U
Antimony (dissolved)	-	-	-	10 U	-	-	-	-	-	-	-	-	10 U
Arsenic (dissolved)	-	-	-	9.4 J	-	-	-	-	-	-	-	-	10 U
Barium (dissolved)	-	-	-	240	-	-	-	-	-	-	-	-	4.6 J
Beryllium (dissolved)	-	-	-	5.0 U	-	-	-	-	-	-	-	-	5.0 U
Cadmium (dissolved)	-	-	-	2.0 U	-	-	-	-	-	-	-	-	2.0 U
Calcium (dissolved)	-	-	-	130000	-	-	-	-	-	-	-	-	5000 U
Chromium (dissolved)	-	-	-	5.0 U	-	-	-	-	-	-	-	-	3.1 J
Cobalt (dissolved)	-	-	-	4.1 J	-	-	-	-	-	-	-	-	7.0 U
Copper (dissolved)	-	-	-	25 U	-	-	-	-	-	-	-	-	34
Iron (dissolved)	-	-	-	3100	-	-	-	-	-	-	-	-	330
Lead (dissolved)	-	-	-	3.0 U	-	-	-	-	-	-	-	-	7.4
Magnesium (dissolved)	-	-	-	57000	-	-	-	-	-	-	-	-	280 J
Manganese (dissolved)	-	-	-	480	-	-	-	-	-	-	-	-	10 J
Mercury (dissolved)	0.68	2.78	-	0.20 U	-	-	-	-	-	-	-	-	0.20 U
Nickel (dissolved)	-	-	-	9.1 J	-	-	-	-	-	-	-	-	40 U
Potassium (dissolved)	-	-	-	21000	-	-	-	-	-	-	-	-	370 J
Selenium (dissolved)	-	-	-	5.0 U	-	-	-	-	-	-	-	-	5.0 U
Silver (dissolved)	-	-	-	5.0 U	-	-	-	-	-	-	-	-	5.0 U
Sodium (dissolved)	-	-	-	86000	-	-	-	-	-	-	-	-	1100 J
Thallium (dissolved)	-	-	-	10 U	-	-	-	-	-	-	-	-	10 U
Vanadium (dissolved)	-	-	-	7.0 U	-	-	-	-	-	-	-	-	7.0 U
Zinc (dissolved)	-	-	-	50 U	-	-	-	-	-	-	-	-	38 J
PCBs													
Aroclor-1016 (PCB-1016)	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.14	0.70	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.14	0.70	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons													
Total Petroleum Hydrocarbons (C10-C20)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			Rinse Blank	Rinse Blank	Rinse Blank	Rinse Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Sample ID:			RB-38443-061113-GL-004	RB-38443-070213-SK-088	GW-38443-070813-JT-100	GW-38443-070913-JT-103	TRIP BLANK-061113-001	TRIP BLANK-061213-002	TRIPBLANK-061313-003	TRIP BLANK-061413-004	TB-38443-061913-SM	TB-38443-062113-SM	TB-38443-062513-SM	TB-38443-062613-SM
Sample Date:			6/11/2013	7/2/2013	7/8/2013	7/9/2013	6/11/2013	6/12/2013	6/13/2013	6/14/2013	6/19/2013	6/21/2013	6/25/2013	6/26/2013
Sample Depth:			-	-	-	-	-	-	-	-	-	-	-	-
Parameter	Protection of Residential IA	Protection of Industrial IA												
	c	d												
Volatile Organic Compounds														
1,1,1-Trichloroethane	7394.88	31286.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	2.80	14.00	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	4.45	22.66	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	6.53	33.51	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	196.80	824.71	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	36.17	151.58	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.03	0.33	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.15	0.75	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	2675.31	11210.83	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	1.95	9.74	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	2.08	10.41	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	2.23	11.16	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	2235405.38	9457484.31	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	8135.84	34118.05	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	549460.29	2304188.31	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	22363547.42	97840519.95	2.8 J	10 U	10 U	10 U	1.1 J	10 U	1.2 J	10 U	10 U	10 U	10 U	10 U
Benzene	1.37	7.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	0.76	3.81	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	17.33	73.31	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	1239.99	5265.69	0.30 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	0.36	1.77	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	408.98	1730.29	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	22036.04	98958.58	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	0.73	3.53	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	260.68	1081.56	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	1027.32	4239.73	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	2.81	14.08	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	7.13	31.38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	3.01	15.21	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	893.32	3828.52	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	-	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	391.69	1958.48	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	722.51	9031.38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	4.00	20.01	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	8894.54	39135.98	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	12.99	64.95	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	19155.42	81042.17	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	377.69	1558.73	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	1.07	7.45	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	184.08	781.71	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	1441.56	6045.25	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	0.14	2.46	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	472.20	2077.68	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals														
Aluminum (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury (dissolved)	0.68	2.78	-	-	-	-	-	-	-	-	-	-	-	-
Nickel (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs														
Aroclor-1016 (PCB-1016)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.14	0.70	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.14	0.70	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons														
Total Petroleum Hydrocarbons (C10-C20)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			***Trip Blank***	***Trip Blank***	***Trip Blank***	***Trip Blank***
Sample ID:			***TB-38443-062813-SM***	***TB-38443-070113-SK***	***TB-38443-070313-SK***	***TRIPBLANK-JT-001***
Sample Date:			***6/28/2013***	***7/1/2013***	***7/3/2013***	***7/9/2013***
Sample Depth:			-	-	-	-
Parameter	***Protection of Residential IA***	***Protection of Industrial IA***				
	c	***d***				
Volatile Organic Compounds						
1,1,1-Trichloroethane	7394.88	31286.05	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	2.80	14.00	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	4.45	22.86	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	6.53	33.51	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	196.80	824.71	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	36.17	151.58	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.03	0.33	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.15	0.75	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	2675.31	11210.83	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	1.95	9.74	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	2.08	10.41	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	-	-	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	2.23	11.16	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	2235405.38	9457484.31	10 U	10 U	10 U	10 U
2-Hexanone	8135.84	34118.05	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	549460.29	2304188.31	10 U	10 U	10 U	10 U
Acetone	22363547.42	97840519.95	10 U	2.3 J	1.4 J	10 U
Benzene	1.37	7.05	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	0.76	3.81	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	-	-	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	17.33	73.31	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	1239.99	5265.69	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	0.36	1.77	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	408.98	1730.29	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	22036.04	98958.58	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	0.73	3.53	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	260.68	1081.56	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	-	-	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	1027.32	4239.73	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	2.81	14.08	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	7.13	31.38	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	3.01	15.21	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	893.32	3828.52	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	-	-	10 U	10 U	10 U	10 U
Methyl cyclohexane	-	-	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	391.69	1958.48	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	722.51	9031.38	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	4.00	20.01	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	8894.54	39135.98	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	12.99	64.95	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	19155.42	81042.17	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	377.69	1558.73	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	-	-	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	1.07	7.45	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	184.08	781.71	1.0 U	1.0 U	1.0 U	1.0 U
TrifluorotrichloroethaneFreon 113)	1441.56	6045.25	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	0.14	2.46	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	472.20	2077.68	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals						
Aluminum (dissolved)	-	-	-	-	-	-
Antimony (dissolved)	-	-	-	-	-	-
Arsenic (dissolved)	-	-	-	-	-	-
Barium (dissolved)	-	-	-	-	-	-
Beryllium (dissolved)	-	-	-	-	-	-
Cadmium (dissolved)	-	-	-	-	-	-
Calcium (dissolved)	-	-	-	-	-	-
Chromium (dissolved)	-	-	-	-	-	-
Cobalt (dissolved)	-	-	-	-	-	-
Copper (dissolved)	-	-	-	-	-	-
Iron (dissolved)	-	-	-	-	-	-
Lead (dissolved)	-	-	-	-	-	-
Magnesium (dissolved)	-	-	-	-	-	-
Manganese (dissolved)	-	-	-	-	-	-
Mercury (dissolved)	0.68	2.78	-	-	-	-
Nickel (dissolved)	-	-	-	-	-	-
Potassium (dissolved)	-	-	-	-	-	-
Selenium (dissolved)	-	-	-	-	-	-
Silver (dissolved)	-	-	-	-	-	-
Sodium (dissolved)	-	-	-	-	-	-
Thallium (dissolved)	-	-	-	-	-	-
Vanadium (dissolved)	-	-	-	-	-	-
Zinc (dissolved)	-	-	-	-	-	-
PCBs						
Aroclor-1016 (PCB-1016)	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.14	0.70	-	-	-	-
Aroclor-1232 (PCB-1232)	0.14	0.70	-	-	-	-
Aroclor-1242 (PCB-1242)	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	-	-	-	-	-
Petroleum Hydrocarbons						
Total Petroleum Hydrocarbons (C10-C20)	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-	-	-	-	-

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:
Sample Depth:

Parameter	***Protection of Residential IA***	***Protection of Industrial IA***
	c	***d***
Volatile Organic Compounds		
1,1,1-Trichloroethane	7394.88	31286.05
1,1,2,2-Tetrachloroethane	2.80	14.00
1,1,2-Trichloroethane	4.45	22.86
1,1-Dichloroethane	6.53	33.51
1,1-Dichloroethene	196.80	824.71
1,2,4-Trichlorobenzene	36.17	151.58
1,2-Dibromo-3-chloropropane (DBCP)	0.03	0.33
1,2-Dibromoethane (Ethylene dibromide)	0.15	0.75
1,2-Dichlorobenzene	2675.31	11210.83
1,2-Dichloroethane	1.95	9.74
1,2-Dichloropropane	2.08	10.41
1,3-Dichlorobenzene	-	-
1,4-Dichlorobenzene	2.23	11.16
2-Butanone (Methyl ethyl ketone) (MEK)	2235405.38	9457484.31
2-Hexanone	8135.84	34118.05
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	549460.29	2304188.31
Acetone	22363547.42	97840519.95
Benzene	1.37	7.05
Bromodichloromethane	0.76	3.81
Bromoform	-	-
Bromomethane (Methyl bromide)	17.33	73.31
Carbon disulfide	1239.99	5265.69
Carbon tetrachloride	0.36	1.77
Chlorobenzene	408.98	1730.29
Chloroethane	22036.04	98958.58
Chloroform (Trichloromethane)	0.73	3.53
Chloromethane (Methyl chloride)	260.68	1081.56
cis-1,2-Dichloroethene	-	-
cis-1,3-Dichloropropene	-	-
Cyclohexane	1027.32	4239.73
Dibromochloromethane	2.81	14.08
Dichlorodifluoromethane (CFC-12)	7.13	31.38
Ethylbenzene	3.01	15.21
Isopropyl benzene	893.32	3828.52
Methyl acetate	-	-
Methyl cyclohexane	-	-
Methyl tert butyl ether (MTBE)	391.69	1958.48
Methylene chloride	722.51	9031.38
Naphthalene	4.00	20.01
Styrene	8894.54	39135.98
Tetrachloroethene	12.99	64.95
Toluene	19155.42	81042.17
trans-1,2-Dichloroethene	377.69	1558.73
trans-1,3-Dichloropropene	-	-
Trichloroethene	1.07	7.45
Trichlorofluoromethane (CFC-11)	184.08	781.71
TrifluorotrichloroEthane (Freon 113)	1441.56	6045.25
Vinyl chloride	0.14	2.46
Xylenes (total)	472.20	2077.68

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals		
Aluminum (dissolved)	-	-
Antimony (dissolved)	-	-
Arsenic (dissolved)	-	-
Barium (dissolved)	-	-
Beryllium (dissolved)	-	-
Cadmium (dissolved)	-	-
Calcium (dissolved)	-	-
Chromium (dissolved)	-	-
Cobalt (dissolved)	-	-
Copper (dissolved)	-	-
Iron (dissolved)	-	-
Lead (dissolved)	-	-
Magnesium (dissolved)	-	-
Manganese (dissolved)	-	-
Mercury (dissolved)	0.68	2.78
Nickel (dissolved)	-	-
Potassium (dissolved)	-	-
Selenium (dissolved)	-	-
Silver (dissolved)	-	-
Sodium (dissolved)	-	-
Thallium (dissolved)	-	-
Vanadium (dissolved)	-	-
Zinc (dissolved)	-	-
PCBs		
Aroclor-1016 (PCB-1016)	-	-
Aroclor-1221 (PCB-1221)	0.14	0.70
Aroclor-1232 (PCB-1232)	0.14	0.70
Aroclor-1242 (PCB-1242)	-	-
Aroclor-1248 (PCB-1248)	-	-
Aroclor-1254 (PCB-1254)	-	-
Aroclor-1260 (PCB-1260)	-	-
Petroleum Hydrocarbons		
Total Petroleum Hydrocarbons (C10-C20)	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:
Sample Depth:

Parameter	***Protection of Residential IA***	***Protection of Industrial IA***
	c	***d***
Volatile Organic Compounds		
1,1,1-Trichloroethane	7394.88	31286.05
1,1,2,2-Tetrachloroethane	2.80	14.00
1,1,2-Trichloroethane	4.45	22.86
1,1-Dichloroethane	6.53	33.51
1,1-Dichloroethene	196.80	824.71
1,2,4-Trichlorobenzene	36.17	151.58
1,2-Dibromo-3-chloropropane (DBCP)	0.03	0.33
1,2-Dibromoethane (Ethylene dibromide)	0.15	0.75
1,2-Dichlorobenzene	2675.31	11210.83
1,2-Dichloroethane	1.95	9.74
1,2-Dichloropropane	2.08	10.41
1,3-Dichlorobenzene	-	-
1,4-Dichlorobenzene	2.23	11.16
2-Butanone (Methyl ethyl ketone) (MEK)	2235405.38	9457484.31
2-Hexanone	8135.84	34118.05
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	549460.29	2304188.31
Acetone	22363547.42	97840519.95
Benzene	1.37	7.05
Bromodichloromethane	0.76	3.81
Bromoform	-	-
Bromomethane (Methyl bromide)	17.33	73.31
Carbon disulfide	1239.99	5265.69
Carbon tetrachloride	0.36	1.77
Chlorobenzene	408.98	1730.29
Chloroethane	22036.04	98958.58
Chloroform (Trichloromethane)	0.73	3.53
Chloromethane (Methyl chloride)	260.68	1081.56
cis-1,2-Dichloroethene	-	-
cis-1,3-Dichloropropene	-	-
Cyclohexane	1027.32	4239.73
Dibromochloromethane	2.81	14.08
Dichlorodifluoromethane (CFC-12)	7.13	31.38
Ethylbenzene	3.01	15.21
Isopropyl benzene	893.32	3828.52
Methyl acetate	-	-
Methyl cyclohexane	-	-
Methyl tert butyl ether (MTBE)	391.69	1958.48
Methylene chloride	722.51	9031.38
Naphthalene	4.00	20.01
Styrene	8894.54	39135.98
Tetrachloroethene	12.99	64.95
Toluene	19155.42	81042.17
trans-1,2-Dichloroethene	377.69	1558.73
trans-1,3-Dichloropropene	-	-
Trichloroethene	1.07	7.45
Trichlorofluoromethane (CFC-11)	184.08	781.71
TrifluorotrichloroEthane (Freon 113)	1441.56	6045.25
Vinyl chloride	0.14	2.46
Xylenes (total)	472.20	2077.68

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals		
Aluminum (dissolved)	-	-
Antimony (dissolved)	-	-
Arsenic (dissolved)	-	-
Barium (dissolved)	-	-
Beryllium (dissolved)	-	-
Cadmium (dissolved)	-	-
Calcium (dissolved)	-	-
Chromium (dissolved)	-	-
Cobalt (dissolved)	-	-
Copper (dissolved)	-	-
Iron (dissolved)	-	-
Lead (dissolved)	-	-
Magnesium (dissolved)	-	-
Manganese (dissolved)	-	-
Mercury (dissolved)	0.68	2.78
Nickel (dissolved)	-	-
Potassium (dissolved)	-	-
Selenium (dissolved)	-	-
Silver (dissolved)	-	-
Sodium (dissolved)	-	-
Thallium (dissolved)	-	-
Vanadium (dissolved)	-	-
Zinc (dissolved)	-	-
PCBs		
Aroclor-1016 (PCB-1016)	-	-
Aroclor-1221 (PCB-1221)	0.14	0.70
Aroclor-1232 (PCB-1232)	0.14	0.70
Aroclor-1242 (PCB-1242)	-	-
Aroclor-1248 (PCB-1248)	-	-
Aroclor-1254 (PCB-1254)	-	-
Aroclor-1260 (PCB-1260)	-	-
Petroleum Hydrocarbons		
Total Petroleum Hydrocarbons (C10-C20)	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:
Sample Depth:

Parameter	***Protection of Residential IA***	***Protection of Industrial IA***
	c	***d***
Volatile Organic Compounds		
1,1,1-Trichloroethane	7394.88	31286.05
1,1,2,2-Tetrachloroethane	2.80	14.00
1,1,2-Trichloroethane	4.45	22.86
1,1-Dichloroethane	6.53	33.51
1,1-Dichloroethene	196.80	824.71
1,2,4-Trichlorobenzene	36.17	151.58
1,2-Dibromo-3-chloropropane (DBCP)	0.03	0.33
1,2-Dibromoethane (Ethylene dibromide)	0.15	0.75
1,2-Dichlorobenzene	2675.31	11210.83
1,2-Dichloroethane	1.95	9.74
1,2-Dichloropropane	2.08	10.41
1,3-Dichlorobenzene	-	-
1,4-Dichlorobenzene	2.23	11.16
2-Butanone (Methyl ethyl ketone) (MEK)	2235405.38	9457484.31
2-Hexanone	8135.84	34118.05
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	549460.29	2304188.31
Acetone	22363547.42	97840519.95
Benzene	1.37	7.05
Bromodichloromethane	0.76	3.81
Bromoform	-	-
Bromomethane (Methyl bromide)	17.33	73.31
Carbon disulfide	1239.99	5265.69
Carbon tetrachloride	0.36	1.77
Chlorobenzene	408.98	1730.29
Chloroethane	22036.04	98958.58
Chloroform (Trichloromethane)	0.73	3.53
Chloromethane (Methyl chloride)	260.68	1081.56
cis-1,2-Dichloroethene	-	-
cis-1,3-Dichloropropene	-	-
Cyclohexane	1027.32	4239.73
Dibromochloromethane	2.81	14.08
Dichlorodifluoromethane (CFC-12)	7.13	31.38
Ethylbenzene	3.01	15.21
Isopropyl benzene	893.32	3828.52
Methyl acetate	-	-
Methyl cyclohexane	-	-
Methyl tert butyl ether (MTBE)	391.69	1958.48
Methylene chloride	722.51	9031.38
Naphthalene	4.00	20.01
Styrene	8894.54	39135.98
Tetrachloroethene	12.99	64.95
Toluene	19155.42	81042.17
trans-1,2-Dichloroethene	377.69	1558.73
trans-1,3-Dichloropropene	-	-
Trichloroethene	1.07	7.45
Trichlorofluoromethane (CFC-11)	184.08	781.71
TrifluorotrichloroEthane (Freon 113)	1441.56	6045.25
Vinyl chloride	0.14	2.46
Xylenes (total)	472.20	2077.68

