Table 3.11-3
Soils Data Summary - Drum Storage Area (DSA)
Former York Naval Ordnance Plant - York, PA

Location/ID Depth (ft.) Sample Date Parameter	MSC Soil to GW Used Aquifer (mg/kg)	MSC Direct Contact 0 - 2 ft (mg/kg)	MSC Direct Contact 2 - 15 ft (mg/kg)	EPA RSL Industrial Soil (mg/kg)	DSA-SB-001 6 - 8 5/7/2007	DSA-SB-001 10 - 12 5/7/2007	DSA-SB-001 15 - 17 5/7/2007	DSA-SB-002 2 - 4 5/7/2007	DSA-SB-002 9 - 11 5/7/2007	DSA-SB-002 13 - 15 5/7/2007	DSA-SB-003 1 - 3 5/9/2007	DSA-SB-003 4 - 6 5/9/2007	DSA-SB-003 10 - 12 5/9/2007	DSA-SB-004 2 - 4 5/7/2007
Cyanide, Free														
Cyanide, Free	200	56000	190000	20000	0.58 U	0.58 U	0.59 U	0.57 U	0.58 U	0.65 U	0.57 U	0.54 U	0.58 U	0.58 U
Cyanide, Total														
Cyanide, Total	200	56000	190000	20000	0.58 U	0.19 B	0.59 U	0.57 U	0.58 U	0.65 U	0.57 U	0.54 U	0.58 U	0.58 U
Hexavalent Chromium														
Hexavalent Chromium	190	420	190000	200	0.47 U	0.47 U	0.54	0.45 U	0.45 U	0.52 U	0.46 U	1.4	0.45 U	0.47 U
Mercury														
Mercury	10	840	190000	24	0.025 B	0.051	0.026 B	0.037 B	0.0095 B	0.017 B	0.036 B	0.03 B	0.02 B	0.022 B
Metal														
Antimony	27	1100	190000	410	1.2 U	1.2 U	1.2 U	1.1 U	0.2 B J	1.3 U	1.1 U	1.1 U	1.2 U	1.2 U
Arsenic	150	53	190000	1.6	6.2	5.9	7.5	15.9	1.6	2.7	1.9	5.1	0.96 B	3.3
Barium	8200	190000	190000	190000	67.2	57.8	55.7	45.1	54.1	46.1	43.6	44.2	37.5	69.3
Beryllium	320	5600	190000	2000	0.88 J	0.74 J	0.7 J	0.8 J	0.48 J	0.85 J	0.36 B	0.63	0.24 B	1.2 J
Cadmium	38	210	190000	800	2.9 U	2.9 U	2.9 U	5.7 U	0.58 U	1.3 U	0.57 U	0.54 U	0.58 U	2.9 U
Chromium				1400	14.9	12.8	17.1	9.9	5.4	8.3	7.1	11.1	2.4	14.3
Copper	36000	100000	190000	41000	9.6	9.4	9.6	11.1	5.5	2.8 B	2.9	7.7	0.78 B	11.2
Lead	450	1000	190000	800	7.5	6.6	7	7.1	6	10.7	8.2	9.5	7.6	8.8
Nickel	650	56000	190000	20000	8	5.5	6.3	5.3	2.3 B	4.5 B	2.1 B	2 B	1.9 B	9.2
Selenium	26	14000	190000	5100	1.2	2.5	1.5	2.2	0.39 B	1.1	0.57 U	0.54 U	0.58 U	1.3
Silver	84	14000	190000	5100	0.58 U	0.58 U	0.59 U	0.57 U	0.58 U	0.65 U	0.57 U	0.54 U	0.58 U	0.58 U
Thallium	14	200	190000	66	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.1 U	1.1 U	1.2 U	1.2 U
Vanadium	72000	20000	190000	7200	17	16.3	13.7	13	17.9	16.6	15.5	15	8	26.1
Zinc	12000	190000	190000	310000	17.2 J	10.7 J	9 J	8 J	5.3 J	9.9 J	5 J	4.7 J	4.6 J	21.4 J
Semi Volatile Organic Compound														
1,2,4-Trichlorobenzene	27	10000	10000	400	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
1,2-Dichlorobenzene	60	10000	10000	10000	0.38 U	0.39 U	0.39 U	0.018 J	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
