SW
Soil Analytical Data
Samples Collected April and May 2018
Frank J. Doyle
EPA Region 6

| | | | | Aroclors | | | | | | Metals | | | | | |

SW
Soil Analytical Data
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| | | | | Arsenic | | | | Metals | | | |

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| | | | | | Aroclors | | | | | | | | Metals | | | | | | | |

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| | | | | Areolers | | | | SVOCs | | | |

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| | | | | | Aroclors | | | | | | | SVOCs | | | | | | |

Site Concentrations

	Site	OffSite
PCBs	175	95.1
Arsenic	68.2	59.1
Cobalt	30.9	23.6
Copper	21800	6740
Lead	1480	402
Manganese	4490	3290
Benzo(a) anthracene	< RSL	9.8
Benzo(a)pyrene	0.13	13.3
Benzo(b)fluoranthene	< RSL	16.5
Dibenzo(a,h)anthracene	< RSL	2.97
Indeno(1,2,3-cd)pyrene	< RSL	15.2

| | | Analyte | | | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Total PCBs | Aluminum | Antimony | Arsenic | Barium | Beryllium | Cadmium | Calcium | Chromium | Cobalt | Copper | Iron | Lead | Magnesium | Manganese | Mercury | Nickel | Potassium | Selenium | Silver | Sodium | Thallium | Vanadium | Zinc | 2,3,4,5-Tetrachlorotoluene | 3-Methylnaphthalene | 2,3,4,6-Tetrachlorophenol | 2,4,5-Trichlorophenol | 2,4,6-Trichlorophenol | 2,4-Dichlorophenol | 2,4-Dimethylphenol | 2,4-Dinitrophenol | 2,4-Dinitrotoluene | 2,6-Dinitrotoluene | 2-Chloronaphthalene | 2-Chlorophenol | 2-Methylnaphthalene | 2-Nitroaniline | 2-Nitrophenol | 3,3'-Dichlorobenzidine | 3-Methylcholanthrene | 3-Nitroaniline | 4,6-Dinitro-2-methylphenol | 4-Bromophenyl-phenyl ether | 4-Chloro-3-methylphenol | 4-Chloroaniline | 4-Chlorophenyl-phenyl ether | 4-Nitroaniline | 4-Nitrophenol | Acenaphthene | Acenaphthylene | Anthracene | Benzo(a)pyrene | Benzo(b)fluoranthene | Benzo(g,h,i)perylene | Benzo(k)fluoranthene | Benzoic Acid | Benzyl alcohol | Bis(2-Chloroethoxy)methane | Bis(2-Chloroethyl)ether | Bis(2-Chloroisopropyl)ether | Bis(2-Ethylhexyl)phthalate | Butylbenzylphthalate | Carbazole | Carbonate | Chrysene | Dibenzo(a,h)anthracene | Dibenzofuran | Diethyl phthalate | Dimethyl phthalate | Di-n-butyl phthalate | Di-n-octyl phthalate | Fluoranthene | Fluorene | Hexachlorobenzene | Hexachlorobutadiene | Hexachlorocyclopentadiene | Hexachloroethane | Indeno(1,2,3-cd)pyrene | Isophorone | m,p-Cresol | Naphthalene | Nitrobenzene | N-Nitrosodi-n-propylamine | N-Nitrosodiphenylamine | o-Cresol | Pentachlorophenol | Phenanthrene | Phenol | Pyrene |
|---|---|---