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals		
Aluminum (dissolved)	-	-
Antimony (dissolved)	-	-
Arsenic (dissolved)	-	-
Barium (dissolved)	-	-
Beryllium (dissolved)	-	-
Cadmium (dissolved)	-	-
Calcium (dissolved)	-	-
Chromium (dissolved)	-	-
Cobalt (dissolved)	-	-
Copper (dissolved)	-	-
Iron (dissolved)	-	-
Lead (dissolved)	-	-
Magnesium (dissolved)	-	-
Manganese (dissolved)	-	-
Mercury (dissolved)	0.68	2.78
Nickel (dissolved)	-	-
Potassium (dissolved)	-	-
Selenium (dissolved)	-	-
Silver (dissolved)	-	-
Sodium (dissolved)	-	-
Thallium (dissolved)	-	-
Vanadium (dissolved)	-	-
Zinc (dissolved)	-	-
PCBs		
Aroclor-1016 (PCB-1016)	-	-
Aroclor-1221 (PCB-1221)	0.14	0.70
Aroclor-1232 (PCB-1232)	0.14	0.70
Aroclor-1242 (PCB-1242)	-	-
Aroclor-1248 (PCB-1248)	-	-
Aroclor-1254 (PCB-1254)	-	-
Aroclor-1260 (PCB-1260)	-	-
Petroleum Hydrocarbons		
Total Petroleum Hydrocarbons (C10-C20)	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:
Sample Depth:

Parameter	***Protection of Residential IA***	***Protection of Industrial IA***
	c	***d***
Volatile Organic Compounds		
1,1,1-Trichloroethane	7394.88	31286.05
1,1,2,2-Tetrachloroethane	2.80	14.00
1,1,2-Trichloroethane	4.45	22.86
1,1-Dichloroethane	6.53	33.51
1,1-Dichloroethene	196.80	824.71
1,2,4-Trichlorobenzene	36.17	151.58
1,2-Dibromo-3-chloropropane (DBCP)	0.03	0.33
1,2-Dibromoethane (Ethylene dibromide)	0.15	0.75
1,2-Dichlorobenzene	2675.31	11210.83
1,2-Dichloroethane	1.95	9.74
1,2-Dichloropropane	2.08	10.41
1,3-Dichlorobenzene	-	-
1,4-Dichlorobenzene	2.23	11.16
2-Butanone (Methyl ethyl ketone) (MEK)	2235405.38	9457484.31
2-Hexanone	8135.84	34118.05
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	549460.29	2304188.31
Acetone	22363547.42	97840519.95
Benzene	1.37	7.05
Bromodichloromethane	0.76	3.81
Bromoform	-	-
Bromomethane (Methyl bromide)	17.33	73.31
Carbon disulfide	1239.99	5265.69
Carbon tetrachloride	0.36	1.77
Chlorobenzene	408.98	1730.29
Chloroethane	22036.04	98958.58
Chloroform (Trichloromethane)	0.73	3.53
Chloromethane (Methyl chloride)	260.68	1081.56
cis-1,2-Dichloroethene	-	-
cis-1,3-Dichloropropene	-	-
Cyclohexane	1027.32	4239.73
Dibromochloromethane	2.81	14.08
Dichlorodifluoromethane (CFC-12)	7.13	31.38
Ethylbenzene	3.01	15.21
Isopropyl benzene	893.32	3828.52
Methyl acetate	-	-
Methyl cyclohexane	-	-
Methyl tert butyl ether (MTBE)	391.69	1958.48
Methylene chloride	722.51	9031.38
Naphthalene	4.00	20.01
Styrene	8894.54	39135.98
Tetrachloroethene	12.99	64.95
Toluene	19155.42	81042.17
trans-1,2-Dichloroethene	377.69	1558.73
trans-1,3-Dichloropropene	-	-
Trichloroethene	1.07	7.45
Trichlorofluoromethane (CFC-11)	184.08	781.71
TrifluorotrichloroEthane (Freon 113)	1441.56	6045.25
Vinyl chloride	0.14	2.46
Xylenes (total)	472.20	2077.68

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals		
Aluminum (dissolved)	-	-
Antimony (dissolved)	-	-
Arsenic (dissolved)	-	-
Barium (dissolved)	-	-
Beryllium (dissolved)	-	-
Cadmium (dissolved)	-	-
Calcium (dissolved)	-	-
Chromium (dissolved)	-	-
Cobalt (dissolved)	-	-
Copper (dissolved)	-	-
Iron (dissolved)	-	-
Lead (dissolved)	-	-
Magnesium (dissolved)	-	-
Manganese (dissolved)	-	-
Mercury (dissolved)	0.68	2.78
Nickel (dissolved)	-	-
Potassium (dissolved)	-	-
Selenium (dissolved)	-	-
Silver (dissolved)	-	-
Sodium (dissolved)	-	-
Thallium (dissolved)	-	-
Vanadium (dissolved)	-	-
Zinc (dissolved)	-	-
PCBs		
Aroclor-1016 (PCB-1016)	-	-
Aroclor-1221 (PCB-1221)	0.14	0.70
Aroclor-1232 (PCB-1232)	0.14	0.70
Aroclor-1242 (PCB-1242)	-	-
Aroclor-1248 (PCB-1248)	-	-
Aroclor-1254 (PCB-1254)	-	-
Aroclor-1260 (PCB-1260)	-	-
Petroleum Hydrocarbons		
Total Petroleum Hydrocarbons (C10-C20)	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:
Sample Depth:

Parameter	***Protection of Residential IA***	***Protection of Industrial IA***
	c	***d***
Volatile Organic Compounds		
1,1,1-Trichloroethane	7394.88	31286.05
1,1,2,2-Tetrachloroethane	2.80	14.00
1,1,2-Trichloroethane	4.45	22.86
1,1-Dichloroethane	6.53	33.51
1,1-Dichloroethene	196.80	824.71
1,2,4-Trichlorobenzene	36.17	151.58
1,2-Dibromo-3-chloropropane (DBCP)	0.03	0.33
1,2-Dibromoethane (Ethylene dibromide)	0.15	0.75
1,2-Dichlorobenzene	2675.31	11210.83
1,2-Dichloroethane	1.95	9.74
1,2-Dichloropropane	2.08	10.41
1,3-Dichlorobenzene	-	-
1,4-Dichlorobenzene	2.23	11.16
2-Butanone (Methyl ethyl ketone) (MEK)	2235405.38	9457484.31
2-Hexanone	8135.84	34118.05
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	549460.29	2304188.31
Acetone	22363547.42	97840519.95
Benzene	1.37	7.05
Bromodichloromethane	0.76	3.81
Bromoform	-	-
Bromomethane (Methyl bromide)	17.33	73.31
Carbon disulfide	1239.99	5265.69
Carbon tetrachloride	0.36	1.77
Chlorobenzene	408.98	1730.29
Chloroethane	22036.04	98958.58
Chloroform (Trichloromethane)	0.73	3.53
Chloromethane (Methyl chloride)	260.68	1081.56
cis-1,2-Dichloroethene	-	-
cis-1,3-Dichloropropene	-	-
Cyclohexane	1027.32	4239.73
Dibromochloromethane	2.81	14.08
Dichlorodifluoromethane (CFC-12)	7.13	31.38
Ethylbenzene	3.01	15.21
Isopropyl benzene	893.32	3828.52
Methyl acetate	-	-
Methyl cyclohexane	-	-
Methyl tert butyl ether (MTBE)	391.69	1958.48
Methylene chloride	722.51	9031.38
Naphthalene	4.00	20.01
Styrene	8894.54	39135.98
Tetrachloroethene	12.99	64.95
Toluene	19155.42	81042.17
trans-1,2-Dichloroethene	377.69	1558.73
trans-1,3-Dichloropropene	-	-
Trichloroethene	1.07	7.45
Trichlorofluoromethane (CFC-11)	184.08	781.71
TrifluorotrichloroEthane (Freon 113)	1441.56	6045.25
Vinyl chloride	0.14	2.46
Xylenes (total)	472.20	2077.68

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Metals		
Aluminum (dissolved)	-	-
Antimony (dissolved)	-	-
Arsenic (dissolved)	-	-
Barium (dissolved)	-	-
Beryllium (dissolved)	-	-
Cadmium (dissolved)	-	-
Calcium (dissolved)	-	-
Chromium (dissolved)	-	-
Cobalt (dissolved)	-	-
Copper (dissolved)	-	-
Iron (dissolved)	-	-
Lead (dissolved)	-	-
Magnesium (dissolved)	-	-
Manganese (dissolved)	-	-
Mercury (dissolved)	0.68	2.78
Nickel (dissolved)	-	-
Potassium (dissolved)	-	-
Selenium (dissolved)	-	-
Silver (dissolved)	-	-
Sodium (dissolved)	-	-
Thallium (dissolved)	-	-
Vanadium (dissolved)	-	-
Zinc (dissolved)	-	-
PCBs		
Aroclor-1016 (PCB-1016)	-	-
Aroclor-1221 (PCB-1221)	0.14	0.70
Aroclor-1232 (PCB-1232)	0.14	0.70
Aroclor-1242 (PCB-1242)	-	-
Aroclor-1248 (PCB-1248)	-	-
Aroclor-1254 (PCB-1254)	-	-
Aroclor-1260 (PCB-1260)	-	-
Petroleum Hydrocarbons		
Total Petroleum Hydrocarbons (C10-C20)	-	-
Total Petroleum Hydrocarbons (C20-C34)	-	-

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 2

SUMMARY OF OU1 PHASE 1A GROUNDWATER RESULTS COMPARED TO VI SCREENING CRITERIA
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Notes:

All concentrations are expressed in units of micrograms per litre (µg/L) unless otherwise noted.

[1] - United States Environmental Protection Agency Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites, May 2013

Groundwater concentrations protective of Indoor Air (IA) criteria were calculated from USEPA Residential and Industrial Indoor Air RSLs in accordance with the equation:

$C_{GW} = C_{IA}/(H \times \alpha \times 1000\ L/m^3)$,

where

C_{GW} = groundwater screening level (µg/L)

C_{IA} = target indoor air level (µg/m^3)

H = Henry's law constant (dimensionless)

α = groundwater attenuation factor (dimensionless)

where α = 0.001, in accordance with the medium-specific attenuation factor for residential buildings specified in the Draft OSWER Final Guidance for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Sources to Indoor Air (April 2013)

- - Not applicable.

J - The parameter was positively identified; however, the associated parameter concentration is estimated.

U - The parameter was not detected. The associated numerical value is the sample quantitation limit.

UJ - The parameter was not detected. The associated numerical value is the estimated sample quantitation limit.

- Concentration was greater than applicable criteria.

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			*BH30-13*	*BH31-13*	*BH31-13*	*BH31-13*	*BH32-13*	*BH33-13*	*BH33-13*	*BH34-13*
Sample ID:			*S-38443-070213-JT-087*	*S-38443-070113-JC-076*	*S-38443-070113-JC-077*	*S-38443-070113-JC-078*	*S-38443-070213-JC-079*	*S-38443-062613-JT-060*	*S-38443-062613-JT-061*	*S-38443-062713-JT-062*
Sample Date:			*7/2/2013*	*7/1/2013*	*7/1/2013*	*7/1/2013*	*7/2/2013*	*6/26/2013*	*6/26/2013*	*6/27/2013*
Sample Depth:	*USEPA Regional Screening Levels [1]*		*29.5-31.5 ft BGS*	*18-20 ft BGS*	*18-20 ft BGS*	*26.5-28.5 ft BGS*	*26.5-28.5 ft BGS*	*22-25 ft BGS*	*22-25 ft BGS*	*4-6 ft BGS*
					Duplicate				*Duplicate*	
Parameter	*Residential Soil*	*Industrial Soil*								
	a	*b*								
Volatile Organic Compounds										
1,1,1-Trichloroethane	8700000	38000000	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
1,1,2,2-Tetrachloroethane	560	2800	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
1,1,2-Trichloroethane	1100	5300	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
1,1-Dichloroethane	3300	17000	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
1,1-Dichloroethene	240000	1100000	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
1,2,4-Trichlorobenzene	22000	99000	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
1,2-Dibromo-3-chloropropane (DBCP)	5.4	69	9.0 U	520 U	510 U	11 U	11 U	9600 UJ	8400 U	10 U
1,2-Dibromoethane (Ethylene dibromide)	34	170	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
1,2-Dichlorobenzene	1900000	9800000	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
1,2-Dichloroethane	430	2200	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
1,2-Dichloropropane	940	4700	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
1,3-Dichlorobenzene	-	-	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
1,4-Dichlorobenzene	2400	12000	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	28000000	200000000	18 U	49 J	60 J	3.0 J	7.3 J	19000 U	17000 U	15 J
2-Hexanone	210000	1400000	18 U	1000 U	1000 U	22 U	21 U	19000 U	17000 U	20 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5300000	53000000	18 U	1000 U	1000 U	22 U	21 U	19000 U	17000 U	0.94 J
Acetone	61000000	630000000	18 U	1000 U	1000 U	22 U	25 U	28000	17000 U	83 U
Benzene	1100	5400	0.45 J	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
Bromodichloromethane	270	1400	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
Bromoform	62000	220000	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
Bromomethane (Methyl bromide)	7300	32000	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 UJ	5.0 U
Carbon disulfide	820000	3700000	4.5 U	17 J	22 J	5.5 U	5.4 U	4800 U	4200 U	5.0 U
Carbon tetrachloride	610	3000	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
Chlorobenzene	290000	1400000	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
Chloroethane	15000000	61000000	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 UJ	5.0 U
Chloroform (Trichloromethane)	290	1500	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
Chloromethane (Methyl chloride)	120000	500000	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
cis-1,2-Dichloroethene	160000	2000000	4.5 U	260 U	250 U	5.5 U	5.4 U	98000	1000 J	1.2 J
cis-1,3-Dichloropropene	-	-	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
Cyclohexane	7000000	29000000	0.46 J	520 U	510 U	11 U	11 U	9600 U	8400 U	1.8 J
Dibromochloromethane	680	3300	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
Dichlorodifluoromethane (CFC-12)	94000	400000	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
Ethylbenzene	5400	27000	0.71 J	13 J	18 J	5.5 U	5.4 U	62000[ab]	25000[a]	6.9
Isopropyl benzene	2100000	11000000	4.5 U	51 J	73 J	5.5 U	5.4 U	6400	4300	7.3
Methyl acetate	78000000	1000000000	9.0 U	170 J	210 J	1.6 J	11 U	9600 U	8400 U	10 U
Methyl cyclohexane	-	-	0.87 J	520 U	16 J	11 U	11 U	1600 J	810 J	18
Methyl tert butyl ether (MTBE)	43000	220000	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
Methylene chloride	56000	960000	4.5 U	260 U	250 U	0.96 J	5.4 U	8800 U	4900 U	5.0 UJ
Styrene	6300000	36000000	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
Tetrachloroethene	22000	110000	0.50 J	43 J	37 J	5.5 U	5.4 U	4800 U	4200 U	5.0 U
Toluene	5000000	45000000	1.6 J	260 U	250 U	0.52 J	0.51 J	87000 J	8400 J	3.3 J
trans-1,2-Dichloroethene	150000	690000	4.5 U	260 U	250 U	5.5 U	5.4 U	270 J	4200 U	5.0 U
trans-1,3-Dichloropropene	-	-	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
Trichloroethene	910	6400	4.7 J	260 U	250 U	5.5 U	5.4 U	5300 J[a]	4200 U	5.0 U
Trichlorofluoromethane (CFC-11)	790000	3400000	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 U
Trifluorotrichloroethane (Freon 113)	43000000	180000000	4.5 U	260 U	250 U	5.5 U	5.4 U	4800 U	4200 U	5.0 UJ
Vinyl chloride	60	1700	4.5 U	260 U	250 U	5.5 U	5.4 U	380 J[a]	4200 U	5.0 U

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Xylenes (total)	630000	2700000	Xylenes (total)	630000	2700000	9.0 U	520 U	83 J	11 U	11 U
PCBs			***PCBs***							
Aroclor-1016 (PCB-1016)	3900	21000	Aroclor-1016 (PCB-1016)	3900	21000	-	-	-	-	-
Aroclor-1221 (PCB-1221)	140	540	Aroclor-1221 (PCB-1221)	140	540	-	-	-	-	-
Aroclor-1232 (PCB-1232)	140	540	Aroclor-1232 (PCB-1232)	140	540	-	-	-	-	-
Aroclor-1242 (PCB-1242)	220	740	Aroclor-1242 (PCB-1242)	220	740	-	-	-	-	-
Aroclor-1248 (PCB-1248)	220	740	Aroclor-1248 (PCB-1248)	220	740	-	-	-	-	-
Aroclor-1254 (PCB-1254)	220	740	Aroclor-1254 (PCB-1254)	220	740	-	-	-	-	-
Aroclor-1260 (PCB-1260)	220	740	Aroclor-1260 (PCB-1260)	220	740	-	-	-	-	-