1,3-Dichlorobenzene	61	10000	10000		0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
1,4-Dichlorobenzene	10	3300	190000	13	0.012 J	0.012 J	0.012 J	0.38 U	0.011 J	0.012 J	0.38 U	0.36 U	0.38 U	0.014 J
2,4,5-Trichlorophenol	6100	190000	190000	62000	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
2,4,6-Trichlorophenol	8.9	840	190000	160	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
2,4-Dichlorophenol	2	8400	190000	1800	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
2,4-Dimethylphenol	200	10000	10000	12000	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
2,4-Dinitrophenol	4.1	5600	190000	1200	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U	2.1 U	1.8 U	1.7 U	1.8 U	1.9 U
2,4-Dinitrotoluene	0.84	260	190000	5.5	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
2,6-Dinitrotoluene	10	2800	190000	620	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
2-Chloronaphthalene	18000	190000	190000	82000	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
2-Chlorophenol	4.4	920	1100	5100	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
2-Methylnaphthalene	8000	10000	10000	4100	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
2-Methylphenol	510	10000	10000	31000	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
2-Nitroaniline	0.58	160	190000	1800	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U	2.1 U	1.8 U	1.7 U	1.8 U	1.9 U
2-Nitrophenol	82	22000	190000		0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
3,3'-Dichlorobenzidine	32	180	190000	3.8	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U	2.1 U	1.8 U	1.7 U	1.8 U	1.9 U
3/4-Methylphenol				5100	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
3-Nitroaniline	0.58	160	190000		1.9 U	1.9 U	1.9 U	1.8 U	1.9 U	2.1 U	1.8 U	1.7 U	1.8 U	1.9 U
4,6-Dinitro-2-Methylphenol				62	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U	2.1 U	1.8 U	1.7 U	1.8 U	1.9 U
4-Bromophenyl phenyl ether					0.38 U	0.39 U	0.39 U	0.092 J	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
4-Chloro-3-Methyl-Phenol	110	14000	190000		0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
4-Chloroaniline	52	11000	190000	8.6	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
4-Chlorodiphenyl Ether					0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
4-Nitroaniline	0.58	160	190000	86	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U	2.1 U	1.8 U	1.7 U	1.8 U	1.9 U
4-Nitrophenol	6	22000	190000		1.9 U	1.9 U	1.9 U	1.8 U	1.9 U	2.1 U	1.8 U	1.7 U	1.8 U	1.9 U