Arsenic (FJD01)	Arsenic (FJD05)	Arochlor 1260 (FJD01)	Arochlor (FJD05)	Cobalt (FJD01)	Cobalt (FJD05)	Copper (FJD01)	Copper (FJD05)	Lead (FJD01)	Lead (FJD05)	Manganese (FJD01)	Manganese (FJD05)	Benzo(a)anthracene (FJD01)	Benzo(a)anthracene (FJD05)	Benzo(a)pyrene (FJD01)	Benzo(a)pyrene (FJD05)	Benzo(b)fluoranthene (FJD01)	Benzo(b)fluoranthene (FJD05)	DiBenzo(a,h)anthracene (FJD01)	DiBenzo(a,h)anthracene (FJD05)	Indeno(1,2,3-cd)pyrene (FJD01)	Indeno(1,2,3-cd)pyrene (FJD05)
6.66	10.3	0.00687 U	0.42	8.98	3.9	18.1	11.6	152	95.5	1220	885	0.02 JQ	0.05 JQ	0.01 U	0.06 JQ	0.01 U	0.08 JQ	0.02 U	0.02 U	0.01 U	0.05 JQ
6.21	29	0.0066 U	0.00642 U	8.64	5.09	21	8.12 JK	96.8	30.4 JK	1470	1300	0.02 JQ	0.02 JQ	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	0.01 U	0.01 U
2.4	21.2	0.00656 U	0.00655 U	6.01	3.3	5.36	5.37	13.9	16.4	1250	902	0.0086 U	0.00854 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	0.01 U	0.01 U
7.19	12.1	0.00677 U	0.00599 U	10.4	3.9	22.5	20.9 JK	132	46.3	1670	964 JK	0.02 JQ	0.03 JQ	0.01 U	0.1 JQ	0.01 U	0.06 JQ	0.02 U	0.02 U	0.01 U	0.03 JQ
7.72	19.7	0.00671 U	0.00657 U	11.3	5.5	19.1	11.7 JK	79	43.5 JK	1840	1200	0.00875 U	0.02 JQ	0.01 U	0.02 JQ	0.01 U	0.04 JQ	0.02 UJL	0.02 U	0.01 U	0.01 U
2.34	20.2	0.0066 U	0.00646 U	5.15	5.68	4.73	9.68	10	20.9	1450	1140	0.00837 U	0.00841 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	0.01 U	0.01 U
6.46	6.1	0.03 U	0.1 JK	10.1	6.34	19.4	30.9	280	48.9	1120	1240	0.03 JQ	0.08 U	0.01 U	0.11 U	0.04 JQ	0.14 U	0.02 U	0.2 U	0.03 JQ	0.15 U
5.26	12	0.00686 U	0.00665 U	9.07	6.51	13.8	25.3 JK	130	48.5 JK	1050	1600	0.02 JQ	0.03 JQ	0.01 U	0.04 JQ	0.01 U	0.08 JQ	0.02 U	0.02 U	0.01 U	0.01 JQ
5.62	17	0.00657 U	0.00643 U	10.9	4.73	13.2	16.9	72.6	48.6	1600	1140	0.00862 U	0.00855 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	0.01 U	0.01 U
11.1	6.68	0.03 U	0.15	11.2	9.34	41	45.8	346	43	1510	1470	0.02 JQ	0.04 JQ	0.01 U	0.04 JQ	0.01 U	0.01 U	0.02 U	0.02 U	0.01 U	0.02 JQ
9.4	6.94	0.00679 U	0.03 JQ	9.01	9.69	49.1	36	197	42.6	1510	1730	0.02 JQ	0.00905 U	0.01 JQ	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	0.01 JQ	0.01 U
6.04	6.15	0.00672 U	0.00669 U	7.55	14.5	19.5	28.9	85.9	29.8	1260	2160	0.00876 U	0.00884 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	0.01 U	0.01 U
6.56	5.55	0.03 U	0.02 U	10	3.85	27.2	9.55	194	341	1640	745	0.05 JQ	0.05 JQ	0.01 U	0.1 JQ	0.01 U	0.08 JQ	0.02 U	0.01 U	0.06 JQ	0.05 JQ
11.5	8.53	0.03 U	0.00615 U	10.2	5.31	31.6	8.37 JK	195	71.7 JK	1720	1070	0.02 JQ	0.00791 U	0.01 JQ	0.01 U	0.02 JQ	0.01 U	0.02 U	0.02 U	0.02 JQ	0.01 U
4.45	4.45	0.0067 U	0.00632 U	8.6	3.27	31.6	4.61 JK	53	51.1 JK	1280	1010	0.00861 U	0.04 JQ	0.01 U	0.04 JQ	0.01 U	0.05 JQ	0.02 U	0.02 U	0.01 U	0.02 JQ
6.52	9.83	0.03 U	0.00576 U	6.25	4.87	29.7	17.1 JK	300	90.8	676	728	0.05 JQ	0.05 JQ	0.01 U	0.01 U	0.06 JQ	0.01 U	0.02 U	0.01 U	0.04 JQ	0.01 U