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			*BH33-13*	*BH33-13*	*BH34-13*	*BH34-13*	*BH35-13*	*BH36-13*	*BH36-13*	*BH37-13*	*BH38-13*
Sample ID:			*S-38443-062613-JT-060*	*S-38443-062613-JT-061*	*S-38443-062713-JT-062*	*S-38443-062713-JT-063*	*S-38443-062813-JT-068*	*S-38443-070113-JT-082*	*S-38443-070113-JT-083*	*S-38443-070213-JT-086*	*S-38443-062713-JT-064*
Sample Date:			*6/26/2013*	*6/26/2013*	*6/27/2013*	*6/27/2013*	*6/28/2013*	*7/1/2013*	*7/1/2013*	*7/2/2013*	*6/27/2013*
Sample Depth:	*USEPA Regional Screening Levels [1]*		*22-25 ft BGS*	*22-25 ft BGS*	*4-6 ft BGS*	*24.5-26.5 ft BGS*	*24.5-26.5 ft BGS*	*0-2 ft BGS*	*30-32 ft BGS*	*25-27 ft BGS*	*2-4 ft BGS*
				Duplicate							
Parameter	*Residential Soil*	*Industrial Soil*									
	a	*b*									
Volatile Organic Compounds											
1,1,1-Trichloroethane	8700000	38000000	4800 U	4200 U	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	570 U
1,1,2,2-Tetrachloroethane	560	2800	4800 U	4200 U	5.0 U	4.3 U	R	4.9 U	4.5 U	4.3 U	570 U
1,1,2-Trichloroethane	1100	5300	4800 U	4200 U	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	570 U
1,1-Dichloroethane	3300	17000	4800 U	4200 U	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	280 J
1,1-Dichloroethene	240000	1100000	4800 U	4200 U	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	49 J
1,2,4-Trichlorobenzene	22000	99000	4800 U	4200 U	5.0 U	4.3 U	R	4.9 U	4.5 U	4.3 U	570 U
1,2-Dibromo-3-chloropropane (DBCP)	5.4	69	9600 UJ	8400 U	10 U	8.6 U	R	9.8 U	9.1 UJ	8.7 U	1100 U
1,2-Dibromoethane (Ethylene dibromide)	34	170	4800 U	4200 U	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	570 U
1,2-Dichlorobenzene	1900000	9800000	4800 U	4200 U	5.0 U	4.3 U	R	4.9 U	4.5 U	4.3 U	570 U
1,2-Dichloroethane	430	2200	4800 U	4200 U	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	570 U
1,2-Dichloropropane	940	4700	4800 U	4200 U	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	570 U
1,3-Dichlorobenzene	-	-	4800 U	4200 U	5.0 U	4.3 U	R	4.9 U	4.5 U	4.3 U	570 U
1,4-Dichlorobenzene	2400	12000	4800 U	4200 U	5.0 U	4.3 U	R	4.9 U	4.5 U	4.3 U	570 U
2-Butanone (Methyl ethyl ketone) (MEK)	28000000	200000000	19000 U	17000 U	15 J	1.8 J	17 J	5.1 J	1.3 J	17 U	2300 U
2-Hexanone	210000	1400000	19000 U	17000 U	20 U	17 U	36 UJ	20 U	18 U	17 U	2300 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5300000	53000000	19000 U	17000 U	0.94 J	17 U	36 UJ	0.90 J	18 U	17 U	2300 U
Acetone	61000000	630000000	28000	17000 U	83 U	17 U	81 UJ	20 U	18 U	17 U	2300 U
Benzene	1100	5400	4800 U	4200 U	5.0 U	4.3 U	12 J	4.9 U	0.71 J	1.7 J	510 J
Bromodichloromethane	270	1400	4800 U	4200 U	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	570 U
Bromoform	62000	220000	4800 U	4200 U	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	570 U
Bromomethane (Methyl bromide)	7300	32000	4800 U	4200 UJ	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	570 U
Carbon disulfide	820000	3700000	4800 U	4200 U	5.0 U	0.48 J	2.7 J	0.63 J	4.5 U	4.3 U	570 U
Carbon tetrachloride	610	3000	4800 U	4200 U	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	570 U
Chlorobenzene	290000	1400000	4800 U	4200 U	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	23 J
Chloroethane	15000000	61000000	4800 U	4200 UJ	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	570 U
Chloroform (Trichloromethane)	290	1500	4800 U	4200 U	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	570 U
Chloromethane (Methyl chloride)	120000	500000	4800 U	4200 U	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	570 U
cis-1,2-Dichloroethene	160000	2000000	98000	1000 J	1.2 J	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	1000
cis-1,3-Dichloropropene	-	-	4800 U	4200 U	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	570 U
Cyclohexane	7000000	29000000	9600 U	8400 U	1.8 J	8.6 U	18 UJ	9.8 U	1.4 J	2.4 J	600 J
Dibromochloromethane	680	3300	4800 U	4200 U	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	570 U
Dichlorodifluoromethane (CFC-12)	94000	400000	4800 U	4200 U	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	570 U
Ethylbenzene	5400	27000	62000[ab]	25000[a]	6.9	4.3 U	8.9 UJ	4.9 U	1.4 J	2.5 J	15000[a]
Isopropyl benzene	2100000	11000000	6400	4300	7.3	4.3 U	8.9 UJ	4.9 U	4.5 U	0.55 J	280 J
Methyl acetate	78000000	1000000000	9600 U	8400 U	10 U	8.6 U	18 UJ	9.8 U	9.1 U	8.7 U	240 J
Methyl cyclohexane	-	-	1600 J	810 J	18	1.3 J	18 UJ	9.8 U	2.5 J	3.2 J	1100
Methyl tert butyl ether (MTBE)	43000	220000	4800 U	4200 U	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	570 U
Methylene chloride	56000	960000	8800 U	4900 U	5.0 UJ	6.8 UJ	21 UJ	4.9 U	5.8 UJ	4.3 U	740 UJ
Styrene	6300000	36000000	4800 U	4200 U	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	570 U
Tetrachloroethene	22000	110000	4800 U	4200 U	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	570 U
Toluene	5000000	45000000	87000 J	8400 J	3.3 J	0.43 J	2.2 J	0.38 J	2.6 J	2.5 J	670
trans-1,2-Dichloroethene	150000	690000	270 J	4200 U	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	140 J
trans-1,3-Dichloropropene	-	-	4800 U	4200 U	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	570 U
Trichloroethene	910	6400	5300 J[a]	4200 U	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	1600 J[a]
Trichlorofluoromethane (CFC-11)	790000	3400000	4800 U	4200 U	5.0 U	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	570 U
Trifluorotrichloroethane (Freon 113)	43000000	180000000	4800 U	4200 U	5.0 UJ	4.3 U	8.9 UJ	4.9 U	4.5 U	4.3 U	570 U
Vinyl chloride	60	1700	380 J[a]	4200 U	5.0 U	4.3 U	2.1 J	4.9 U	4.5 U	4.3 U	200 J[a]

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Xylenes (total)	630000	2700000	280000 J	54000 J	27	8.6 U	18 UJ	9.8 U	2.7 J	4.6 J	14000
PCBs											
Aroclor-1016 (PCB-1016)	3900	21000	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	140	540	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	140	540	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	220	740	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	220	740	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	220	740	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	220	740	-	-	-	-	-	-	-	-	-

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			*BH38-13*	*BH39-13*	*BH40-13*	*BH40-13*	*BH42-13*	*BH42-13*	*BH42-13*	*BH43-13*
Sample ID:			*S-38443-062713-JT-065*	*S-38443-070113-JC-075*	*S-38443-062813-JT-066*	*S-38443-062813-JT-067*	*S-38443-070113-JT-069*	*S-38443-070113-JT-080*	*S-38443-070113-JT-081*	*S-38443-070113-JC-074*
Sample Date:			*6/27/2013*	*7/1/2013*	*6/28/2013*	*6/28/2013*	*7/1/2013*	*7/1/2013*	*7/1/2013*	*7/1/2013*
Sample Depth:	*USEPA Regional Screening Levels [1]*		*25.5-27.5 ft BGS*	*28-30 ft BGS*	*18-20 ft BGS*	*18-20 ft BGS*	*2-4 ft BGS*	*2-4 ft BGS*	*20-22 ft BGS*	*26.8-28.7 ft BGS*
						Duplicate		*Duplicate*		
Parameter	*Residential Soil*	*Industrial Soil*								
	a	*b*								
Volatile Organic Compounds										
1,1,1-Trichloroethane	8700000	38000000	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	260 U	4.3 U
1,1,2,2-Tetrachloroethane	560	2800	3.9 U	5.4 U	8.3 UJ	580 U	3100 U	3000 U	260 U	4.3 U
1,1,2-Trichloroethane	1100	5300	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	260 U	4.3 U
1,1-Dichloroethane	3300	17000	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	71 J	4.3 U
1,1-Dichloroethene	240000	1100000	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	260 U	4.3 U
1,2,4-Trichlorobenzene	22000	99000	3.9 U	5.4 U	8.3 UJ	580 U	3100 U	3000 U	260 U	4.3 U
1,2-Dibromo-3-chloropropane (DBCP)	5.4	69	7.8 U	11 U	17 UJ	1200 U	6300 U	6100 U	520 U	8.6 U
1,2-Dibromoethane (Ethylene dibromide)	34	170	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	260 U	4.3 U
1,2-Dichlorobenzene	1900000	9800000	3.9 U	5.4 U	8.3 UJ	580 U	3100 U	3000 U	260 U	4.3 U
1,2-Dichloroethane	430	2200	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	260 U	4.3 U
1,2-Dichloropropane	940	4700	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	260 U	4.3 U
1,3-Dichlorobenzene	-	-	3.9 U	5.4 U	8.3 UJ	580 U	3100 U	3000 U	260 U	4.3 U
1,4-Dichlorobenzene	2400	12000	3.9 U	5.4 U	8.3 UJ	580 U	3100 U	3000 U	260 U	4.3 U
2-Butanone (Methyl ethyl ketone) (MEK)	28000000	200000000	2.2 J	2.8 J	23 J	120 J	13000 U	12000 U	100 J	17 U
2-Hexanone	210000	1400000	16 U	22 U	33 U	2300 U	13000 U	12000 U	1000 U	17 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5300000	53000000	16 U	0.73 J	33 U	2300 U	900 J	12000 U	1000 U	17 U
Acetone	61000000	630000000	20 U	22 U	110 U	2300 U	13000 U	12000 U	1000 U	17 U
Benzene	1100	5400	3.9 U	5.4 U	6.9 J	310 J	350 J	150 J	47 J	0.20 J
Bromodichloromethane	270	1400	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	260 U	4.3 U
Bromoform	62000	220000	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	260 U	4.3 U
Bromomethane (Methyl bromide)	7300	32000	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	260 U	4.3 U
Carbon disulfide	820000	3700000	3.9 U	5.4 U	1.0 J	580 U	3100 U	3000 U	97 J	4.3 U
Carbon tetrachloride	610	3000	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	260 U	4.3 U
Chlorobenzene	290000	1400000	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	260 U	4.3 U
Chloroethane	15000000	61000000	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	91 J	4.3 U
Chloroform (Trichloromethane)	290	1500	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	260 U	4.3 U
Chloromethane (Methyl chloride)	120000	500000	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	260 U	4.3 U
cis-1,2-Dichloroethene	160000	2000000	3.9 U	0.51 J	8.3 U	580 U	4000	1800 J	180 J	1.5 J
cis-1,3-Dichloropropene	-	-	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	260 U	4.3 U
Cyclohexane	7000000	29000000	7.8 U	11 U	17 U	1200 U	6300 U	6100 U	520 U	8.6 U
Dibromochloromethane	680	3300	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	260 U	4.3 U
Dichlorodifluoromethane (CFC-12)	94000	400000	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	260 U	4.3 U
Ethylbenzene	5400	27000	3.9 U	5.4 U	8.3 U	98 J	12000*	4300	470	4.3 U
Isopropyl benzene	2100000	11000000	3.9 U	5.4 U	8.3 U	100 J	2800 J	1100 J	180 J	4.3 U
Methyl acetate	78000000	1000000000	7.8 U	11 U	17 U	380 J	690 J	380 J	98 J	8.6 U
Methyl cyclohexane	-	-	7.8 U	11 U	1.2 J	44 J	3800 J	930 J	310 J	8.6 U
Methyl tert butyl ether (MTBE)	43000	220000	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	260 U	4.3 U
Methylene chloride	56000	960000	5.7 UJ	3.1 J	17 UJ	580 U	3100 U	3000 U	260 U	1.4 J
Styrene	6300000	36000000	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	260 U	4.3 U
Tetrachloroethene	22000	110000	3.9 U	5.4 U	8.3 U	580 U	320 J	3000 U	13 J	4.3 U
Toluene	5000000	45000000	1.7 J	0.31 J	2.6 J	270 J	12000	1800 J	490	0.58 J
trans-1,2-Dichloroethene	150000	690000	3.9 U	5.4 U	8.3 U	580 U	290 J	130 J	260 U	4.3 U
trans-1,3-Dichloropropene	-	-	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	260 U	4.3 U
Trichloroethene	910	6400	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	260 U	4.3 U
Trichlorofluoromethane (CFC-11)	790000	3400000	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	260 U	4.3 U
Trifluorotrichloroethane (Freon 113)	43000000	180000000	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	260 U	4.3 U
Vinyl chloride	60	1700	3.9 U	5.4 U	8.3 U	580 U	3100 U	3000 U	21 J	4.3 U

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Xylenes (total)	630000	2700000	7.8 U	11 U	17 U	380 J	27000	10000	950	8.6 U
PCBs										
Aroclor-1016 (PCB-1016)	3900	21000	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	140	540	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	140	540	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	220	740	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	220	740	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	220	740	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	220	740	-	-	-	-	-	-	-	-

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			*BH44-13*	*BH44-13*	*BH44-13*	*BH44-13*	*BH51-13*	*BH51-13*	*BH52-13*	*BH52-13*
Sample ID:			*S-38443-070113-JT-084*	*S-38443-070113-JT-085*	*S-38443-070213-JT-084*	*S-38443-070213-JT-085*	*S-38443-062113-JT-027*	*S-38443-062113-JT-028*	*S-38443-061913-JC-014*	*S-38443-061913-JC-015*
Sample Date:			*7/1/2013*	*7/1/2013*	*7/2/2013*	*7/2/2013*	*6/21/2013*	*6/21/2013*	*6/19/2013*	*6/19/2013*
Sample Depth:	*USEPA Regional Screening Levels [1]*		*2-4 ft BGS*	*35.5-37.5 ft BGS*	*2-4 ft BGS*	*35.5-37.5 ft BGS*	*0-2 ft BGS*	*19.3-21.3 ft BGS*	*21.8-23.8 ft BGS*	*21.8-23.8 ft BGS*
										Duplicate
Parameter	*Residential Soil*	*Industrial Soil*								
	a	*b*								
Volatile Organic Compounds										
1,1,1-Trichloroethane	8700000	38000000	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
1,1,2,2-Tetrachloroethane	560	2800	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
1,1,2-Trichloroethane	1100	5300	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
1,1-Dichloroethane	3300	17000	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
1,1-Dichloroethene	240000	1100000	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
1,2,4-Trichlorobenzene	22000	98000	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
1,2-Dibromo-3-chloropropane (DBCP)	5.4	69	450 U	1100 U	-	-	700 U	11 U	R	9.1 U
1,2-Dibromoethane (Ethylene dibromide)	34	170	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
1,2-Dichlorobenzene	1900000	9800000	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
1,2-Dichloroethane	430	2200	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
1,2-Dichloropropane	940	4700	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
1,3-Dichlorobenzene	-	-	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
1,4-Dichlorobenzene	2400	12000	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
2-Butanone (Methyl ethyl ketone) (MEK)	28000000	200000000	910 U	2200 U	-	-	1400 U	22 U	R	18 U
2-Hexanone	210000	1400000	910 U	2200 U	-	-	1400 U	22 U	R	18 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5300000	53000000	910 U	2200 U	-	-	1400 U	22 U	R	18 U
Acetone	61000000	630000000	910 U	2200 U	-	-	1400 U	22 U	25 UJ	18 U
Benzene	1100	5400	13 J	550 U	-	-	350 U	5.5 U	R	4.5 U
Bromodichloromethane	270	1400	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
Bromoform	62000	220000	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
Bromomethane (Methyl bromide)	7300	32000	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
Carbon disulfide	820000	3700000	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
Carbon tetrachloride	610	3000	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
Chlorobenzene	290000	1400000	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
Chloroethane	15000000	61000000	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
Chloroform (Trichloromethane)	290	1500	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
Chloromethane (Methyl chloride)	120000	500000	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
cis-1,2-Dichloroethene	160000	2000000	230 U	410 J	-	-	350 U	5.5 U	R	4.5 U
cis-1,3-Dichloropropene	-	-	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
Cyclohexane	7000000	29000000	450 U	1100 U	-	-	700 U	11 U	R	9.1 U
Dibromochloromethane	680	3300	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
Dichlorodifluoromethane (CFC-12)	94000	400000	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
Ethylbenzene	5400	27000	8.6 J	67 J	-	-	350 U	5.5 U	R	4.5 U
Isopropyl benzene	2100000	11000000	230 U	450 J	-	-	350 U	5.5 U	R	4.5 U
Methyl acetate	78000000	1000000000	65 J	58 J	-	-	700 U	11 U	R	9.1 U
Methyl cyclohexane	-	-	32 J	1300	-	-	75 J	0.39 J	R	9.1 U
Methyl tert butyl ether (MTBE)	43000	220000	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
Methylene chloride	56000	960000	230 U	550 U	-	-	350 U	5.5 UJ	20 UJ	7.9 U
Styrene	6300000	36000000	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
Tetrachloroethene	22000	110000	230 U	550 U	-	-	20 J	5.5 U	R	4.5 U
Toluene	5000000	45000000	39 J	86 J	-	-	40 J	0.97 J	R	0.42 J
trans-1,2-Dichloroethene	150000	690000	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
trans-1,3-Dichloropropene	-	-	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
Trichloroethene	910	6400	230 U	550 U	-	-	4300[a]	1.6 J	R	0.52 J
Trichlorofluoromethane (CFC-11)	790000	3400000	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
Trifluorotrichloroethane (Freon 113)	43000000	180000000	230 U	550 U	-	-	350 U	5.5 U	R	4.5 U
Vinyl chloride	60	1700	230 U	220 J[a]	-	-	350 U	5.5 U	R	4.5 U