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. * = excavated location.

Table 3.11-3
Soils Data Summary - Drum Storage Area (DSA)
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Location/ID Depth (ft.) Sample Date Parameter	MSC Soil to GW Used Aquifer (mg/kg)	MSC Direct Contact 0 - 2 ft (mg/kg)	MSC Direct Contact 2 - 15 ft (mg/kg)	EPA RSL Industrial Soil (mg/kg)	DSA-SB-001 6 - 8 5/7/2007	DSA-SB-001 10 - 12 5/7/2007	DSA-SB-001 15 - 17 5/7/2007	DSA-SB-002 2 - 4 5/7/2007	DSA-SB-002 9 - 11 5/7/2007	DSA-SB-002 13 - 15 5/7/2007	DSA-SB-003 1 - 3 5/9/2007	DSA-SB-003 4 - 6 5/9/2007	DSA-SB-003 10 - 12 5/9/2007	DSA-SB-004 2 - 4 5/7/2007
Acenaphthene	4700	170000	190000	33000	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Acenaphthylene	6900	170000	190000	33000	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Anthracene	350	190000	190000	170000	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Benzo (A) Anthracene	320	110	190000	2.1	0.38 U	0.39 U	0.39 U	0.0085 J	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Benzo (a) Pyrene	46	11	190000	0.21	0.38 U	0.39 U	0.39 U	0.0067 J	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Benzo (b) Fluoranthene	170	110	190000	2.1	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Benzo (g,h,i) Perylene	180	170000	190000		0.38 U	0.39 U	0.39 U	0.049 J	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Benzo (k) Fluoranthene	610	1100	190000	21	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Bis(2-Chloroethoxy) Methane				1800	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Bis(2-Chloroethyl) Ether	0.055	5	5.7	0.9	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Bis(2-Chloroisopropyl) Ether	30	160	190	17	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Bis(2-Ethylhexyl) Phthalate	130	5700	10000	120	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Butylbenzylphthalate	10000	10000	10000	910	0.018 J	0.013 J	0.39 U	0.38 U	0.38 U	0.012 J	0.38 U	0.36 U	0.38 U	0.38 U
Carbazole	83	4000	190000		0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Chrysene	230	11000	190000	210	0.38 U	0.39 U	0.39 U	0.0079 J	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Dibenzo (a,h) Anthracene	160	11	190000	0.21	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Dibenzofuran					0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Diethylphthalate	500	10000	10000	490000	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Dimethylphthalate					0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Di-n-Butylphthalate	4100	10000	10000	62000	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Di-n-octylphthalate	10000	10000	10000		0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Fluoranthene	3200	110000	190000	22000	0.38 U	0.39 U	0.39 U	0.013 J	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Fluorene	3800	110000	190000	22000	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Hexachlorobenzene	0.96	50	190000	1.1	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Hexachlorobutadiene	1.2	560	10000	22	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Hexachlorocyclopentadiene	91	10000	10000	3700	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U	2.1 U	1.8 U	1.7 U	1.8 U	1.9 U
Hexachloroethane	0.56	2800	190000	120	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Indeno (1,2,3-cd) Pyrene	28000	110	190000	2.1	0.38 U	0.39 U	0.39 U	0.028 J	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Isophorone	10	10000	10000	1800	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Naphthalene	25	56000	190000	20	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Nitrobenzene	5.1	1400	10000	22	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
N-Nitrosodi-N-Propylamine	0.037	11	10000	0.25	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
N-Nitrosodiphenylamine	83	16000	190000	350	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Pentachlorophenol	5	660	190000	9	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U	2.1 U	1.8 U	1.7 U	1.8 U	1.9 U
Phenanthrene	10000	190000	190000		0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Phenol	400	190000	190000	180000	0.38 U	0.39 U	0.39 U	0.38 U	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Pyrene	2200	84000	190000	17000	0.38 U	0.39 U	0.39 U	0.012 J	0.38 U	0.43 U	0.38 U	0.36 U	0.38 U	0.38 U
Total Solids														
Percent Solids					85.80%	85.60%	85.40%	87.90%	86.40%	77.30%	87.30%	91.80%	86.80%	86.20%
Volatile Organic Compound														
1,1,1,2-Tetrachloroethane	18	3100	190000	9.8	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
1,1,1-Trichloroethane	20	10000	10000	39000	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
1,1,2,2-Tetrachloroethane	0.03	28	33	2.9	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
1,1,2-Trichloroethane	0.5	100	120	5.5	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
1,1-Dichloroethane	11	1000	1200	17	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
1,1-Dichloroethene	0.7	33	38	1100	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
1,2-Dibromoethane	0.005	0.93	8.6	0.17	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
1,2-Dichloroethane	0.5	63	73	2.2	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
1,2-Dichloropropane	0.5	160	180	4.7	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
1,4-Dioxane	2.4	210	240	160	0.99 U	0.91 U	0.96 U	0.97 U	0.94 U	1.2 U	0.89 U	0.91 U	0.89 U	0.94 U
2-Butanone	580	10000	10000	190000	0.02 U	0.018 U	0.019 U	0.019 U	0.019 U	0.023 U	0.018 U	0.018 U	0.018 U	0.019 U