8.23	6.62	0.00665 U	0.00576 U	7.4	3.37	22.7	10.1 JK	164	63.6	1050	684	0.02 JQ	0.04 JQ	0.01 U	0.01 U	0.01 U	0.05 JQ	0.02 U	0.01 U	0.01 U	0.03 JQ
5.73	18.4	0.00656 U	0.00619 U	7.66	5.63	9.43	14.4 JK	28.6	84.8 JK	1260	1170	0.00878 U	0.05 JQ	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	0.01 U	0.01 U
7.66	9.32	0.00674 U	0.00635 U	8.88	5.54	28.4	13.9	92.6	77.2	1200	1200	0.69	0.00828 U	0.44	0.01 U	1.1	0.01 U	0.12 JQ	0.02 U	0.5	0.01 U
7.56	7.17	0.00657 U	0.00588 U	10.2	4.74	19.8	18.1	54.2	58.4	1500	1040	0.02 JQ	0.04 JQ	0.03 JQ	0.04 JQ	0.06 JQ	0.06 JQ	0.02 U	0.01 U	0.06 JQ	0.02 JQ
5.15	10.2	0.00675 U	0.00658 U	9.68	6.38	9.65	15.8	53.1	71.9	1580	1120	0.00874 U	0.00847 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	0.01 U	0.01 U
7.01	14.1	0.04 U	0.00658 U	6.51	6.37	45.7	56.6	134	72.3	599	1210	0.01 U	0.00852 U	0.01 U	0.01 U	0.02 U	0.01 U	0.03 U	0.02 U	0.02 U	0.01 U
4.38	8.7	0.03 U	0.00592 U	9.24	14.5	11	27.2	20.7	56	1310	1780	0.01 U	0.02 JQ	0.01 U	0.03 JQ	0.01 U	0.01 U	0.02 U	0.01 U	0.01 U	0.01 JQ
3.82	6.8	0.03 U	0.00705 U	7.58	8.15	7.97	15.7 JK	13.8	41.1 JK	1220	1440	0.0089 U	0.04 JQ	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	0.01 U	0.01 U
18.2	5.69	0.03 U	0.00666 U	10.3	12.3	87.6	11.5	407	25	1340	1440	0.03 JQ	0.00868 U	0.01 U	0.01 U	0.06 JQ	0.01 U	0.02 U	0.02 U	0.04 JQ	0.01 U
12.9	12.7	0.00678 U	0.02 U	8.3	5.47 JK	42.8	12.5 JK	86.7	235 JK	1350	1020	0.01 JQ	0.09 JQ	0.01 U	0.13 JQ	0.01 JQ	0.22 JQ	0.02 U	0.01 U	0.01 U	0.06 JQ
4.91	15.4	0.00688 U	0.00577 U	7.68	9.14 JK	8.87	26.9 JK	12.7	273	1190	1300 JK	0.00891 U	0.22 JQ	0.01 U	0.14 JQ	0.01 U	0.35	0.02 U	0.05 JQ	0.01 U	0.25 JQ
7.073333333	6.65		0.03 U	8.77	4.96	24.47444444	8.21 JK	126.096296	134 JK	1328.333333	1170		0.17 JQ		0.2 JQ		0.29 JQ		0.03 JQ		0.09 JQ
11.5	7.71	Undetect	0.00645 U		5.7		11.5 JK		109 JK		1200		0.1 JQ		0.12 JQ		0.18 JQ		0.02 U		0.06 JQ
	14.8		0.00631 U		7.05		9.56		169 JK		1130		0.08 U		0.11 U		0.14 U		0.2 U		0.15 U
	5.39		0.0065 U		5.79		8.17 JK		41.4 JK		1490		0.07 JQ		0.01 U		0.01 U		0.02 U		0.01 U
	9.68		0.00574 U		4.93		10.5 JK		94.5		754 JK		0.03 JQ		0.01 U		0.01 U		0.01 U		0.01 U
	6.32		0.12		6.57		9.84		106		1200		0.05 JQ		0.06 JQ		0.08 JQ		0.02 U		0.02 JQ
	4.57		0.00651 U		6.16		7.95		82.7		1120		0.00849 U		0.01 U		0.01 U		0.02 U		0.01 U
	6.76		0.00579 U		6.4		10.7		61.9		849		0.04 JQ		0.04 JQ		0.05 JQ		0.01 U		0.02 JQ
	33		0.00658 U		9.02		82.7		369		1240		0.00858 U		0.01 U		0.01 U		0.02 U		0.01 U
	11.2		0.007 U		9.04		11		49.5		1370		0.00912 U		0.01 U		0.01 U		0.02 U		0.01 U
	8.88		0.00597 U		10.9 JK		18.9 JK		46.7 JK		1500		0.06 JQ		0.07 JQ		0.11 JQ		0.02 U		0.03 JQ
	6.3		0.00678 U		18.7		13.9		26.7		1770		0.02 JQ		0.01 U		0.01 U		0.02 U		0.01 U
	10		0.00714 U		16.9		18.1		45.9		1890		0.02 JQ		0.01 U		0.02 JQ		0.02 U		0.01 U
	11.05225		0.164		6.5995		12.53875		58.935		1158.825										
	33																				