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Xylenes (total)	630000	2700000	450 U	1100 U	-	-	140 J	11 U	R	9.1 U
PCBs										
Aroclor-1016 (PCB-1016)	3900	21000	-	-	35 U	36 U	-	-	-	-
Aroclor-1221 (PCB-1221)	140	540	-	-	35 U	36 U	-	-	-	-
Aroclor-1232 (PCB-1232)	140	540	-	-	35 U	36 U	-	-	-	-
Aroclor-1242 (PCB-1242)	220	740	-	-	53	36 U	-	-	-	-
Aroclor-1248 (PCB-1248)	220	740	-	-	35 U	36 U	-	-	-	-
Aroclor-1254 (PCB-1254)	220	740	-	-	35 U	36 U	-	-	-	-
Aroclor-1260 (PCB-1260)	220	740	-	-	58 J	36 U	-	-	-	-

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			***BH53-13***	***BH53-13***	***BH54-13***	***BH54-13***	***BH55-13***	***BH55-13***	***BH56-13***	***BH57-13***
Sample ID:			***S-38443-061813-JT-001***	***S-38443-061813-JT-002***	***S-38443-061813-JT-003***	***S-38443-061813-JT-004***	***S-38443-061813-JC-011***	***S-38443-061813-JC-012***	***S-38443-061813-JC-013***	***S-38443-061813-JT-005***
Sample Date:			***6/18/2013***	***6/18/2013***	***6/18/2013***	***6/18/2013***	***6/18/2013***	***6/18/2013***	***6/18/2013***	***6/18/2013***
Sample Depth:	***USEPA Regional Screening Levels [1]***		***0-2 ft BGS***	***19-21 ft BGS***	***4-6 ft BGS***	***18.5-20.5 ft BGS***	***2-4 ft BGS***	***22.5-24.5 ft BGS***	***21-23 ft BGS***	***21-23 ft BGS***
Parameter	***Residential Soil***	***Industrial Soil***								
	a	***b***								
Volatile Organic Compounds										
1,1,1-Trichloroethane	8700000	38000000	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
1,1,2,2-Tetrachloroethane	560	2800	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
1,1,2-Trichloroethane	1100	5300	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
1,1-Dichloroethane	3300	17000	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
1,1-Dichloroethene	240000	1100000	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
1,2,4-Trichlorobenzene	22000	99000	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
1,2-Dibromo-3-chloropropane (DBCP)	5.4	69	9.0 U	8.6 U	11 UJ	11 U	R	9.7 U	9.1 U	10 U
1,2-Dibromoethane (Ethylene dibromide)	34	170	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
1,2-Dichlorobenzene	1900000	9800000	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
1,2-Dichloroethane	430	2200	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
1,2-Dichloropropane	940	4700	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
1,3-Dichlorobenzene	-	-	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
1,4-Dichlorobenzene	2400	12000	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
2-Butanone (Methyl ethyl ketone) (MEK)	28000000	200000000	18 U	17 U	22 UJ	21 U	R	19 U	18 U	21 U
2-Hexanone	210000	1400000	18 U	17 U	22 UJ	21 U	R	19 U	18 U	21 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5300000	53000000	18 U	17 U	22 UJ	21 U	R	19 U	18 U	21 U
Acetone	61000000	630000000	18 U	17 U	22 UJ	21 U	130000 UJ	19 U	18 U	21 U
Benzene	1100	5400	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
Bromodichloromethane	270	1400	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
Bromoform	62000	220000	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
Bromomethane (Methyl bromide)	7300	32000	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
Carbon disulfide	820000	3700000	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
Carbon tetrachloride	610	3000	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
Chlorobenzene	290000	1400000	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
Chloroethane	15000000	61000000	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
Chloroform (Trichloromethane)	290	1500	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
Chloromethane (Methyl chloride)	120000	500000	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
cis-1,2-Dichloroethene	160000	2000000	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
cis-1,3-Dichloropropene	-	-	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
Cyclohexane	7000000	29000000	9.0 U	8.6 U	11 UJ	11 U	R	9.7 U	9.1 U	10 U
Dibromochloromethane	680	3300	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
Dichlorodifluoromethane (CFC-12)	94000	400000	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
Ethylbenzene	5400	27000	4.5 U	4.3 U	5.6 UJ	5.4 U	260000 J[ab]	4.8 U	4.5 U	5.2 U
Isopropyl benzene	2100000	11000000	4.5 U	4.3 U	5.6 UJ	5.4 U	57000 J	4.8 U	4.5 U	5.2 U
Methyl acetate	78000000	1000000000	9.0 U	8.6 U	11 UJ	11 U	R	9.7 U	9.1 U	10 U
Methyl cyclohexane	-	-	9.0 U	8.6 U	11 UJ	11 U	R	9.7 U	9.1 U	10 U
Methyl tert butyl ether (MTBE)	43000	220000	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
Methylene chloride	56000	960000	6.4 U	6.5 U	9.0 UJ	8.6 U	33000 UJ	9.6 U	6.9 U	9.3 U
Styrene	6300000	36000000	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
Tetrachloroethene	22000	110000	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
Toluene	5000000	45000000	4.5 U	4.3 U	5.6 UJ	5.4 U	95000 J	4.8 U	4.5 U	5.2 U
trans-1,2-Dichloroethene	150000	690000	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
trans-1,3-Dichloropropene	-	-	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
Trichloroethene	910	6400	1.5 J	10	8.4 J	5.4 U	R	4.8 U	4.5 U	5.2 U
Trichlorofluoromethane (CFC-11)	790000	3400000	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
Trifluorotrichloroethane (Freon 113)	43000000	180000000	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U
Vinyl chloride	60	1700	4.5 U	4.3 U	5.6 UJ	5.4 U	R	4.8 U	4.5 U	5.2 U

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Xylenes (total)	630000	2700000	9.0 U	8.6 U	11 UJ	11 U	2000000 J[a]	9.7 U	9.1 U	10 U
PCBs										
Aroclor-1016 (PCB-1016)	3900	21000	-	-	-	-	-	-	-	34 U
Aroclor-1221 (PCB-1221)	140	540	-	-	-	-	-	-	-	34 U
Aroclor-1232 (PCB-1232)	140	540	-	-	-	-	-	-	-	34 U
Aroclor-1242 (PCB-1242)	220	740	-	-	-	-	-	-	-	34 U
Aroclor-1248 (PCB-1248)	220	740	-	-	-	-	-	-	-	34 U
Aroclor-1254 (PCB-1254)	220	740	-	-	-	-	-	-	-	34 U
Aroclor-1260 (PCB-1260)	220	740	-	-	-	-	-	-	-	34 U

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			*BH58-13*	*BH58-13*	*BH59-13*	*BH59-13*	*BH60-13*	*BH61-13*	*BH62-13*	*BH63-13*
Sample ID:			*S-38443-061913-JT-009*	*S-38443-061913-JT-010*	*S-38443-061913-JT-006*	*S-38443-061913-JT-007*	*S-38443-061913-JT-021*	*S-38443-061913-JC-019*	*S-38443-061913-JT-008*	*S-38443-062013-JC-020*
Sample Date:			*6/19/2013*	*6/19/2013*	*6/19/2013*	*6/19/2013*	*6/19/2013*	*6/19/2013*	*6/19/2013*	*6/20/2013*
Sample Depth:	*USEPA Regional Screening Levels [1]*		*21.5-23.5 ft BGS*	*21.5-23.5 ft BGS*	*2-4 ft BGS*	*20.5-22.5 ft BGS*	*20-22 ft BGS*	*21.2-23.2 ft BGS*	*21.5-23.5 ft BGS*	*23-25 ft BGS*
				Duplicate						
Parameter	*Residential Soil*	*Industrial Soil*								
	a	*b*								
Volatile Organic Compounds										
1,1,1-Trichloroethane	8700000	38000000	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
1,1,2,2-Tetrachloroethane	560	2800	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
1,1,2-Trichloroethane	1100	5300	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
1,1-Dichloroethane	3300	17000	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
1,1-Dichloroethene	240000	1100000	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
1,2,4-Trichlorobenzene	22000	98000	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
1,2-Dibromo-3-chloropropane (DBCP)	5.4	69	11 U	11 U	860 UJ	10 U	11 U	8.6 U	10 U	9.5 U
1,2-Dibromoethane (Ethylene dibromide)	34	170	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
1,2-Dichlorobenzene	1900000	9800000	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
1,2-Dichloroethane	430	2200	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
1,2-Dichloropropane	940	4700	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
1,3-Dichlorobenzene	-	-	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
1,4-Dichlorobenzene	2400	12000	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
2-Butanone (Methyl ethyl ketone) (MEK)	28000000	200000000	22 U	21 U	1700 U	21 U	22 U	17 U	1.9 J	5.1 J
2-Hexanone	210000	1400000	22 U	21 U	1700 U	21 U	22 U	17 U	20 U	19 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5300000	53000000	22 U	21 U	1700 U	21 U	22 U	17 U	20 U	19 U
Acetone	61000000	630000000	22 U	21 U	1700 U	21 U	22 U	17 U	21 U	33 U
Benzene	1100	5400	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	0.22 J
Bromodichloromethane	270	1400	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
Bromoform	62000	220000	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
Bromomethane (Methyl bromide)	7300	32000	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 UJ	5.0 U	4.7 UJ
Carbon disulfide	820000	3700000	0.78 J	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
Carbon tetrachloride	610	3000	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
Chlorobenzene	290000	1400000	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	0.39 J	2.0 J
Chloroethane	15000000	61000000	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 UJ	5.0 U	4.7 UJ
Chloroform (Trichloromethane)	290	1500	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
Chloromethane (Methyl chloride)	120000	500000	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
cis-1,2-Dichloroethene	160000	2000000	5.5 U	5.3 U	230 J	5.2 U	5.6 U	4.3 U	0.64 J	4.7 U
cis-1,3-Dichloropropene	-	-	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
Cyclohexane	7000000	29000000	11 U	11 U	860 U	10 U	11 U	8.6 U	10 U	9.5 U
Dibromochloromethane	680	3300	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
Dichlorodifluoromethane (CFC-12)	94000	400000	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
Ethylbenzene	5400	27000	5.5 U	5.3 U	430 U	5.2 U	5.6 U	0.28 J	0.35 J	4.7 U
Isopropyl benzene	2100000	11000000	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
Methyl acetate	78000000	1000000000	11 U	11 U	860 U	10 U	11 U	8.6 U	10 U	9.5 U
Methyl cyclohexane	-	-	11 U	11 U	860 U	10 U	11 U	8.6 U	10 U	0.33 J
Methyl tert butyl ether (MTBE)	43000	220000	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
Methylene chloride	56000	960000	11 U	8.9 U	430 U	8.9 U	7.0 U	15 J	8.1 U	4.4 J
Styrene	6300000	36000000	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
Tetrachloroethene	22000	110000	5.5 U	5.3 U	430 U	5.2 U	5.6 U	1.0 J	5.0 U	4.7 U
Toluene	5000000	45000000	5.5 U	5.3 U	66 J	0.35 J	5.6 U	0.63 J	0.94 J	0.56 J
trans-1,2-Dichloroethene	150000	690000	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
trans-1,3-Dichloropropene	-	-	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
Trichloroethene	910	6400	5.5 U	5.3 U	2500[a]	0.83 J	5.6 U	0.37 J	5.0 U	4.7 U
Trichlorofluoromethane (CFC-11)	790000	3400000	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
Trifluorotrichloroethane (Freon 113)	43000000	180000000	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U
Vinyl chloride	60	1700	5.5 U	5.3 U	430 U	5.2 U	5.6 U	4.3 U	5.0 U	4.7 U

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Xylenes (total)	630000	2700000	11 U	11 U	860 U	10 U	11 U	8.6 U	10 U	9.5 U
PCBs										
Aroclor-1016 (PCB-1016)	3900	21000	-	-	-	-	-	34 U	35 U	-
Aroclor-1221 (PCB-1221)	140	540	-	-	-	-	-	34 U	35 U	-
Aroclor-1232 (PCB-1232)	140	540	-	-	-	-	-	34 U	35 U	-
Aroclor-1242 (PCB-1242)	220	740	-	-	-	-	-	34 U	35 U	-
Aroclor-1248 (PCB-1248)	220	740	-	-	-	-	-	34 U	35 U	-
Aroclor-1254 (PCB-1254)	220	740	-	-	-	-	-	34 U	35 U	-
Aroclor-1260 (PCB-1260)	220	740	-	-	-	-	-	34 U	35 U	-

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			*BH64-13*	*BH65-13*	*BH66-13*	*BH66-13*	*BH67-13*	*BH67-13*	*BH68-13*	*BH68-13*
Sample ID:			*S-38443-061913-JC-016*	*S-38443-062013-JC-031*	*S-38443-062613-JC-054*	*S-38443-062613-JC-055*	*S-38443-062013-JC-032*	*S-38443-062013-JC-033*	*S-38443-061913-JC-017*	*S-38443-061913-JC-018*
Sample Date:			*6/19/2013*	*6/20/2013*	*6/26/2013*	*6/26/2013*	*6/20/2013*	*6/20/2013*	*6/19/2013*	*6/19/2013*
Sample Depth:	*USEPA Regional Screening Levels [1]*		*22-24 ft BGS*	*22.1-24.1 ft BGS*	*10-12 ft BGS*	*22-24 ft BGS*	*7-9 ft BGS*	*21-23 ft BGS*	*0.5-2.5 ft BGS*	*21.5-23.5 ft BGS*
Parameter	*Residential Soil*	*Industrial Soil*								
	a	*b*								
Volatile Organic Compounds										
1,1,1-Trichloroethane	8700000	38000000	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U
1,1,2,2-Tetrachloroethane	560	2800	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U
1,1,2-Trichloroethane	1100	5300	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U
1,1-Dichloroethane	3300	17000	4.1 U	1.1 J	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U
1,1-Dichloroethene	240000	1100000	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U
1,2,4-Trichlorobenzene	22000	98000	4.1 U	5.1 U	11000 U	5.8 U	210 J	5.0 U	270 U	4.3 U
1,2-Dibromo-3-chloropropane (DBCP)	5.4	69	8.1 U	10 U	23000 UJ	12 UJ	7200 U	10 U	540 U	8.6 U
1,2-Dibromoethane (Ethylene dibromide)	34	170	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U
1,2-Dichlorobenzene	1900000	9800000	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	1.1 J
1,2-Dichloroethane	430	2200	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U
1,2-Dichloropropane	940	4700	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U
1,3-Dichlorobenzene	-	-	4.1 U	5.1 U	11000 U	5.8 U	170 J	5.0 U	270 U	4.3 U
1,4-Dichlorobenzene	2400	12000	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	1.7 J
2-Butanone (Methyl ethyl ketone) (MEK)	28000000	200000000	16 U	20 U	46000 U	2.4 J	14000 U	20 U	1100 U	17 U
2-Hexanone	210000	1400000	16 U	20 U	46000 U	23 U	14000 U	20 U	1100 U	17 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5300000	53000000	16 U	20 U	46000 U	23 U	14000 U	20 U	1100 U	1.5 J
Acetone	61000000	630000000	16 U	20 U	46000 U	23 U	4500 J	20 U	1100 U	21 U
Benzene	1100	5400	4.1 U	0.38 J	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U
Bromodichloromethane	270	1400	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U
Bromoform	62000	220000	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U
Bromomethane (Methyl bromide)	7300	32000	4.1 U	5.1 UJ	11000 U	5.8 U	3600 UJ	5.0 U	270 U	4.3 UJ
Carbon disulfide	820000	3700000	4.1 U	5.1 U	11000 U	1.4 J	3600 U	5.0 U	270 U	4.3 U
Carbon tetrachloride	610	3000	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U
Chlorobenzene	290000	1400000	4.1 U	5.1 U	1000 J	2.9 J	320 J	0.49 J	270 U	0.87 J
Chloroethane	15000000	61000000	4.1 U	5.1 UJ	11000 U	5.8 U	3600 UJ	5.0 U	270 U	4.3 UJ
Chloroform (Trichloromethane)	290	1500	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U
Chloromethane (Methyl chloride)	120000	500000	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U
cis-1,2-Dichloroethene	160000	2000000	4.1 U	5.1 U	11000 U	5.8 U	890 J	2.0 J	270 U	4.3 U
cis-1,3-Dichloropropene	-	-	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U
Cyclohexane	7000000	29000000	8.1 U	0.38 J	23000 U	12 U	7200 U	10 U	540 U	8.6 U
Dibromochloromethane	680	3300	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U
Dichlorodifluoromethane (CFC-12)	94000	400000	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U
Ethylbenzene	5400	27000	4.1 U	0.47 J	56000[ab]	1.1 J	59000[ab]	5.0 U	270 U	4.3 U
Isopropyl benzene	2100000	11000000	4.1 U	5.1 U	13000	5.8 U	3600	5.0 U	270 U	4.3 U
Methyl acetate	78000000	1000000000	8.1 U	10 U	23000 U	12 U	650 J	10 U	150 J	8.6 U
Methyl cyclohexane	-	-	8.1 U	0.67 J	53000	0.78 J	790 J	10 U	37 J	8.6 U
Methyl tert butyl ether (MTBE)	43000	220000	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U
Methylene chloride	56000	960000	5.9 U	5.0 J	20000 U	11 U	4000	6.3 UJ	270 U	11 J
Styrene	6300000	36000000	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U
Tetrachloroethene	22000	110000	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U
Toluene	5000000	45000000	0.40 J	1.3 J	11000 U	2.0 J	1400 J	0.86 J	24 J	0.39 J
trans-1,2-Dichloroethene	150000	690000	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U
trans-1,3-Dichloropropene	-	-	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U
Trichloroethene	910	6400	1.4 J	5.1 U	11000 U	5.8 U	1800 J[a]	1.9 J	180 J	4.3 U
Trichlorofluoromethane (CFC-11)	790000	3400000	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U
Trifluorotrichloroethane (Freon 113)	43000000	180000000	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U
Vinyl chloride	60	1700	4.1 U	5.1 U	11000 U	5.8 U	3600 U	5.0 U	270 U	4.3 U