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2-Hexanone					0.02 U	0.018 U	0.019 U	0.019 U	0.019 U	0.023 U	0.018 U	0.018 U	0.018 U	0.019 U
4-Methyl-2-Pentanone	41	4300	4900	52000	0.02 U	0.018 U	0.019 U	0.019 U	0.019 U	0.023 U	0.018 U	0.018 U	0.018 U	0.019 U
Acetone	1000	10000	10000	610000	0.02 U	0.018 U	0.0069 J	0.019 U	0.019 U	0.023 U	0.018 U	0.018 U	0.018 U	0.019 U
Acrylonitrile	0.27	24	28	1.2	0.099 U	0.091 U	0.096 U	0.097 U	0.094 U	0.12 U	0.089 U	0.091 U	0.089 U	0.094 U
Benzene	0.5	210	240	5.6	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
Bromochloromethane	9	10000	10000		0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
Bromodichloromethane	10	45	51	1.4	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
Bromoform	10	1500	1700	220	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
Bromomethane	1	270	300	35	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
Carbon Disulfide	410	10000	10000	3000	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
Carbon Tetrachloride	0.5	110	120	1.3	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
Chlorobenzene	10	10000	10000	1500	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
Chlorodibromomethane	10	61	70	3.4	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
Chloroethane	90	10000	10000	62000	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
Chloroform	10	17	19	1.5	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
Chloromethane	0.3	920	1000	510	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
cis-1,2-Dichloroethene	7	1900	2100	10000	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
cis-1,3-Dichloropropene	2.6	410	470	8.4	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
Ethylbenzene	70	10000	10000	29	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
Methyl tert-butyl ether	2	3200	3700	190	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
Methylene chloride	0.5	3500	4000	54	0.0055	0.0044 J	0.0054	0.0068	0.0057	0.0049 J	0.00098 J B	0.0011 J B	0.0012 J B	0.0053
Styrene	24	10000	10000	38000	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
Tetrachloroethene	0.5	1500	3300	2.7	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
Toluene	100	10000	10000	46000	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
trans-1,2-Dichloroethene	10	3700	4300	500	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
trans-1,3-Dichloropropene	2.6	410	470	8.4	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
Trichloroethene	0.5	970	1100	14	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
Vinyl Chloride	0.2	53	220	1.7	0.005 U	0.0046 U	0.0048 U	0.0048 U	0.0047 U	0.0058 U	0.0045 U	0.0046 U	0.0044 U	0.0047 U
Xylenes (Total)	1000	10000	10000	2600	0.015 U	0.014 U	0.014 U	0.015 U	0.014 U	0.017 U	0.013 U	0.014 U	0.013 U	0.014 U

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. * = excavated location.

Table 3.11-3
Soils Data Summary - Drum Storage Area (DSA)
Former York Naval Ordnance Plant - York, PA

Location/ID Depth (ft.) Sample Date Parameter	MSC Soil to GW Used Aquifer (mg/kg)	MSC Direct Contact 0 - 2 ft (mg/kg)	MSC Direct Contact 2 - 15 ft (mg/kg)	EPA RSL Industrial Soil (mg/kg)	DSA-SB-004 Dup 2 - 4 5/7/2007	DSA-SB-004 6 - 8 5/7/2007	DSA-SB-004 14 - 16 5/7/2007	DSA-SB-005 2 - 4 5/7/2007	DSA-SB-005 6 - 8 5/7/2007	DSA-SB-005 12 - 14 5/7/2007	DSA-SB-006 1 - 3 5/9/2007	DSA-SB-006 5 - 7 5/9/2007	DSA-SB-006 10 - 12 5/9/2007
Cyanide, Free													
Cyanide, Free	200	56000	190000	20000	0.58 U	0.58 U	0.58 U	0.56 U	0.56 U	0.58 U	0.59 U	0.56 U	0.57 U
Cyanide, Total													
Cyanide, Total	200	56000	190000	20000	0.58 U	0.58 U	0.58 U	0.33 B	0.56 U	0.58 U	0.12 B J	0.17 B J	0.15 B J
Hexavalent Chromium													
Hexavalent Chromium	190	420	190000	200	0.47 U	0.47 U	0.46 U	0.46 U	0.45 U	0.46 U	0.47 U	0.46 U	0.45 U
Mercury													
Mercury	10	840	190000	24	0.033 B	0.068	0.038 U	0.089	0.037	0.012 B	0.031 B	0.023 B	0.015 B
Metal													
Antimony	27	1100	190000	410	1.2 U	1.2 U	1.2 U	1.1 U	2.2 U	1.2 U	1.2 U	1.1 U	1.1 U
Arsenic	150	53	190000	1.6	2.7	8.5	1 B	3.5	13.3	1 B	2.6	4.8	1.4
Barium	8200	190000	190000	190000	67.2	69.2	38.5	69.6	57.3	49.3	38.1	43.2	44.5
Beryllium	320	5600	190000	2000	0.94 J	0.78 J	0.49 J	0.59 J	1.1 J	0.46 J	0.4 B	0.45	0.25 B
Cadmium	38	210	190000	800	1.2 U	2.9 U	0.58 U	2.8 U	14 U	0.58 U	0.59 U	0.56 U	0.57 U
Chromium				1400	12.5	13.5	5	10.4	35.3	4.1	7.6	6.9	3.4
Copper	36000	100000	190000	41000	9.7	12	7.2	7.5	8.9	5.3	6.8	6.1	2.7 B
Lead	450	1000	190000	800	9.2	7.9	6.5	7.2	15.7	9.9	7.8	7.7	5.6
Nickel	650	56000	190000	20000	8.7	19.1	2.4 B	3.9 B	6.2	2.6 B	2.5 B	2.4 B	1.6 B
Selenium	26	14000	190000	5100	0.87	1.6	0.53 B	2.1	3.5	0.62	0.59 U	0.56 U	0.57 U
Silver	84	14000	190000	5100	0.58 U	0.58 U	0.58 U	0.56 U	0.56 U	0.58 U	0.59 U	0.56 U	0.57 U
Thallium	14	200	190000	66	1.2 U	1.2 U	1.2 U	1.1 U	2.2 U	1.2 U	1.2 U	1.1 U	1.1 U
Vanadium	72000	20000	190000	7200	19.4	14.8	17.7	17.2	26.6	9.3	13.9	10.6	5.9
Zinc	12000	190000	190000	310000	21.9 J	10.6 J	5.9 J	8.1 J	9.3 J	4.6 J	5.3 J	5.5 J	3.5 J
Semi Volatile Organic Compound													
1,2,4-Trichlorobenzene	27	10000	10000	400	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
1,2-Dichlorobenzene	60	10000	10000	10000	0.38 U	0.38 U	0.38 U	0.018 J	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
1,3-Dichlorobenzene	61	10000	10000		0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
1,4-Dichlorobenzene	10	3300	190000	13	0.021 J	0.012 J	0.013 J	0.37 U	0.014 J	0.013 J	0.39 U	0.37 U	0.37 U
2,4,5-Trichlorophenol	6100	190000	190000	62000	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
2,4,6-Trichlorophenol	8.9	840	190000	160	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
2,4-Dichlorophenol	2	8400	190000	1800	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
2,4-Dimethylphenol	200	10000	10000	12000	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
2,4-Dinitrophenol	4.1	5600	190000	1200	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U
2,4-Dinitrotoluene	0.84	260	190000	5.5	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
2,6-Dinitrotoluene	10	2800	190000	620	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
2-Chloronaphthalene	18000	190000	190000	82000	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
2-Chlorophenol	4.4	920	1100	5100	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
2-Methylnaphthalene	8000	10000	10000	4100	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
2-Methylphenol	510	10000	10000	31000	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
2-Nitroaniline	0.58	160	190000	1800	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U
2-Nitrophenol	82	22000	190000		0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
3,3'-Dichlorobenzidine	32	180	190000	3.8	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U
3/4-Methylphenol				5100	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
3-Nitroaniline	0.58	160	190000		1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U
4,6-Dinitro-2-Methylphenol				62	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U
4-Bromophenyl phenyl ether					0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
4-Chloro-3-Methyl-Phenol	110	14000	190000		0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
4-Chloroaniline	52	11000	190000	8.6	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
4-Chlorodiphenyl Ether					0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
4-Nitroaniline	0.58	160	190000	86	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U
4-Nitrophenol	6	22000	190000		1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. * = excavated location.