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Xylenes (total)	630000	2700000	8.1 U	10 U	140000	2.9 J	73000	10 U	110 J	8.6 U
PCBs										
Aroclor-1016 (PCB-1016)	3900	21000	-	35 U	75 U	40 U	2000 U	39 U	-	-
Aroclor-1221 (PCB-1221)	140	540	-	35 U	75 U	40 U	2000 U	39 U	-	-
Aroclor-1232 (PCB-1232)	140	540	-	35 U	75 U	40 U	2000 U	39 U	-	-
Aroclor-1242 (PCB-1242)	220	740	-	35 U	380[a]	40 U	2000 U	44	-	-
Aroclor-1248 (PCB-1248)	220	740	-	35 U	75 U	40 U	2000 U	39 U	-	-
Aroclor-1254 (PCB-1254)	220	740	-	35 U	300 NJ[a]	40 UJ	16000[ab]	290[a]	-	-
Aroclor-1260 (PCB-1260)	220	740	-	35 U	75 UJ	40 UJ	2000 U	39 U	-	-

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			BH69-13	BH69-13	BH70-13	BH71-13	BH72-13	BH73-13	BH74-13	BH74-13
Sample ID:			S-38443-062113-JC-035	S-38443-062113-JC-036	S-38443-062113-JC-034	S-38443-062013-JT-025	S-38443-062013-JT-026	S-38443-062013-JT-024	S-38443-062013-JT-022	S-38443-062013-JT-023
Sample Date:			6/21/2013	6/21/2013	6/21/2013	6/20/2013	6/20/2013	6/20/2013	6/20/2013	6/20/2013
Sample Depth:	USEPA Regional Screening Levels [1]		21-23 ft BGS	21-23 ft BGS	19-20 ft BGS	21.5-23.5 ft BGS	18.75-20.75 ft BGS	18.5-20.5 ft BGS	0-2 ft BGS	19-21 ft BGS
				Duplicate						
Parameter	Residential Soil	Industrial Soil								
	a	b								
Volatile Organic Compounds										
1,1,1-Trichloroethane	8700000	38000000	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
1,1,2,2-Tetrachloroethane	560	2800	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
1,1,2-Trichloroethane	1100	5300	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
1,1-Dichloroethane	3300	17000	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
1,1-Dichloroethene	240000	1100000	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
1,2,4-Trichlorobenzene	22000	98000	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
1,2-Dibromo-3-chloropropane (DBCP)	5.4	69	9.4 U	8.8 U	11 U	11 U	9.5 U	11 U	13 U	11 U
1,2-Dibromoethane (Ethylene dibromide)	34	170	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
1,2-Dichlorobenzene	1900000	9800000	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
1,2-Dichloroethane	430	2200	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
1,2-Dichloropropane	940	4700	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
1,3-Dichlorobenzene	-	-	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
1,4-Dichlorobenzene	2400	12000	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
2-Butanone (Methyl ethyl ketone) (MEK)	28000000	200000000	19 U	18 U	21 U	22 U	19 U	22 U	26 U	22 U
2-Hexanone	210000	1400000	19 U	18 U	21 U	22 U	19 U	22 U	26 U	22 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5300000	53000000	19 U	18 U	21 U	22 U	19 U	22 U	26 U	22 U
Acetone	61000000	630000000	19 U	18 U	21 U	22 U	36 U	22 U	26 U	22 U
Benzene	1100	5400	4.7 U	4.4 U	5.3 U	5.5 U	0.88 J	5.6 U	6.5 U	5.6 U
Bromodichloromethane	270	1400	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
Bromoform	62000	220000	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
Bromomethane (Methyl bromide)	7300	32000	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 UJ	6.5 UJ	5.6 UJ
Carbon disulfide	820000	3700000	4.7 U	4.4 U	5.3 U	5.5 U	0.72 J	5.6 U	6.5 U	5.6 U
Carbon tetrachloride	610	3000	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
Chlorobenzene	290000	1400000	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
Chloroethane	15000000	61000000	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 UJ	6.5 UJ	5.6 UJ
Chloroform (Trichloromethane)	290	1500	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	0.40 J	5.6 U
Chloromethane (Methyl chloride)	120000	500000	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
cis-1,2-Dichloroethene	160000	2000000	6.7	2.2 J	0.39 J	5.5 U	34	5.6 U	6.5 U	5.6 U
cis-1,3-Dichloropropene	-	-	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
Cyclohexane	7000000	29000000	9.4 U	8.8 U	11 U	11 U	2.3 J	11 U	13 U	11 U
Dibromochloromethane	680	3300	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
Dichlorodifluoromethane (CFC-12)	94000	400000	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
Ethylbenzene	5400	27000	4.7 U	4.4 U	5.3 U	5.5 U	1.8 J	0.35 J	6.5 U	5.6 U
Isopropyl benzene	2100000	11000000	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
Methyl acetate	78000000	1000000000	9.4 U	8.8 U	11 U	11 U	9.5 U	11 U	13 U	11 U
Methyl cyclohexane	-	-	9.4 U	8.8 U	11 U	11 U	2.8 J	11 U	13 U	11 U
Methyl tert butyl ether (MTBE)	43000	220000	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
Methylene chloride	56000	960000	4.9 UJ	7.6 UJ	5.3 UJ	5.5 UJ	4.8 UJ	8.8 J	8.9 J	7.4 J
Styrene	6300000	36000000	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
Tetrachloroethene	22000	110000	3.9 J	1.2 J	1.2 J	5.5 U	3.1 J	5.6 U	6.5 U	5.6 U
Toluene	5000000	45000000	0.46 J	4.4 U	0.53 J	0.69 J	3.5 J	0.65 J	6.5 U	0.47 J
trans-1,2-Dichloroethene	150000	690000	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
trans-1,3-Dichloropropene	-	-	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
Trichloroethene	910	6400	25	9.0	110	3.6 J	80	5.6 U	3.3 J	0.71 J
Trichlorofluoromethane (CFC-11)	790000	3400000	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
Trifluorotrichloroethane (Freon 113)	43000000	180000000	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U
Vinyl chloride	60	1700	4.7 U	4.4 U	5.3 U	5.5 U	4.8 U	5.6 U	6.5 U	5.6 U

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Xylenes (total)	630000	2700000	9.4 U	8.8 U	11 U	11 U	3.3 J	11 U	13 U	11 U
PCBs										
Aroclor-1016 (PCB-1016)	3900	21000	35 U	36 U	-	-	-	35 U	-	-
Aroclor-1221 (PCB-1221)	140	540	35 U	36 U	-	-	-	35 U	-	-
Aroclor-1232 (PCB-1232)	140	540	35 U	36 U	-	-	-	35 U	-	-
Aroclor-1242 (PCB-1242)	220	740	35 U	36 U	-	-	-	35 U	-	-
Aroclor-1248 (PCB-1248)	220	740	35 U	36 U	-	-	-	35 U	-	-
Aroclor-1254 (PCB-1254)	220	740	35 U	36 U	-	-	-	35 U	-	-
Aroclor-1260 (PCB-1260)	220	740	35 U	36 U	-	-	-	35 U	-	-

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			BH75-13	BH75-13	BH76-13	BH76-13	BH77-13	BH78-13	BH78-13	BH79-13
Sample ID:			S-38443-062513-JT-045	S-38443-062513-JT-046	S-38443-062513-JC-052	S-38443-062513-JC-053	S-38443-062513-JT-047	S-38443-062513-JT-043	S-38443-062513-JT-044	S-38443-062613-JC-056
Sample Date:			6/25/2013	6/25/2013	6/25/2013	6/25/2013	6/25/2013	6/25/2013	6/25/2013	6/26/2013
Sample Depth:	USEPA Regional Screening Levels [1]		0-2 ft BGS	20-22 ft BGS	8-10 ft BGS	18-20 ft BGS	20-22 ft BGS	20-22 ft BGS	20-22 ft BGS Duplicate	4-6 ft BGS
Parameter	Residential Soil a	Industrial Soil b								
Volatile Organic Compounds										
1,1,1-Trichloroethane	8700000	38000000	970 U	4.5 U	260 U	11 U	290 U	4.7 U	4.0 U	280 U
1,1,2,2-Tetrachloroethane	560	2800	970 U	4.5 U	260 U	11 UJ	290 U	4.7 U	4.0 U	280 U
1,1,2-Trichloroethane	1100	5300	970 U	4.5 U	260 U	11 U	290 U	4.7 U	4.0 U	280 U
1,1-Dichloroethane	3300	17000	560 J	4.5 U	260 U	1.3 J	290 U	4.7 U	4.0 U	280 U
1,1-Dichloroethene	240000	1100000	970 U	4.5 U	260 U	11 U	290 U	4.7 U	4.0 U	280 U
1,2,4-Trichlorobenzene	22000	99000	970 U	4.5 U	260 U	11 UJ	130 J	4.7 U	4.0 U	280 U
1,2-Dibromo-3-chloropropane (DBCP)	5.4	69	1900 U	9.0 U	520 U	23 UJ	580 U	9.5 U	8.0 U	560 U
1,2-Dibromoethane (Ethylene dibromide)	34	170	970 U	4.5 U	260 U	11 U	290 U	4.7 U	4.0 U	280 U
1,2-Dichlorobenzene	1900000	9800000	970 U	4.5 U	260 U	11 UJ	290 U	4.7 U	4.0 U	280 U
1,2-Dichloroethane	430	2200	970 U	4.5 U	260 U	11 U	290 U	4.7 U	4.0 U	280 U
1,2-Dichloropropane	940	4700	970 U	4.5 U	260 U	11 U	290 U	4.7 U	4.0 U	280 U
1,3-Dichlorobenzene	-	-	970 U	4.5 U	260 U	11 UJ	180 J	4.7 U	4.0 U	23 J
1,4-Dichlorobenzene	2400	12000	970 U	4.5 U	260 U	11 UJ	2900[a]	4.7 U	4.0 U	280 U
2-Butanone (Methyl ethyl ketone) (MEK)	28000000	200000000	3900 U	3.8 J	1000 U	45 U	1200 U	3.8 J	3.8 J	1100 U
2-Hexanone	210000	1400000	3900 U	18 U	1000 U	45 U	1200 U	19 U	16 U	1100 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5300000	53000000	3900 U	1.0 J	100 J	45 U	1200 U	0.64 J	16 U	1100 U
Acetone	61000000	630000000	6300 U	26 UJ	1400 U	61 UJ	1900 U	24 UJ	26 UJ	1100 U
Benzene	1100	5400	200 J	0.78 J	260 U	11 U	320	0.23 J	1.3 J	280 U
Bromodichloromethane	270	1400	970 U	4.5 U	260 U	11 U	290 U	4.7 U	4.0 U	280 U
Bromoform	62000	220000	970 U	4.5 U	260 U	11 U	290 U	4.7 U	4.0 U	280 U
Bromomethane (Methyl bromide)	7300	32000	970 UJ	4.5 UJ	260 UJ	11 UJ	290 UJ	4.7 UJ	4.0 UJ	280 UJ
Carbon disulfide	820000	3700000	970 U	4.5 U	260 U	11 U	290 U	0.47 J	0.93 J	18 J
Carbon tetrachloride	610	3000	970 U	4.5 U	260 U	11 U	290 U	4.7 U	4.0 U	280 U
Chlorobenzene	290000	1400000	630 J	2.7 J	260 U	11 U	1400	4.7 U	0.37 J	280 U
Chloroethane	15000000	61000000	970 UJ	4.5 UJ	260 UJ	63 J	290 UJ	4.7 UJ	4.0 UJ	280 UJ
Chloroform (Trichloromethane)	290	1500	970 U	4.5 U	260 U	11 U	290 U	4.7 U	0.25 J	280 U
Chloromethane (Methyl chloride)	120000	500000	970 U	4.5 U	260 U	11 U	290 U	4.7 U	4.0 U	280 U
cis-1,2-Dichloroethene	160000	2000000	970 U	4.5 U	260 U	11 U	290 U	4.7 U	4.0 U	280 U
cis-1,3-Dichloropropene	-	-	970 U	4.5 U	260 U	11 U	290 U	4.7 U	4.0 U	280 U
Cyclohexane	7000000	29000000	1900 U	0.38 J	520 U	23 U	580 U	9.5 U	0.50 J	560 U
Dibromochloromethane	680	3300	970 U	4.5 U	260 U	11 U	290 U	4.7 U	4.0 U	280 U
Dichlorodifluoromethane (CFC-12)	94000	400000	R	4.5 U	R	11 U	R	4.7 U	4.0 U	280 U
Ethylbenzene	5400	27000	1400	0.34 J	38 J	11 U	54 J	0.57 J	0.45 J	93 J
Isopropyl benzene	2100000	11000000	790 J	4.5 U	18 J	11 U	1000	0.34 J	0.46 J	88 J
Methyl acetate	78000000	1000000000	110 J	9.0 U	68 J	23 U	230 J	9.5 U	8.0 U	190 J
Methyl cyclohexane	-	-	530 J	1.3 J	520 U	23 U	970	9.5 U	1.2 J	75 J
Methyl tert butyl ether (MTBE)	43000	220000	970 U	4.5 U	260 U	2.0 J	290 U	4.7 U	4.0 U	280 U
Methylene chloride	56000	960000	3100 U	14 J	870 U	33 J	960 U	13 J	13 J	310 U
Styrene	6300000	36000000	970 U	4.5 U	260 U	11 U	290 U	4.7 U	4.0 U	280 U
Tetrachloroethene	22000	110000	970 U	4.5 U	260 U	11 U	290 U	4.7 U	4.0 U	280 U
Toluene	5000000	45000000	1500	0.67 J	31 J	11 U	76 J	0.76 J	1.0 J	100 J
trans-1,2-Dichloroethene	150000	690000	970 U	4.5 U	260 U	11 U	290 U	4.7 U	4.0 U	280 U
trans-1,3-Dichloropropene	-	-	970 U	4.5 U	260 U	11 U	290 U	4.7 U	4.0 U	280 U
Trichloroethene	910	6400	130 J	4.5 U	260 U	11 U	290 U	4.7 U	4.0 U	280 U
Trichlorofluoromethane (CFC-11)	790000	3400000	970 U	4.5 U	260 U	11 U	290 U	4.7 U	4.0 U	280 U
Trifluorotrichloroethane (Freon 113)	43000000	180000000	970 U	4.5 U	260 U	11 U	290 U	4.7 U	4.0 U	280 U
Vinyl chloride	60	1700	970 U	4.5 U	260 U	11 U	290 U	4.7 U	4.0 U	280 U

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Xylenes (total)	630000	2700000	8100	9.0 U	130 J	23 U	280 J	1.6 J	1.7 J	200 J
PCBs										
Aroclor-1016 (PCB-1016)	3900	21000	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	140	540	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	140	540	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	220	740	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	220	740	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	220	740	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	220	740	-	-	-	-	-	-	-	-

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			***BH79-13***	***BH80-13***	***BH81-13***	***BH81-13***	***BH82-13***	***BH83-13***	***BH83-13***	***BH84-13***
Sample ID:			***S-38443-062613-JC-057***	***S-38443-062413-SM-042***	***S-38443-062613-JC-070***	***S-38443-062613-JC-071***	***S-38443-062413-JC-039***	***S-38443-062413-SM-030***	***S-38443-062413-SM-041***	***S-38443-062613-JT-048***
Sample Date:			***6/26/2013***	***6/24/2013***	***6/26/2013***	***6/26/2013***	***6/24/2013***	***6/24/2013***	***6/24/2013***	***6/26/2013***
Sample Depth:	***USEPA Regional Screening Levels [1]***		***21-23 ft BGS***	***22.5-24.5 ft BGS***	***15-17 ft BGS***	***22-24 ft BGS***	***19-21 ft BGS***	***5-7.5 ft BGS***	***20.2-22.2 ft BGS***	***2-4 ft BGS***
Parameter	***Residential Soil***	***Industrial Soil***								
	a	***b***								
Volatile Organic Compounds										
1,1,1-Trichloroethane	8700000	38000000	4.3 U	5.0 U	600 U	5.2 U	14 UJ	5.3 U	6.4 U	4.9 U
1,1,2,2-Tetrachloroethane	560	2800	R	5.0 U	600 U	5.2 U	R	5.3 UJ	6.4 UJ	4.9 U
1,1,2-Trichloroethane	1100	5300	4.3 U	5.0 U	600 U	5.2 U	R	5.3 U	6.4 U	4.9 U
1,1-Dichloroethane	3300	17000	4.3 U	5.0 U	77 J	5.2 U	14 UJ	5.3 U	6.4 U	1.9 J
1,1-Dichloroethene	240000	1100000	4.3 U	5.0 U	600 U	5.2 U	14 UJ	5.3 U	6.4 U	4.9 U
1,2,4-Trichlorobenzene	22000	99000	R	5.0 U	600 U	5.2 U	R	5.3 UJ	6.4 UJ	4.9 U
1,2-Dibromo-3-chloropropane (DBCP)	5.4	69	R	10 U	1200 U	10 UJ	R	11 UJ	13 UJ	9.8 UJ
1,2-Dibromoethane (Ethylene dibromide)	34	170	4.3 U	5.0 U	600 U	5.2 U	R	5.3 U	6.4 U	4.9 U
1,2-Dichlorobenzene	1900000	9800000	6.9 J	5.0 U	600 U	5.2 U	R	5.3 UJ	6.4 UJ	4.9 U
1,2-Dichloroethane	430	2200	4.3 U	5.0 U	600 U	5.2 U	14 UJ	5.3 U	6.4 U	4.9 U
1,2-Dichloropropane	940	4700	4.3 U	5.0 U	600 U	5.2 U	14 UJ	5.3 U	6.4 U	4.9 U
1,3-Dichlorobenzene	-	-	1.7 J	5.0 U	600 U	5.2 U	4.0 J	5.3 UJ	6.4 UJ	4.9 U
1,4-Dichlorobenzene	2400	12000	18 J	5.0 U	600 U	5.2 U	R	5.3 UJ	6.4 UJ	4.9 U
2-Butanone (Methyl ethyl ketone) (MEK)	28000000	200000000	3.7 J	5.3 J	2400 U	4.4 J	19 J	9.8 J	16 J	6.1 J
2-Hexanone	210000	1400000	17 U	20 U	2400 U	21 U	R	21 U	26 U	20 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5300000	53000000	17 U	20 U	2400 U	21 U	56 J	21 U	26 U	20 U
Acetone	61000000	630000000	27 U	38 U	2400 U	28 U	210 UJ	94 U	81 U	39 U
Benzene	1100	5400	4.3 U	0.25 J	38 J	0.62 J	14 UJ	0.32 J	1.6 J	4.9 U
Bromodichloromethane	270	1400	4.3 U	5.0 U	600 U	5.2 U	R	5.3 U	6.4 U	4.9 U
Bromoform	62000	220000	4.3 U	5.0 U	600 U	5.2 U	R	5.3 U	6.4 U	4.9 U
Bromomethane (Methyl bromide)	7300	32000	4.3 U	5.0 UJ	600 UJ	5.2 U	14 UJ	5.3 UJ	6.4 UJ	4.9 U
Carbon disulfide	820000	3700000	1.4 J	5.0 U	600 U	2.4 J	2.9 J	2.8 J	0.58 J	4.9 U
Carbon tetrachloride	610	3000	4.3 U	5.0 U	600 U	5.2 U	14 UJ	5.3 U	6.4 U	4.9 U
Chlorobenzene	290000	1400000	56	0.39 J	600 U	12	R	5.3 U	2.1 J	1.4 J
Chloroethane	15000000	61000000	4.3 U	5.0 UJ	600 UJ	5.2 U	14 UJ	5.3 UJ	6.4 UJ	4.9 U
Chloroform (Trichloromethane)	290	1500	4.3 U	5.0 U	600 U	5.2 U	14 UJ	0.34 J	6.4 U	4.9 U
Chloromethane (Methyl chloride)	120000	500000	4.3 U	5.0 U	600 U	5.2 U	14 UJ	5.3 U	6.4 U	4.9 U
cis-1,2-Dichloroethene	160000	2000000	4.3 U	5.0 U	580 J	5.2 U	14 UJ	5.3 U	6.4 U	4.9 U
cis-1,3-Dichloropropene	-	-	4.3 U	5.0 U	600 U	5.2 U	14 UJ	5.3 U	6.4 U	4.9 U
Cyclohexane	7000000	29000000	1.5 J	10 U	1200 U	2.0 J	27 UJ	11 U	1.1 J	9.8 U
Dibromochloromethane	680	3300	4.3 U	5.0 U	600 U	5.2 U	R	5.3 U	6.4 U	4.9 U
Dichlorodifluoromethane (CFC-12)	94000	400000	4.3 U	5.0 U	600 U	5.2 U	14 UJ	5.3 U	6.4 U	4.9 U
Ethylbenzene	5400	27000	0.69 J	5.0 U	5300	1.6 J	R	1.4 J	6.4 U	0.95 J
Isopropyl benzene	2100000	11000000	0.71 J	5.0 U	330 J	4.9 J	R	5.3 U	6.4 U	4.9 U
Methyl acetate	78000000	1000000000	8.7 U	10 U	230 J	10 U	27 UJ	11 U	13 U	9.8 U
Methyl cyclohexane	-	-	2.8 J	10 U	200 J	1.5 J	1.5 J	11 U	2.7 J	9.8 U
Methyl tert butyl ether (MTBE)	43000	220000	4.3 U	5.0 U	600 U	5.2 U	14 UJ	5.3 U	6.4 U	4.9 U
Methylene chloride	56000	960000	9.3 U	13 U	600 U	12 U	160 UJ	16 U	21 U	7.7 U
Styrene	6300000	36000000	4.3 U	5.0 U	600 U	5.2 U	R	5.3 U	6.4 U	4.9 U
Tetrachloroethene	22000	110000	1.2 J	5.0 U	600 U	5.2 U	R	5.3 U	6.4 U	4.9 U
Toluene	5000000	45000000	1.8 J	5.0 U	390 J	1.7 J	R	5.3 U	6.4 U	4.9 U
trans-1,2-Dichloroethene	150000	690000	4.3 U	5.0 U	46 J	5.2 U	14 UJ	5.3 U	6.4 U	4.9 U
trans-1,3-Dichloropropene	-	-	4.3 U	5.0 U	600 U	5.2 U	R	5.3 U	6.4 U	4.9 U
Trichloroethene	910	6400	4.3 U	5.0 U	1200 J[a]	2.1 J	14 UJ	5.3 U	6.4 U	4.9 U
Trichlorofluoromethane (CFC-11)	790000	3400000	4.3 U	5.0 U	600 U	5.2 U	14 UJ	5.3 U	6.4 U	4.9 U
Trifluorotrichloroethane (Freon 113)	43000000	180000000	4.3 U	5.0 U	600 U	5.2 U	14 UJ	5.3 U	6.4 U	4.9 U
Vinyl chloride	60	1700	4.3 U	5.0 U	50 J	5.2 U	59 J	5.3 U	6.4 U	1.7 J

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Xylenes (total)	630000	2700000	1.9 J	10 U	7200	6.4 J	R	11 U	4.0 J	1.2 J
PCBs										
Aroclor-1016 (PCB-1016)	3900	21000	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	140	540	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	140	540	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	220	740	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	220	740	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	220	740	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	220	740	-	-	-	-	-	-	-	-

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			*BH84-13*	*BH85-13*	*BH85-13*	*BH86-13*	*BH87-13*	*BH87-13*	*BH88-13*	*BH89-13*
Sample ID:			*S-38443-062613-JT-049*	*S-38443-062513-JC-040*	*S-38443-062513-JC-051*	*S-38443-062413-JC-038*	*S-38443-062613-JC-058*	*S-38443-062613-JC-059*	*S-38443-062413-JC-037*	*S-38443-062413-SM-029*
Sample Date:			*6/26/2013*	*6/25/2013*	*6/25/2013*	*6/24/2013*	*6/26/2013*	*6/26/2013*	*6/24/2013*	*6/24/2013*
Sample Depth:	*USEPA Regional Screening Levels [1]*		*19-21 ft BGS*	*8-10 ft BGS*	*18-20 ft BGS*	*22.5-24.5 ft BGS*	*18-20 ft BGS*	*18-20 ft BGS*	*18-20 ft BGS*	*18-20 ft BGS*
								Duplicate		
Parameter	*Residential Soil*	*Industrial Soil*								
	a	*b*								
Volatile Organic Compounds										
1,1,1-Trichloroethane	8700000	38000000	5.2 U	460 U	4.6 U	5.1 U	430 U	11 UJ	12 U	5.3 U
1,1,2,2-Tetrachloroethane	560	2800	5.2 U	460 U	4.6 U	5.1 U	430 U	R	R	5.3 U
1,1,2-Trichloroethane	1100	5300	5.2 U	460 U	4.6 U	5.1 U	430 U	11 UJ	12 UJ	5.3 U
1,1-Dichloroethane	3300	17000	5.2 U	460 U	4.6 U	5.1 U	430 U	17 J	12 U	5.3 U
1,1-Dichloroethene	240000	1100000	5.2 U	460 U	4.6 U	5.1 U	430 U	11 UJ	12 U	5.3 U
1,2,4-Trichlorobenzene	22000	99000	5.2 U	460 U	4.6 U	5.1 U	430 U	R	R	5.3 U
1,2-Dibromo-3-chloropropane (DBCP)	5.4	69	10 UJ	910 U	9.3 U	10 U	870 UJ	R	R	11 U
1,2-Dibromoethane (Ethylene dibromide)	34	170	5.2 U	460 U	4.6 U	5.1 U	430 U	11 UJ	12 U	5.3 U
1,2-Dichlorobenzene	1900000	9800000	5.2 U	460 U	4.6 U	5.1 U	430 U	R	R	5.3 U
1,2-Dichloroethane	430	2200	5.2 U	460 U	4.6 U	5.1 U	430 U	11 UJ	12 U	5.3 U
1,2-Dichloropropane	940	4700	5.2 U	460 U	4.6 U	5.1 U	430 U	11 UJ	12 U	5.3 U
1,3-Dichlorobenzene	-	-	5.2 U	460 U	4.6 U	5.1 U	430 U	R	0.89 J	5.3 U
1,4-Dichlorobenzene	2400	12000	5.2 U	460 U	4.6 U	5.1 U	430 U	R	R	5.3 U
2-Butanone (Methyl ethyl ketone) (MEK)	28000000	200000000	21 U	1800 U	19 U	12 J	1700 U	43 UJ	47 U	21 U
2-Hexanone	210000	1400000	21 U	1800 U	19 U	20 U	1700 U	43 UJ	47 UJ	21 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5300000	53000000	21 U	1800 U	19 U	20 U	1700 U	43 UJ	47 UJ	21 U
Acetone	61000000	630000000	21 U	2200 U	23 U	88 U	1700 U	43 UJ	92 U	21 U
Benzene	1100	5400	5.2 U	460 U	4.6 U	5.1 U	430 U	11 UJ	12 U	5.3 U
Bromodichloromethane	270	1400	5.2 U	460 U	4.6 U	5.1 U	430 U	11 UJ	12 U	5.3 U
Bromoform	62000	220000	5.2 U	460 U	4.6 U	5.1 U	430 U	11 UJ	12 UJ	5.3 U
Bromomethane (Methyl bromide)	7300	32000	5.2 U	460 UJ	4.6 UJ	5.1 UJ	430 U	11 UJ	12 UJ	5.3 UJ
Carbon disulfide	820000	3700000	5.2 U	460 U	4.6 U	3.2 J	430 U	11 UJ	12 U	5.3 U
Carbon tetrachloride	610	3000	5.2 U	460 U	4.6 U	5.1 U	430 U	11 UJ	12 U	5.3 U
Chlorobenzene	290000	1400000	5.2 U	460 U	4.6 U	5.1 U	430 U	11 UJ	12 UJ	5.3 U
Chloroethane	15000000	61000000	5.2 U	460 UJ	4.6 UJ	5.1 UJ	430 U	19 J	12 UJ	5.3 UJ
Chloroform (Trichloromethane)	290	1500	5.2 U	460 U	4.6 U	5.1 U	430 U	11 UJ	12 U	0.40 J
Chloromethane (Methyl chloride)	120000	500000	5.2 U	460 U	4.6 U	5.1 U	430 U	11 UJ	12 U	5.3 U
cis-1,2-Dichloroethene	160000	2000000	5.2 U	460 U	4.6 U	5.1 U	430 U	11 UJ	12 U	5.3 U
cis-1,3-Dichloropropene	-	-	5.2 U	460 U	4.6 U	5.1 U	430 U	11 UJ	12 U	5.3 U
Cyclohexane	7000000	29000000	10 U	910 U	9.3 U	10 U	870 U	4.8 J	24 U	11 U
Dibromochloromethane	680	3300	5.2 U	460 U	4.6 U	5.1 U	430 U	11 UJ	12 UJ	5.3 U
Dichlorodifluoromethane (CFC-12)	94000	400000	5.2 U	R	4.6 U	5.1 U	430 U	11 UJ	12 U	5.3 U
Ethylbenzene	5400	27000	5.2 U	29 J	4.6 U	5.1 U	430 U	11 UJ	12 UJ	5.3 U
Isopropyl benzene	2100000	11000000	5.2 U	210 J	4.6 U	0.27 J	430 U	11 UJ	12 UJ	5.3 U
Methyl acetate	78000000	1000000000	10 U	910 U	9.3 U	10 U	56 J	22 UJ	24 U	11 U
Methyl cyclohexane	-	-	10 U	910 U	0.42 J	10 U	870 U	4.1 J	24 U	11 U
Methyl tert butyl ether (MTBE)	43000	220000	5.2 U	460 U	4.6 U	5.1 U	430 U	11 UJ	12 U	5.3 U
Methylene chloride	56000	960000	7.9 U	1300 U	9.6 U	19 U	750 U	34 UJ	48 U	16 U
Styrene	6300000	36000000	5.2 U	460 U	4.6 U	5.1 U	430 U	11 UJ	12 UJ	5.3 U
Tetrachloroethene	22000	110000	5.2 U	460 U	4.6 U	5.1 U	430 U	11 UJ	12 UJ	0.69 J
Toluene	5000000	45000000	0.51 J	74 J	4.6 U	5.1 U	430 U	11 UJ	12 UJ	5.3 U
trans-1,2-Dichloroethene	150000	690000	5.2 U	460 U	4.6 U	5.1 U	430 U	11 UJ	12 U	5.3 U
trans-1,3-Dichloropropene	-	-	5.2 U	460 U	4.6 U	5.1 U	430 U	11 UJ	12 UJ	5.3 U
Trichloroethene	910	6400	0.47 J	460 U	4.6 U	5.1 U	430 U	11 UJ	12 U	36
Trichlorofluoromethane (CFC-11)	790000	3400000	5.2 U	460 U	4.6 U	5.1 U	430 U	11 UJ	12 U	5.3 U
Trifluorotrichloroethane (Freon 113)	43000000	180000000	5.2 U	460 U	4.6 U	5.1 U	430 U	11 UJ	12 U	5.3 U
Vinyl chloride	60	1700	5.2 U	460 U	4.6 U	5.1 U	430 U	18 J	12 U	5.3 U

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Xylenes (total)	630000	2700000	10 U	120 J	9.3 U	10 U	870 U	22 UJ	24 UJ	11 U
PCBs										
Aroclor-1016 (PCB-1016)	3900	21000	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	140	540	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	140	540	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	220	740	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	220	740	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	220	740	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	220	740	-	-	-	-	-	-	-	-

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:			*BH90-13*	*BH91-13*	*BH92-13*	*BH92-13*	*BH93-13*
Sample ID:			*S-38443-070813-JL-088*	*S-38443-062713-JC-072*	*S-38443-070913-JC-089*	*S-38443-070913-JC-090*	*S-38443-062813-JC-073*
Sample Date:			*7/8/2013*	*6/27/2013*	*7/9/2013*	*7/9/2013*	*6/28/2013*
Sample Depth:	*USEPA Regional Screening Levels [1V]*		*26.5-28.5 ft BGS*	*23-25 ft BGS*	*18.8-20.8 ft BGS*	*18.8-20.8 ft BGS*	*13-15 ft BGS*
						Duplicate	
Parameter	*Residential Soil*	*Industrial Soil*					
	a	*b*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	8700000	38000000	1500	10 U	4.7 U	4.8 U	8.2 UJ
1,1,2,2-Tetrachloroethane	560	2800	390 U	10 U	4.7 U	4.8 U	R
1,1,2-Trichloroethane	1100	5300	45 J	10 U	4.7 U	4.8 U	8.2 UJ
1,1-Dichloroethane	3300	17000	720	10 U	0.77 J	5.6 J	8.2 UJ
1,1-Dichloroethene	240000	1100000	79 J	10 U	4.7 U	4.8 U	8.2 UJ
1,2,4-Trichlorobenzene	22000	98000	390 U	10 U	4.7 U	4.8 U	R
1,2-Dibromo-3-chloropropane (DBCP)	5.4	69	780 U	21 U	9.4 U	9.5 U	R
1,2-Dibromoethane (Ethylene dibromide)	34	170	390 U	10 U	4.7 U	4.8 U	8.2 UJ
1,2-Dichlorobenzene	1900000	9800000	390 U	10 U	4.7 U	4.8 U	R
1,2-Dichloroethane	430	2200	390 U	10 U	4.7 U	4.8 U	8.2 UJ
1,2-Dichloropropane	940	4700	390 U	10 U	4.7 U	4.8 U	8.2 UJ
1,3-Dichlorobenzene	-	-	390 U	10 U	4.7 U	4.8 U	R
1,4-Dichlorobenzene	2400	12000	390 U	10 U	4.7 U	4.8 U	R
2-Butanone (Methyl ethyl ketone) (MEK)	28000000	200000000	1600 U	3.0 J	19 U	19 U	33 UJ
2-Hexanone	210000	1400000	1600 U	41 U	19 U	19 U	33 UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5300000	53000000	1600 U	41 U	0.52 J	19 U	33 UJ
Acetone	61000000	630000000	1600 U	41 U	19 U	19 U	33 J
Benzene	1100	5400	390 U	10 U	0.69 J	0.49 J	8.2 UJ
Bromodichloromethane	270	1400	390 U	10 U	4.7 U	4.8 U	8.2 UJ
Bromoform	62000	220000	390 U	10 U	4.7 U	4.8 U	8.2 UJ
Bromomethane (Methyl bromide)	7300	32000	390 U	10 U	4.7 U	4.8 U	8.2 UJ
Carbon disulfide	820000	3700000	24 J	10 U	4.7 U	4.8 U	8.2 UJ
Carbon tetrachloride	610	3000	390 U	10 U	4.7 U	4.8 U	8.2 UJ
Chlorobenzene	290000	1400000	750	10 U	0.66 J	15 J	8.2 UJ
Chloroethane	15000000	61000000	390 U	10 U	2.3 J	1.4 J	8.2 UJ
Chloroform (Trichloromethane)	290	1500	390 U	10 U	4.7 U	4.8 U	8.2 UJ
Chloromethane (Methyl chloride)	120000	500000	390 U	10 U	4.7 U	4.8 U	8.2 UJ
cis-1,2-Dichloroethene	160000	2000000	1100	10 U	4.7 U	4.8 U	8.2 UJ
cis-1,3-Dichloropropene	-	-	390 U	10 U	4.7 U	4.8 U	8.2 UJ
Cyclohexane	7000000	29000000	780 U	21 U	0.37 J	0.31 J	16 UJ
Dibromochloromethane	680	3300	390 U	10 U	4.7 U	4.8 U	8.2 UJ
Dichlorodifluoromethane (CFC-12)	94000	400000	R	10 U	4.7 U	4.8 U	8.2 UJ
Ethylbenzene	5400	27000	310 J	10 U	4.7 U	4.8 U	8.2 UJ
Isopropyl benzene	2100000	11000000	57 J	10 U	4.7 U	4.8 U	8.2 UJ
Methyl acetate	78000000	1000000000	300 J	21 U	2.1 J	2.8 J	16 UJ
Methyl cyclohexane	-	-	130 J	21 U	0.39 J	0.35 J	16 UJ
Methyl tert butyl ether (MTBE)	43000	220000	390 U	10 U	4.7 U	4.8 U	8.2 UJ
Methylene chloride	56000	960000	390 U	10 UJ	4.7 U	4.8 U	10 UJ
Styrene	6300000	36000000	390 U	10 U	4.7 U	4.8 U	8.2 UJ
Tetrachloroethene	22000	110000	34 J	10 U	4.7 U	4.8 U	41 J
Toluene	5000000	45000000	150 J	10 U	0.41 J	0.69 J	8.2 UJ
trans-1,2-Dichloroethene	150000	690000	83 J	10 U	4.7 U	4.8 U	8.2 UJ
trans-1,3-Dichloropropene	-	-	390 U	10 U	4.7 U	4.8 U	8.2 UJ
Trichloroethene	910	6400	8400 Jab	10 U	4.7 U	4.8 U	3.9 J
Trichlorofluoromethane (CFC-11)	790000	3400000	390 U	10 U	4.7 U	4.8 U	8.2 UJ
Trifluorotrichloroethane (Freon 113)	43000000	180000000	390 U	10 U	4.7 U	4.8 U	8.2 UJ
Vinyl chloride	60	1700	41 J	10 U	4.7 U	4.8 U	8.2 UJ