Table 3.11-3
Soils Data Summary - Drum Storage Area (DSA)
Former York Naval Ordnance Plant - York, PA

Location/ID Depth (ft.) Sample Date Parameter	MSC Soil to GW Used Aquifer (mg/kg)	MSC Direct Contact 0 - 2 ft (mg/kg)	MSC Direct Contact 2 - 15 ft (mg/kg)	EPA RSL Industrial Soil (mg/kg)	DSA-SB-004 Dup 2 - 4 5/7/2007	DSA-SB-004 6 - 8 5/7/2007	DSA-SB-004 14 - 16 5/7/2007	DSA-SB-005 2 - 4 5/7/2007	DSA-SB-005 6 - 8 5/7/2007	DSA-SB-005 12 - 14 5/7/2007	DSA-SB-006 1 - 3 5/9/2007	DSA-SB-006 5 - 7 5/9/2007	DSA-SB-006 10 - 12 5/9/2007
Acenaphthene	4700	170000	190000	33000	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Acenaphthylene	6900	170000	190000	33000	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Anthracene	350	190000	190000	170000	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Benzo (A) Anthracene	320	110	190000	2.1	0.38 U	0.38 U	0.014 J	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Benzo (a) Pyrene	46	11	190000	0.21	0.38 U	0.38 U	0.0093 J	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Benzo (b) Fluoranthene	170	110	190000	2.1	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Benzo (g,h,i) Perylene	180	170000	190000		0.38 U	0.38 U	0.047 J	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Benzo (k) Fluoranthene	610	1100	190000	21	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Bis(2-Chloroethoxy) Methane				1800	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Bis(2-Chloroethyl) Ether	0.055	5	5.7	0.9	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Bis(2-Chloroisopropyl) Ether	30	160	190	17	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	130	5700	10000	120	0.38 U	0.024 J	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Butylbenzylphthalate	10000	10000	10000	910	0.38 U	0.0086 J	0.0087 J	0.37 U	0.0097 J	0.38 U	0.39 U	0.37 U	0.37 U
Carbazole	83	4000	190000		0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Chrysene	230	11000	190000	210	0.38 U	0.38 U	0.012 J	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Dibenzo (a,h) Anthracene	160	11	190000	0.21	0.38 U	0.38 U	0.054 J	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Dibenzofuran					0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Diethylphthalate	500	10000	10000	490000	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Dimethylphthalate					0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Di-n-Butylphthalate	4100	10000	10000	62000	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Di-n-octylphthalate	10000	10000	10000		0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Fluoranthene	3200	110000	190000	22000	0.38 U	0.38 U	0.013 J	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Fluorene	3800	110000	190000	22000	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Hexachlorobenzene	0.96	50	190000	1.1	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Hexachlorobutadiene	1.2	560	10000	22	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Hexachlorocyclopentadiene	91	10000	10000	3700	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U
Hexachloroethane	0.56	2800	190000	120	0.0093 J	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Indeno (1,2,3-cd) Pyrene	28000	110	190000	2.1	0.38 U	0.38 U	0.027 J	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Isophorone	10	10000	10000	1800	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Naphthalene	25	56000	190000	20	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Nitrobenzene	5.1	1400	10000	22	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
N-Nitrosodi-N-Propylamine	0.037	11	10000	0.25	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
N-Nitrosodiphenylamine	83	16000	190000	350	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Pentachlorophenol	5	660	190000	9	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U
Phenanthrene	10000	190000	190000		0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Phenol	400	190000	190000	180000	0.38 U	0.38 U	0.38 U	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Pyrene	2200	84000	190000	17000	0.38 U	0.38 U	0.02 J	0.37 U	0.37 U	0.38 U	0.39 U	0.37 U	0.37 U
Total Solids													
Percent Solids					86.40%	86.30%	86.10%	89.10%	89.10%	86.90%	85.30%	89.60%	88.10%
Volatile Organic Compound													
1,1,1,2-Tetrachloroethane	18	3100	190000	9.8	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
1,1,1-Trichloroethane	20	10000	10000	39000	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
1,1,2,2-Tetrachloroethane	0.03	28	33	2.9	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
1,1,2-Trichloroethane	0.5	100	120	5.5	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
1,1-Dichloroethane	11	1000	1200	17	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
1,1-Dichloroethene	0.7	33	38	1100	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
1,2-Dibromoethane	0.005	0.93	8.6	0.17	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
1,2-Dichloroethane	0.5	63	73	2.2	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
1,2-Dichloropropane	0.5	160	180	4.7	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
1,4-Dioxane	2.4	210	240	160	0.94 U	1 U	0.95 U	0.89 U	0.99 U	0.94 U	1 U	0.94 U	0.93 U
2-Butanone	580	10000	10000	190000	0.019 U	0.02 U	0.019 U	0.018 U	0.02 U	0.019 U	0.021 U	0.019 U	0.019 U

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. * = excavated location.