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Xylenes (total)	630000	2700000	1300	21 U	9.4 U	9.5 U	16 UJ
PCBs							
Aroclor-1016 (PCB-1016)	3900	21000	-	-	-	-	-
Aroclor-1221 (PCB-1221)	140	540	-	-	-	-	-
Aroclor-1232 (PCB-1232)	140	540	-	-	-	-	-
Aroclor-1242 (PCB-1242)	220	740	-	-	-	-	-
Aroclor-1248 (PCB-1248)	220	740	-	-	-	-	-
Aroclor-1254 (PCB-1254)	220	740	-	-	-	-	-
Aroclor-1260 (PCB-1260)	220	740	-	-	-	-	-

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:		
Sample ID:		
Sample Date:		
Sample Depth:	***USEPA Regional Screening Levels [1]***	
Parameter	***Residential Soil***	***Industrial Soil***
	a	***b***
Volatile Organic Compounds		
1,1,1-Trichloroethane	8700000	38000000
1,1,2,2-Tetrachloroethane	560	2800
1,1,2-Trichloroethane	1100	5300
1,1-Dichloroethane	3300	17000
1,1-Dichloroethene	240000	1100000
1,2,4-Trichlorobenzene	22000	99000
1,2-Dibromo-3-chloropropane (DBCP)	5.4	69
1,2-Dibromoethane (Ethylene dibromide)	34	170
1,2-Dichlorobenzene	1900000	9800000
1,2-Dichloroethane	430	2200
1,2-Dichloropropane	940	4700
1,3-Dichlorobenzene	-	-
1,4-Dichlorobenzene	2400	12000
2-Butanone (Methyl ethyl ketone) (MEK)	28000000	200000000
2-Hexanone	210000	1400000
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5300000	53000000
Acetone	61000000	630000000
Benzene	1100	5400
Bromodichloromethane	270	1400
Bromoform	62000	220000
Bromomethane (Methyl bromide)	7300	32000
Carbon disulfide	820000	3700000
Carbon tetrachloride	610	3000
Chlorobenzene	290000	1400000
Chloroethane	15000000	61000000
Chloroform (Trichloromethane)	290	1500
Chloromethane (Methyl chloride)	120000	500000
cis-1,2-Dichloroethene	160000	2000000
cis-1,3-Dichloropropene	-	-
Cyclohexane	7000000	29000000
Dibromochloromethane	680	3300
Dichlorodifluoromethane (CFC-12)	94000	400000
Ethylbenzene	5400	27000
Isopropyl benzene	2100000	11000000
Methyl acetate	78000000	1000000000
Methyl cyclohexane	-	-
Methyl tert butyl ether (MTBE)	43000	220000
Methylene chloride	56000	960000
Styrene	6300000	36000000
Tetrachloroethene	22000	110000
Toluene	5000000	45000000
trans-1,2-Dichloroethene	150000	690000
trans-1,3-Dichloropropene	-	-
Trichloroethene	910	6400
Trichlorofluoromethane (CFC-11)	790000	3400000
Trifluorotrichloroethane (Freon 113)	43000000	180000000
Vinyl chloride	60	1700

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Xylenes (total)	630000	2700000
PCBs		
Aroclor-1016 (PCB-1016)	3900	21000
Aroclor-1221 (PCB-1221)	140	540
Aroclor-1232 (PCB-1232)	140	540
Aroclor-1242 (PCB-1242)	220	740
Aroclor-1248 (PCB-1248)	220	740
Aroclor-1254 (PCB-1254)	220	740
Aroclor-1260 (PCB-1260)	220	740

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:		
Sample ID:		
Sample Date:		
Sample Depth:	***USEPA Regional Screening Levels [1]***	
Parameter	***Residential Soil***	***Industrial Soil***
	a	***b***
Volatile Organic Compounds		
1,1,1-Trichloroethane	8700000	38000000
1,1,2,2-Tetrachloroethane	560	2800
1,1,2-Trichloroethane	1100	5300
1,1-Dichloroethane	3300	17000
1,1-Dichloroethene	240000	1100000
1,2,4-Trichlorobenzene	22000	99000
1,2-Dibromo-3-chloropropane (DBCP)	5.4	69
1,2-Dibromoethane (Ethylene dibromide)	34	170
1,2-Dichlorobenzene	1900000	9800000
1,2-Dichloroethane	430	2200
1,2-Dichloropropane	940	4700
1,3-Dichlorobenzene	-	-
1,4-Dichlorobenzene	2400	12000
2-Butanone (Methyl ethyl ketone) (MEK)	28000000	200000000
2-Hexanone	210000	1400000
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5300000	53000000
Acetone	61000000	630000000
Benzene	1100	5400
Bromodichloromethane	270	1400
Bromoform	62000	220000
Bromomethane (Methyl bromide)	7300	32000
Carbon disulfide	820000	3700000
Carbon tetrachloride	610	3000
Chlorobenzene	290000	1400000
Chloroethane	15000000	61000000
Chloroform (Trichloromethane)	290	1500
Chloromethane (Methyl chloride)	120000	500000
cis-1,2-Dichloroethene	160000	2000000
cis-1,3-Dichloropropene	-	-
Cyclohexane	7000000	29000000
Dibromochloromethane	680	3300
Dichlorodifluoromethane (CFC-12)	94000	400000
Ethylbenzene	5400	27000
Isopropyl benzene	2100000	11000000
Methyl acetate	78000000	1000000000
Methyl cyclohexane	-	-
Methyl tert butyl ether (MTBE)	43000	220000
Methylene chloride	56000	960000
Styrene	6300000	36000000
Tetrachloroethene	22000	110000
Toluene	5000000	45000000
trans-1,2-Dichloroethene	150000	690000
trans-1,3-Dichloropropene	-	-
Trichloroethene	910	6400
Trichlorofluoromethane (CFC-11)	790000	3400000
Trifluorotrichloroethane (Freon 113)	43000000	180000000
Vinyl chloride	60	1700

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Xylenes (total)	630000	2700000
PCBs		
Aroclor-1016 (PCB-1016)	3900	21000
Aroclor-1221 (PCB-1221)	140	540
Aroclor-1232 (PCB-1232)	140	540
Aroclor-1242 (PCB-1242)	220	740
Aroclor-1248 (PCB-1248)	220	740
Aroclor-1254 (PCB-1254)	220	740
Aroclor-1260 (PCB-1260)	220	740

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:		
Sample ID:		
Sample Date:		
Sample Depth:	***USEPA Regional Screening Levels [1]***	
Parameter	***Residential Soil***	***Industrial Soil***
	a	***b***
Volatile Organic Compounds		
1,1,1-Trichloroethane	8700000	38000000
1,1,2,2-Tetrachloroethane	560	2800
1,1,2-Trichloroethane	1100	5300
1,1-Dichloroethane	3300	17000
1,1-Dichloroethene	240000	1100000
1,2,4-Trichlorobenzene	22000	99000
1,2-Dibromo-3-chloropropane (DBCP)	5.4	69
1,2-Dibromoethane (Ethylene dibromide)	34	170
1,2-Dichlorobenzene	1900000	9800000
1,2-Dichloroethane	430	2200
1,2-Dichloropropane	940	4700
1,3-Dichlorobenzene	-	-
1,4-Dichlorobenzene	2400	12000
2-Butanone (Methyl ethyl ketone) (MEK)	28000000	200000000
2-Hexanone	210000	1400000
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5300000	53000000
Acetone	61000000	630000000
Benzene	1100	5400
Bromodichloromethane	270	1400
Bromoform	62000	220000
Bromomethane (Methyl bromide)	7300	32000
Carbon disulfide	820000	3700000
Carbon tetrachloride	610	3000
Chlorobenzene	290000	1400000
Chloroethane	15000000	61000000
Chloroform (Trichloromethane)	290	1500
Chloromethane (Methyl chloride)	120000	500000
cis-1,2-Dichloroethene	160000	2000000
cis-1,3-Dichloropropene	-	-
Cyclohexane	7000000	29000000
Dibromochloromethane	680	3300
Dichlorodifluoromethane (CFC-12)	94000	400000
Ethylbenzene	5400	27000
Isopropyl benzene	2100000	11000000
Methyl acetate	78000000	1000000000
Methyl cyclohexane	-	-
Methyl tert butyl ether (MTBE)	43000	220000
Methylene chloride	56000	960000
Styrene	6300000	36000000
Tetrachloroethene	22000	110000
Toluene	5000000	45000000
trans-1,2-Dichloroethene	150000	690000
trans-1,3-Dichloropropene	-	-
Trichloroethene	910	6400
Trichlorofluoromethane (CFC-11)	790000	3400000
Trifluorotrichloroethane (Freon 113)	43000000	180000000
Vinyl chloride	60	1700

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Xylenes (total)	630000	2700000
PCBs		
Aroclor-1016 (PCB-1016)	3900	21000
Aroclor-1221 (PCB-1221)	140	540
Aroclor-1232 (PCB-1232)	140	540
Aroclor-1242 (PCB-1242)	220	740
Aroclor-1248 (PCB-1248)	220	740
Aroclor-1254 (PCB-1254)	220	740
Aroclor-1260 (PCB-1260)	220	740

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:		
Sample ID:		
Sample Date:		
Sample Depth:	***USEPA Regional Screening Levels [1]***	
Parameter	***Residential Soil***	***Industrial Soil***
	a	***b***
Volatile Organic Compounds		
1,1,1-Trichloroethane	8700000	38000000
1,1,2,2-Tetrachloroethane	560	2800
1,1,2-Trichloroethane	1100	5300
1,1-Dichloroethane	3300	17000
1,1-Dichloroethene	240000	1100000
1,2,4-Trichlorobenzene	22000	99000
1,2-Dibromo-3-chloropropane (DBCP)	5.4	69
1,2-Dibromoethane (Ethylene dibromide)	34	170
1,2-Dichlorobenzene	1900000	9800000
1,2-Dichloroethane	430	2200
1,2-Dichloropropane	940	4700
1,3-Dichlorobenzene	-	-
1,4-Dichlorobenzene	2400	12000
2-Butanone (Methyl ethyl ketone) (MEK)	28000000	200000000
2-Hexanone	210000	1400000
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5300000	53000000
Acetone	61000000	630000000
Benzene	1100	5400
Bromodichloromethane	270	1400
Bromoform	62000	220000
Bromomethane (Methyl bromide)	7300	32000
Carbon disulfide	820000	3700000
Carbon tetrachloride	610	3000
Chlorobenzene	290000	1400000
Chloroethane	15000000	61000000
Chloroform (Trichloromethane)	290	1500
Chloromethane (Methyl chloride)	120000	500000
cis-1,2-Dichloroethene	160000	2000000
cis-1,3-Dichloropropene	-	-
Cyclohexane	7000000	29000000
Dibromochloromethane	680	3300
Dichlorodifluoromethane (CFC-12)	94000	400000
Ethylbenzene	5400	27000
Isopropyl benzene	2100000	11000000
Methyl acetate	78000000	1000000000
Methyl cyclohexane	-	-
Methyl tert butyl ether (MTBE)	43000	220000
Methylene chloride	56000	960000
Styrene	6300000	36000000
Tetrachloroethene	22000	110000
Toluene	5000000	45000000
trans-1,2-Dichloroethene	150000	690000
trans-1,3-Dichloropropene	-	-
Trichloroethene	910	6400
Trichlorofluoromethane (CFC-11)	790000	3400000
Trifluorotrichloroethane (Freon 113)	43000000	180000000
Vinyl chloride	60	1700

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Xylenes (total)	630000	2700000
PCBs		
Aroclor-1016 (PCB-1016)	3900	21000
Aroclor-1221 (PCB-1221)	140	540
Aroclor-1232 (PCB-1232)	140	540
Aroclor-1242 (PCB-1242)	220	740
Aroclor-1248 (PCB-1248)	220	740
Aroclor-1254 (PCB-1254)	220	740
Aroclor-1260 (PCB-1260)	220	740

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:		
Sample ID:		
Sample Date:		
Sample Depth:	***USEPA Regional Screening Levels [1]***	
Parameter	***Residential Soil***	***Industrial Soil***
	a	***b***
Volatile Organic Compounds		
1,1,1-Trichloroethane	8700000	38000000
1,1,2,2-Tetrachloroethane	560	2800
1,1,2-Trichloroethane	1100	5300
1,1-Dichloroethane	3300	17000
1,1-Dichloroethene	240000	1100000
1,2,4-Trichlorobenzene	22000	99000
1,2-Dibromo-3-chloropropane (DBCP)	5.4	69
1,2-Dibromoethane (Ethylene dibromide)	34	170
1,2-Dichlorobenzene	1900000	9800000
1,2-Dichloroethane	430	2200
1,2-Dichloropropane	940	4700
1,3-Dichlorobenzene	-	-
1,4-Dichlorobenzene	2400	12000
2-Butanone (Methyl ethyl ketone) (MEK)	28000000	200000000
2-Hexanone	210000	1400000
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5300000	53000000
Acetone	61000000	630000000
Benzene	1100	5400
Bromodichloromethane	270	1400
Bromoform	62000	220000
Bromomethane (Methyl bromide)	7300	32000
Carbon disulfide	820000	3700000
Carbon tetrachloride	610	3000
Chlorobenzene	290000	1400000
Chloroethane	15000000	61000000
Chloroform (Trichloromethane)	290	1500
Chloromethane (Methyl chloride)	120000	500000
cis-1,2-Dichloroethene	160000	2000000
cis-1,3-Dichloropropene	-	-
Cyclohexane	7000000	29000000
Dibromochloromethane	680	3300
Dichlorodifluoromethane (CFC-12)	94000	400000
Ethylbenzene	5400	27000
Isopropyl benzene	2100000	11000000
Methyl acetate	78000000	1000000000
Methyl cyclohexane	-	-
Methyl tert butyl ether (MTBE)	43000	220000
Methylene chloride	56000	960000
Styrene	6300000	36000000
Tetrachloroethene	22000	110000
Toluene	5000000	45000000
trans-1,2-Dichloroethene	150000	690000
trans-1,3-Dichloropropene	-	-
Trichloroethene	910	6400
Trichlorofluoromethane (CFC-11)	790000	3400000
Trifluorotrichloroethane (Freon 113)	43000000	180000000
Vinyl chloride	60	1700

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Xylenes (total)	630000	2700000
PCBs		
Aroclor-1016 (PCB-1016)	3900	21000
Aroclor-1221 (PCB-1221)	140	540
Aroclor-1232 (PCB-1232)	140	540
Aroclor-1242 (PCB-1242)	220	740
Aroclor-1248 (PCB-1248)	220	740
Aroclor-1254 (PCB-1254)	220	740
Aroclor-1260 (PCB-1260)	220	740