Table 3.11-3
Soils Data Summary - Drum Storage Area (DSA)
Former York Naval Ordnance Plant - York, PA

Location/ID Depth (ft.) Sample Date Parameter	MSC Soil to GW Used Aquifer (mg/kg)	MSC Direct Contact 0 - 2 ft (mg/kg)	MSC Direct Contact 2 - 15 ft (mg/kg)	EPA RSL Industrial Soil (mg/kg)	DSA-SB-004 Dup 2 - 4 5/7/2007	DSA-SB-004 6 - 8 5/7/2007	DSA-SB-004 14 - 16 5/7/2007	DSA-SB-005 2 - 4 5/7/2007	DSA-SB-005 6 - 8 5/7/2007	DSA-SB-005 12 - 14 5/7/2007	DSA-SB-006 1 - 3 5/9/2007	DSA-SB-006 5 - 7 5/9/2007	DSA-SB-006 10 - 12 5/9/2007
2-Hexanone					0.019 U	0.02 U	0.019 U	0.018 U	0.02 U	0.019 U	0.021 U	0.019 U	0.019 U
4-Methyl-2-Pentanone	41	4300	4900	52000	0.019 U	0.02 U	0.019 U	0.018 U	0.02 U	0.019 U	0.021 U	0.019 U	0.019 U
Acetone	1000	10000	10000	610000	0.019 U	0.02 U	0.019 U	0.018 U	0.011 J	0.019 U	0.021 U	0.019 U	0.019 U
Acrylonitrile	0.27	24	28	1.2	0.094 U	0.1 U	0.095 U	0.089 U	0.099 U	0.094 U	0.1 U	0.094 U	0.093 U
Benzene	0.5	210	240	5.6	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
Bromochloromethane	9	10000	10000		0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
Bromodichloromethane	10	45	51	1.4	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
Bromoform	10	1500	1700	220	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
Bromomethane	1	270	300	35	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
Carbon Disulfide	410	10000	10000	3000	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
Carbon Tetrachloride	0.5	110	120	1.3	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
Chlorobenzene	10	10000	10000	1500	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
Chlorodibromomethane	10	61	70	3.4	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
Chloroethane	90	10000	10000	62000	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
Chloroform	10	17	19	1.5	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
Chloromethane	0.3	920	1000	510	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
cis-1,2-Dichloroethene	7	1900	2100	10000	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
cis-1,3-Dichloropropene	2.6	410	470	8.4	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
Ethylbenzene	70	10000	10000	29	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
Methyl tert-butyl ether	2	3200	3700	190	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
Methylene chloride	0.5	3500	4000	54	0.0047	0.0055	0.0051	0.0023 J	0.0055	0.0046 J	0.0025 J B	0.0035 J B	0.00076 J B
Styrene	24	10000	10000	38000	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
Tetrachloroethene	0.5	1500	3300	2.7	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
Toluene	100	10000	10000	46000	0.0047 U	0.005 U	0.0048 U	0.00093 J	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
trans-1,2-Dichloroethene	10	3700	4300	500	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
trans-1,3-Dichloropropene	2.6	410	470	8.4	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
Trichloroethene	0.5	970	1100	14	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
Vinyl Chloride	0.2	53	220	1.7	0.0047 U	0.005 U	0.0048 U	0.0044 U	0.0049 U	0.0047 U	0.0052 U	0.0047 U	0.0047 U
Xylenes (Total)	1000	10000	10000	2600	0.014 U	0.015 U	0.014 U	0.013 U	0.015 U	0.014 U	0.015 U	0.014 U	0.014 U

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. * = excavated location.