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:		
Sample ID:		
Sample Date:		
Sample Depth:	***USEPA Regional Screening Levels [1]***	
Parameter	***Residential Soil***	***Industrial Soil***
	a	***b***
Volatile Organic Compounds		
1,1,1-Trichloroethane	8700000	38000000
1,1,2,2-Tetrachloroethane	560	2800
1,1,2-Trichloroethane	1100	5300
1,1-Dichloroethane	3300	17000
1,1-Dichloroethene	240000	1100000
1,2,4-Trichlorobenzene	22000	99000
1,2-Dibromo-3-chloropropane (DBCP)	5.4	69
1,2-Dibromoethane (Ethylene dibromide)	34	170
1,2-Dichlorobenzene	1900000	9800000
1,2-Dichloroethane	430	2200
1,2-Dichloropropane	940	4700
1,3-Dichlorobenzene	-	-
1,4-Dichlorobenzene	2400	12000
2-Butanone (Methyl ethyl ketone) (MEK)	28000000	200000000
2-Hexanone	210000	1400000
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5300000	53000000
Acetone	61000000	630000000
Benzene	1100	5400
Bromodichloromethane	270	1400
Bromoform	62000	220000
Bromomethane (Methyl bromide)	7300	32000
Carbon disulfide	820000	3700000
Carbon tetrachloride	610	3000
Chlorobenzene	290000	1400000
Chloroethane	15000000	61000000
Chloroform (Trichloromethane)	290	1500
Chloromethane (Methyl chloride)	120000	500000
cis-1,2-Dichloroethene	160000	2000000
cis-1,3-Dichloropropene	-	-
Cyclohexane	7000000	29000000
Dibromochloromethane	680	3300
Dichlorodifluoromethane (CFC-12)	94000	400000
Ethylbenzene	5400	27000
Isopropyl benzene	2100000	11000000
Methyl acetate	78000000	1000000000
Methyl cyclohexane	-	-
Methyl tert butyl ether (MTBE)	43000	220000
Methylene chloride	56000	960000
Styrene	6300000	36000000
Tetrachloroethene	22000	110000
Toluene	5000000	45000000
trans-1,2-Dichloroethene	150000	690000
trans-1,3-Dichloropropene	-	-
Trichloroethene	910	6400
Trichlorofluoromethane (CFC-11)	790000	3400000
Trifluorotrichloroethane (Freon 113)	43000000	180000000
Vinyl chloride	60	1700

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Xylenes (total)	630000	2700000
PCBs		
Aroclor-1016 (PCB-1016)	3900	21000
Aroclor-1221 (PCB-1221)	140	540
Aroclor-1232 (PCB-1232)	140	540
Aroclor-1242 (PCB-1242)	220	740
Aroclor-1248 (PCB-1248)	220	740
Aroclor-1254 (PCB-1254)	220	740
Aroclor-1260 (PCB-1260)	220	740

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:		
Sample ID:		
Sample Date:		
Sample Depth:	***USEPA Regional Screening Levels [1]***	
Parameter	***Residential Soil***	***Industrial Soil***
	a	***b***
Volatile Organic Compounds		
1,1,1-Trichloroethane	8700000	38000000
1,1,2,2-Tetrachloroethane	560	2800
1,1,2-Trichloroethane	1100	5300
1,1-Dichloroethane	3300	17000
1,1-Dichloroethene	240000	1100000
1,2,4-Trichlorobenzene	22000	99000
1,2-Dibromo-3-chloropropane (DBCP)	5.4	69
1,2-Dibromoethane (Ethylene dibromide)	34	170
1,2-Dichlorobenzene	1900000	9800000
1,2-Dichloroethane	430	2200
1,2-Dichloropropane	940	4700
1,3-Dichlorobenzene	-	-
1,4-Dichlorobenzene	2400	12000
2-Butanone (Methyl ethyl ketone) (MEK)	28000000	200000000
2-Hexanone	210000	1400000
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5300000	53000000
Acetone	61000000	630000000
Benzene	1100	5400
Bromodichloromethane	270	1400
Bromoform	62000	220000
Bromomethane (Methyl bromide)	7300	32000
Carbon disulfide	820000	3700000
Carbon tetrachloride	610	3000
Chlorobenzene	290000	1400000
Chloroethane	15000000	61000000
Chloroform (Trichloromethane)	290	1500
Chloromethane (Methyl chloride)	120000	500000
cis-1,2-Dichloroethene	160000	2000000
cis-1,3-Dichloropropene	-	-
Cyclohexane	7000000	29000000
Dibromochloromethane	680	3300
Dichlorodifluoromethane (CFC-12)	94000	400000
Ethylbenzene	5400	27000
Isopropyl benzene	2100000	11000000
Methyl acetate	78000000	1000000000
Methyl cyclohexane	-	-
Methyl tert butyl ether (MTBE)	43000	220000
Methylene chloride	56000	960000
Styrene	6300000	36000000
Tetrachloroethene	22000	110000
Toluene	5000000	45000000
trans-1,2-Dichloroethene	150000	690000
trans-1,3-Dichloropropene	-	-
Trichloroethene	910	6400
Trichlorofluoromethane (CFC-11)	790000	3400000
Trifluorotrichloroethane (Freon 113)	43000000	180000000
Vinyl chloride	60	1700

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Xylenes (total)	630000	2700000
PCBs		
Aroclor-1016 (PCB-1016)	3900	21000
Aroclor-1221 (PCB-1221)	140	540
Aroclor-1232 (PCB-1232)	140	540
Aroclor-1242 (PCB-1242)	220	740
Aroclor-1248 (PCB-1248)	220	740
Aroclor-1254 (PCB-1254)	220	740
Aroclor-1260 (PCB-1260)	220	740

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:		
Sample ID:		
Sample Date:		
Sample Depth:	***USEPA Regional Screening Levels [1]***	
Parameter	***Residential Soil***	***Industrial Soil***
	a	***b***
Volatile Organic Compounds		
1,1,1-Trichloroethane	8700000	38000000
1,1,2,2-Tetrachloroethane	560	2800
1,1,2-Trichloroethane	1100	5300
1,1-Dichloroethane	3300	17000
1,1-Dichloroethene	240000	1100000
1,2,4-Trichlorobenzene	22000	99000
1,2-Dibromo-3-chloropropane (DBCP)	5.4	69
1,2-Dibromoethane (Ethylene dibromide)	34	170
1,2-Dichlorobenzene	1900000	9800000
1,2-Dichloroethane	430	2200
1,2-Dichloropropane	940	4700
1,3-Dichlorobenzene	-	-
1,4-Dichlorobenzene	2400	12000
2-Butanone (Methyl ethyl ketone) (MEK)	28000000	200000000
2-Hexanone	210000	1400000
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5300000	53000000
Acetone	61000000	630000000
Benzene	1100	5400
Bromodichloromethane	270	1400
Bromoform	62000	220000
Bromomethane (Methyl bromide)	7300	32000
Carbon disulfide	820000	3700000
Carbon tetrachloride	610	3000
Chlorobenzene	290000	1400000
Chloroethane	15000000	61000000
Chloroform (Trichloromethane)	290	1500
Chloromethane (Methyl chloride)	120000	500000
cis-1,2-Dichloroethene	160000	2000000
cis-1,3-Dichloropropene	-	-
Cyclohexane	7000000	29000000
Dibromochloromethane	680	3300
Dichlorodifluoromethane (CFC-12)	94000	400000
Ethylbenzene	5400	27000
Isopropyl benzene	2100000	11000000
Methyl acetate	78000000	1000000000
Methyl cyclohexane	-	-
Methyl tert butyl ether (MTBE)	43000	220000
Methylene chloride	56000	960000
Styrene	6300000	36000000
Tetrachloroethene	22000	110000
Toluene	5000000	45000000
trans-1,2-Dichloroethene	150000	690000
trans-1,3-Dichloropropene	-	-
Trichloroethene	910	6400
Trichlorofluoromethane (CFC-11)	790000	3400000
Trifluorotrichloroethane (Freon 113)	43000000	180000000
Vinyl chloride	60	1700

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Xylenes (total)	630000	2700000
PCBs		
Aroclor-1016 (PCB-1016)	3900	21000
Aroclor-1221 (PCB-1221)	140	540
Aroclor-1232 (PCB-1232)	140	540
Aroclor-1242 (PCB-1242)	220	740
Aroclor-1248 (PCB-1248)	220	740
Aroclor-1254 (PCB-1254)	220	740
Aroclor-1260 (PCB-1260)	220	740

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:		
Sample ID:		
Sample Date:		
Sample Depth:	***USEPA Regional Screening Levels [1]***	
Parameter	***Residential Soil***	***Industrial Soil***
	a	***b***
Volatile Organic Compounds		
1,1,1-Trichloroethane	8700000	38000000
1,1,2,2-Tetrachloroethane	560	2800
1,1,2-Trichloroethane	1100	5300
1,1-Dichloroethane	3300	17000
1,1-Dichloroethene	240000	1100000
1,2,4-Trichlorobenzene	22000	99000
1,2-Dibromo-3-chloropropane (DBCP)	5.4	69
1,2-Dibromoethane (Ethylene dibromide)	34	170
1,2-Dichlorobenzene	1900000	9800000
1,2-Dichloroethane	430	2200
1,2-Dichloropropane	940	4700
1,3-Dichlorobenzene	-	-
1,4-Dichlorobenzene	2400	12000
2-Butanone (Methyl ethyl ketone) (MEK)	28000000	200000000
2-Hexanone	210000	1400000
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	5300000	53000000
Acetone	61000000	630000000
Benzene	1100	5400
Bromodichloromethane	270	1400
Bromoform	62000	220000
Bromomethane (Methyl bromide)	7300	32000
Carbon disulfide	820000	3700000
Carbon tetrachloride	610	3000
Chlorobenzene	290000	1400000
Chloroethane	15000000	61000000
Chloroform (Trichloromethane)	290	1500
Chloromethane (Methyl chloride)	120000	500000
cis-1,2-Dichloroethene	160000	2000000
cis-1,3-Dichloropropene	-	-
Cyclohexane	7000000	29000000
Dibromochloromethane	680	3300
Dichlorodifluoromethane (CFC-12)	94000	400000
Ethylbenzene	5400	27000
Isopropyl benzene	2100000	11000000
Methyl acetate	78000000	1000000000
Methyl cyclohexane	-	-
Methyl tert butyl ether (MTBE)	43000	220000
Methylene chloride	56000	960000
Styrene	6300000	36000000
Tetrachloroethene	22000	110000
Toluene	5000000	45000000
trans-1,2-Dichloroethene	150000	690000
trans-1,3-Dichloropropene	-	-
Trichloroethene	910	6400
Trichlorofluoromethane (CFC-11)	790000	3400000
Trifluorotrichloroethane (Freon 113)	43000000	180000000
Vinyl chloride	60	1700

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Xylenes (total)	630000	2700000
PCBs		
Aroclor-1016 (PCB-1016)	3900	21000
Aroclor-1221 (PCB-1221)	140	540
Aroclor-1232 (PCB-1232)	140	540
Aroclor-1242 (PCB-1242)	220	740
Aroclor-1248 (PCB-1248)	220	740
Aroclor-1254 (PCB-1254)	220	740
Aroclor-1260 (PCB-1260)	220	740

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 3

SUMMARY OF OU1 PHASE 1A SOIL RESULTS COMPARED TO USEPA RSLs
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Notes:

All concentrations are expressed in units of micrograms per kilogram (µg/kg) unless otherwise noted.

[1] - United States Environmental Protection Agency Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites, May 2013

- - Not applicable.

J - The parameter was positively identified; however, the associated parameter concentration is estimated.

R - Rejected.

NJ - The compound was tentatively identified. The associated parameter concentration is estimated.

U - The parameter was not detected. The associated numerical value is the sample quantitation limit.

UJ - The parameter was not detected. The associated numerical value is the estimated sample quantitation limit.

- Concentration was greater than applicable criteria.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:		***TT-29***	***TT-29***
Sample ID:		***W-38443-062013-GL-001***	***W-38443-062013-GL-002***
Sample Date:		***6/20/2013***	***6/20/2013***
Parameter	***Units***		
TCLP Volatiles			
1,1-Dichloroethene	mg/L	0.025 U	0.025 U
1,2-Dichloroethane	mg/L	0.025 U	0.025 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.25 U	0.25 U
Benzene	mg/L	0.025 U	0.025 U
Carbon tetrachloride	mg/L	0.025 U	0.025 U
Chlorobenzene	mg/L	0.025 U	0.025 U
Chloroform (Trichloromethane)	mg/L	0.025 U	0.025 U
Tetrachloroethene	mg/L	0.025 U	0.025 U
Trichloroethene	mg/L	0.025 U	0.025 U
Vinyl chloride	mg/L	0.025 U	0.025 U
TCLP Semi-Volatiles			
1,4-Dichlorobenzene	mg/L	0.0040 U	0.0040 U
2,4,5-Trichlorophenol	mg/L	0.020 U	0.020 U
2,4,6-Trichlorophenol	mg/L	0.020 U	0.020 U
2,4-Dinitrotoluene	mg/L	0.020 U	0.020 U
2-Methylphenol	mg/L	0.0040 U	0.0040 U
3&4-Methylphenol	mg/L	0.040 U	0.040 U
Hexachlorobenzene	mg/L	0.020 U	0.020 U
Hexachlorobutadiene	mg/L	0.020 U	0.020 U
Hexachloroethane	mg/L	0.020 U	0.020 U
Nitrobenzene	mg/L	0.0040 U	0.0040 U
Pentachlorophenol	mg/L	0.040 U	0.040 U
Pyridine	mg/L	0.020 U	0.020 U
TCLP Metals			
Arsenic	mg/L	0.0064 JB	0.0045 JB
Barium	mg/L	0.13 JB	0.22 JB
Cadmium	mg/L	0.00069 J	0.0027 J
Chromium	mg/L	0.0061 J	0.0091 J
Lead	mg/L	0.011 J	0.035 J
Mercury	mg/L	0.0020 U	0.0020 U
Selenium	mg/L	0.25 U	0.25 U
Silver	mg/L	0.50 U	0.50 U
PCBs			
Aroclor-1016 (PCB-1016)	ug/kg	36 U	39 U
Aroclor-1221 (PCB-1221)	ug/kg	36 U	39 U
Aroclor-1232 (PCB-1232)	ug/kg	36 U	39 U
Aroclor-1242 (PCB-1242)	ug/kg	36 U	39 U
Aroclor-1248 (PCB-1248)	ug/kg	37	33 J
Aroclor-1254 (PCB-1254)	ug/kg	36 U	39 U
Aroclor-1260 (PCB-1260)	ug/kg	36 U	39 U

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides		***TCLP Pesticides***			
Chlordane	mg/L	Chlordane	mg/L	0.0050 U	0.0050 U
Endrin	mg/L	Endrin	mg/L	0.00050 U	0.00050 U
gamma-BHC (lindane)	mg/L	gamma-BHC (lindane)	mg/L	0.00050 U*	0.00018 J*
Heptachlor	mg/L	Heptachlor	mg/L	0.00050 U	0.00050 U
Heptachlor epoxide	mg/L	Heptachlor epoxide	mg/L	0.00050 U	0.00050 U
Methoxychlor	mg/L	Methoxychlor	mg/L	0.0010 U	0.0010 U
Toxaphene	mg/L	Toxaphene	mg/L	0.020 U	0.020 U
TCLP Herbicides		***TCLP Herbicides***			
2,4,5-TP (Silvex)	mg/L	2,4,5-TP (Silvex)	mg/L	0.00050 U	0.00050 U
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L	2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L	0.0020 U	0.0020 U
General Chemistry		***General Chemistry***			
Corrosivity	s.u.	Corrosivity	s.u.	7.50	8.35
Cyanide (total)	mg/kg	Cyanide (total)	mg/kg	0.53 U	0.60 U
Flash point (closed cup)	deg F	Flash point (closed cup)	deg F	180 >	180 >
Sulfide	mg/kg	Sulfide	mg/kg	33 U	36 U

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:

Sample ID:

Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:

Sample ID:

Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:

Sample ID:

Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:

Sample ID:

Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:

Sample ID:

Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:
Sample ID:
Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:

Sample ID:

Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:

Sample ID:

Sample Date:

Parameter	***Units***
TCLP Volatiles	
1,1-Dichloroethene	mg/L
1,2-Dichloroethane	mg/L
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L
Benzene	mg/L
Carbon tetrachloride	mg/L
Chlorobenzene	mg/L
Chloroform (Trichloromethane)	mg/L
Tetrachloroethene	mg/L
Trichloroethene	mg/L
Vinyl chloride	mg/L
TCLP Semi-Volatiles	
1,4-Dichlorobenzene	mg/L
2,4,5-Trichlorophenol	mg/L
2,4,6-Trichlorophenol	mg/L
2,4-Dinitrotoluene	mg/L
2-Methylphenol	mg/L
3&4-Methylphenol	mg/L
Hexachlorobenzene	mg/L
Hexachlorobutadiene	mg/L
Hexachloroethane	mg/L
Nitrobenzene	mg/L
Pentachlorophenol	mg/L
Pyridine	mg/L
TCLP Metals	
Arsenic	mg/L
Barium	mg/L
Cadmium	mg/L
Chromium	mg/L
Lead	mg/L
Mercury	mg/L
Selenium	mg/L
Silver	mg/L
PCBs	
Aroclor-1016 (PCB-1016)	ug/kg
Aroclor-1221 (PCB-1221)	ug/kg
Aroclor-1232 (PCB-1232)	ug/kg
Aroclor-1242 (PCB-1242)	ug/kg
Aroclor-1248 (PCB-1248)	ug/kg
Aroclor-1254 (PCB-1254)	ug/kg
Aroclor-1260 (PCB-1260)	ug/kg

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

TCLP Pesticides	
Chlordane	mg/L
Endrin	mg/L
gamma-BHC (lindane)	mg/L
Heptachlor	mg/L
Heptachlor epoxide	mg/L
Methoxychlor	mg/L
Toxaphene	mg/L
TCLP Herbicides	
2,4,5-TP (Silvex)	mg/L
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L
General Chemistry	
Corrosivity	s.u.
Cyanide (total)	mg/kg
Flash point (closed cup)	deg F
Sulfide	mg/kg

Notes:

* - LCS or LCSD exceeds the control limits.
> - Greater than amount reported.

B - Compound was found in the blank and sample.
J - Estimated concentration.

U - Not detected at the associated reporting limit.

TABLE 4

SUMMARY OF OU1 PHASE 1A WASTE CHARACTERIZATION ANALYTICAL RESULTS
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO