Table 3.1-1
Soils Data Summary - Building 2 TCA (B2TCA)
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)	TCA-SB-01 9 - 11 6/8/1993	TCA-SB-02 5 - 7 6/8/1993	TCA-SB-02 9 - 11 6/8/1993	TCA-SB-03 3 - 5 6/8/1993	TCA-SB-03 Dup 3 - 5 6/8/1993	TCA-SB-03 9 - 11 6/9/1993	TCA-SB-04 1 - 3 6/8/1993	TCA-SB-04 11 - 13 6/9/1993	TCA-SB-04 15 - 17 6/9/1993	TCA-SB-05 1 - 3 6/10/1993	TCA-SB-05 11 - 13 6/10/1993
% Moisture															
Moisture															
Cyanide															
Cyanide, Free	200	56000	190000	20000										0 U	
Cyanide, Total	200	56000	190000	20000										0 U	
Cyanide, Free															
Cyanide, Free	200	56000	190000	20000											
Cyanide, Total															
Cyanide, Total	200	56000	190000	20000											
Metal															
Antimony	27	1100	190000	410										0 U	
Arsenic	150	53	190000	1.6										0 U	
Beryllium	320	5600	190000	2000										0 U	
Cadmium	38	210	190000	800										2	
Chromium				1400										19	
Copper	36000	100000	190000	41000										12	
Lead	450	1000	190000	800										0 U	
Mercury	10	840	190000	24										0.2	
Nickel	650	56000	190000	20000										11	
Selenium	26	14000	190000	5100										0 U	
Silver	84	14000	190000	5100										0 U	
Thallium	14	200	190000	66										0 U	
Zinc	12000	190000	190000	310000										33	
Tentatively Identified Compounds															
1,4-Dioxane	2.4	210	240	160											
cis-1,2-Dichloroethene	7	1900	2100	10000											
Hexamethyltetracosahexane Isomer														0.2	
UNKNOWN ALKANE															
UNKNOWN AMIDE															
UNKNOWN SILOXANE								0.01	0.009		0.006	0.021			
Total Organic Carbons															
Total Organic Carbon														1	
Total Solids															
Moisture					18%	16%	9%	18%		14%	13%	11%	5%	17%	19%
Petroleum Hydrocarbons															
Petroleum Hydrocarbons (TPH)															
Volatile Organic Compound															
1,1,1-Trichloroethane	20	10000	10000	39000	0.01	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2,2-Tetrachloroethane	0.03	28	33	2.9	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethane	0.5	100	120	5.5	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2-Trichlorotrifluoroethane	53000	190000	190000	180000											
1,1-Dichloroethane	11	1000	1200	17	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethene	0.7	33	38	1100	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloroethane	0.5	63	73	2.2	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloropropane	0.5	160	180	4.7	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,3-Dichloropropene	2.6	410	470	8.4											
2-Butanone	580	10000	10000	190000	0.05 U	0.05 U	0.05 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
2-Chloroethyl Vinyl Ether					0.01 U	0.01 U	0.01 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone					0.05 U	0.05 U	0.05 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
4-Methyl-2-Pentanone	41	4300	4900	52000	0.05 U	0.05 U	0.05 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Acetone	1000	10000	10000	610000	0.05 U	0.05 U	0.05 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 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 3.1-1
Soils Data Summary - Building 2 TCA (B2TCA)
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)	TCA-SB-01 9 - 11 6/8/1993	TCA-SB-02 5 - 7 6/8/1993	TCA-SB-02 9 - 11 6/8/1993	TCA-SB-03 3 - 5 6/8/1993	TCA-SB-03 Dup 3 - 5 6/8/1993	TCA-SB-03 9 - 11 6/9/1993	TCA-SB-04 1 - 3 6/8/1993	TCA-SB-04 11 - 13 6/9/1993	TCA-SB-04 15 - 17 6/9/1993	TCA-SB-05 1 - 3 6/10/1993	TCA-SB-05 11 - 13 6/10/1993
Benzene	0.5	210	240	5.6	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromodichloromethane	10	45	51	1.4	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromoform	10	1500	1700	220	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bromomethane	1	270	300	35	0.01 U	0.01 U	0.01 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Carbon Disulfide	410	10000	10000	3000	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon Tetrachloride	0.5	110	120	1.3	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorobenzene	10	10000	10000	1500	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorodibromomethane	10	61	70	3.4	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroethane	90	10000	10000	62000	0.01 U	0.01 U	0.01 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chloroform	10	17	19	1.5	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloromethane	0.3	920	1000	510	0.01 U	0.01 U	0.01 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
cis-1,3-Dichloropropene	2.6	410	470	8.4	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Ethylbenzene	70	10000	10000	29	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	0.5	3500	4000	54	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Styrene	24	10000	10000	38000	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Tetrachloroethene	0.5	1500	3300	2.7	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toluene	100	10000	10000	46000	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	10	3700	4300	500	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,3-Dichloropropene	2.6	410	470	8.4	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Trichloroethene	0.5	970	1100	14	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl Acetate	120	10000	10000	4200	0.01 U	0.01 U	0.01 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Vinyl Chloride	0.2	53	220	1.7	0.01 U	0.01 U	0.01 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Xylenes (Total)	1000	10000	10000	2600	0.005 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 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 3.1-1
Soils Data Summary - Building 2 TCA (B2TCA)
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)	TCA-SB-05 17.5 - 20 6/10/1993	TCA-SB-06 3 - 5 6/10/1993	TCA-SB-07 3 - 5 6/11/1993	TCA-SB-07 Dup 3 - 5 6/11/1993	TCA-SB-08 9 - 11 6/16/1993	TCA-SB-08 15 - 17.5 6/16/1993	TCA-SB-08 17.5 - 20 6/16/1993	TCA-SB-10 3 - 3.5 7/6/1993	TCA-SB-11 2.3 - 2.6 7/7/1993	TCA-SB-11 4.3 - 4.7 7/8/1993	TCA-SB-11 6.2 - 6.5 7/8/1993
% Moisture															
Moisture															
Cyanide															
Cyanide, Free	200	56000	190000	20000			0 U	0 U	0 U	0 U					
Cyanide, Total	200	56000	190000	20000			0 U	0.08	0 U	0 U					
Cyanide, Free															
Cyanide, Free	200	56000	190000	20000											
Cyanide, Total															
Cyanide, Total	200	56000	190000	20000											
Metal															
Antimony	27	1100	190000	410			0 U	0 U	0 U	0 U					
Arsenic	150	53	190000	1.6			0 U	0 U	9.3	4.5					
Beryllium	320	5600	190000	2000			0 U	0 U	0 U	0 U					
Cadmium	38	210	190000	800			0 U	0 U	0 U	0 U					
Chromium				1400			28	16	25	15					
Copper	36000	100000	190000	41000			17	8	26	26					
Lead	450	1000	190000	800			0 U	0 U	0 U	19					
Mercury	10	840	190000	24			0.18	0.18	0 U	0.15					
Nickel	650	56000	190000	20000			20	11	23	25					
Selenium	26	14000	190000	5100			0 U	0 U	0 U	0 U					
Silver	84	14000	190000	5100			0 U	0 U	0 U	0 U					
Thallium	14	200	190000	66			0 U	0 U	0 U	0 U					
Zinc	12000	190000	190000	310000			80	52	85	56					
Tentatively Identified Compounds															
1,4-Dioxane	2.4	210	240	160											
cis-1,2-Dichloroethene	7	1900	2100	10000				0.015							
Hexamethyltetracosahexane Isomer															
UNKNOWN ALKANE															
UNKNOWN AMIDE								0.3							
UNKNOWN SILOXANE								0.013	0.006						
Total Organic Carbons															
Total Organic Carbon							1.3	1.6	1.3	0.8					
Total Solids															
Moisture					19%	16%	18%	17%	16%	23%	26%		16%	19%	16%
Petroleum Hydrocarbons															
Petroleum Hydrocarbons (TPH)															
Volatile Organic Compound															
1,1,1-Trichloroethane	20	10000	10000	39000	0.005 U	0.005 U	0.6	0.65	0.005 U	0.029	0.1	0.005 U	0.93	7.2	0.13
1,1,2,2-Tetrachloroethane	0.03	28	33	2.9	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U
1,1,2-Trichloroethane	0.5	100	120	5.5	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.06	0.04	0.023
1,1,2-Trichlorotrifluoroethane	53000	190000	190000	180000											
1,1-Dichloroethane	11	1000	1200	17	0.005 U	0.005 U	0.006	0.007	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.012	0.005 U
1,1-Dichloroethene	0.7	33	38	1100	0.005 U	0.005 U	0.052	0.052	0.005 U	0.008	0.039	0.005 U	0.025 U	0.23	0.005 U
1,2-Dichloroethane	0.5	63	73	2.2	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.14	0.062	0.045
1,2-Dichloropropane	0.5	160	180	4.7	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U
1,3-Dichloropropene	2.6	410	470	8.4											
2-Butanone	580	10000	10000	190000	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.26	0.05 U	0.05 U
2-Chloroethyl Vinyl Ether					0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.25 U	0.05 U	0.05 U
2-Hexanone					0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.25 U	0.05 U	0.05 U
4-Methyl-2-Pentanone	41	4300	4900	52000	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.25 U	0.05 U	0.05 U
Acetone	1000	10000	10000	610000	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.25 U	0.05 U	0.05 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 3.1-1
Soils Data Summary - Building 2 TCA (B2TCA)
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)	TCA-SB-05 17.5 - 20 6/10/1993	TCA-SB-06 3 - 5 6/10/1993	TCA-SB-07 3 - 5 6/11/1993	TCA-SB-07 Dup 3 - 5 6/11/1993	TCA-SB-08 9 - 11 6/16/1993	TCA-SB-08 15 - 17.5 6/16/1993	TCA-SB-08 17.5 - 20 6/16/1993	TCA-SB-10 3 - 3.5 7/6/1993	TCA-SB-11 2.3 - 2.6 7/7/1993	TCA-SB-11 4.3 - 4.7 7/8/1993	TCA-SB-11 6.2 - 6.5 7/8/1993
Benzene	0.5	210	240	5.6	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U
Bromodichloromethane	10	45	51	1.4	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U
Bromoform	10	1500	1700	220	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U
Bromomethane	1	270	300	35	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	0.01 U
Carbon Disulfide	410	10000	10000	3000	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U
Carbon Tetrachloride	0.5	110	120	1.3	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U
Chlorobenzene	10	10000	10000	1500	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U
Chlorodibromomethane	10	61	70	3.4	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U
Chloroethane	90	10000	10000	62000	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	0.01 U
Chloroform	10	17	19	1.5	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U
Chloromethane	0.3	920	1000	510	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	0.01 U
cis-1,3-Dichloropropene	2.6	410	470	8.4	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U
Ethylbenzene	70	10000	10000	29	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U
Methylene chloride	0.5	3500	4000	54	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	0.01 U
Styrene	24	10000	10000	38000	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U
Tetrachloroethene	0.5	1500	3300	2.7	0.005 U	0.005 U	0.018	0.02	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.013	0.005 U
Toluene	100	10000	10000	46000	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U
trans-1,2-Dichloroethene	10	3700	4300	500	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U
trans-1,3-Dichloropropene	2.6	410	470	8.4	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U
Trichloroethene	0.5	970	1100	14	0.005 U	0.005 U	0.17	0.2	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.17	0.009
Vinyl Acetate	120	10000	10000	4200	0.05 U	0.01 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.25 U	0.05 U	0.05 U
Vinyl Chloride	0.2	53	220	1.7	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U	0.01 U	0.01 U
Xylenes (Total)	1000	10000	10000	2600	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.125 U	0.025 U	0.025 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 3.1-1
Soils Data Summary - Building 2 TCA (B2TCA)
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)	TCA-SB-11 12.5 - 13 2/23/1994	TCA-SB-12 4 - 4.3 7/7/1993	TCA-SB-12 17 - 17.2 7/7/1993	TCA-SB-13 4.5 - 4.8 7/8/1993	TCA-SB-13 9.4 - 9.7 7/8/1993	TCA-SB-13 16.6 - 16.9 7/8/1993	TCA-SB-13 21.7 - 22 7/8/1993	TCA-SB-14 2.3 - 2.5 7/8/1993	TCA-SB-14 4.5 - 4.9 7/8/1993	TCA-SB-15 8.2 - 10.2 5/30/1993	TCA-SB-16 3.5 - 4 6/29/1994	TCA-SB-16 13 - 13.5 2/24/1994
% Moisture																
Moisture					22.50%										17.20%	14.80%
Cyanide																
Cyanide, Free	200	56000	190000	20000										0 U		
Cyanide, Total	200	56000	190000	20000										0.8		
Cyanide, Free																
Cyanide, Free	200	56000	190000	20000												
Cyanide, Total																
Cyanide, Total	200	56000	190000	20000												
Metal																
Antimony	27	1100	190000	410										0 U		
Arsenic	150	53	190000	1.6										16		
Beryllium	320	5600	190000	2000										0 U		
Cadmium	38	210	190000	800										0 U		
Chromium				1400										18		
Copper	36000	100000	190000	41000										29		
Lead	450	1000	190000	800										46		
Mercury	10	840	190000	24										0.22		
Nickel	650	56000	190000	20000										30		
Selenium	26	14000	190000	5100										0 U		
Silver	84	14000	190000	5100										0 U		
Thallium	14	200	190000	66										0 U		
Zinc	12000	190000	190000	310000										71		
Tentatively Identified Compounds																
1,4-Dioxane	2.4	210	240	160										1.6		
cis-1,2-Dichloroethene	7	1900	2100	10000				0.03				0.012	0.03			
Hexamethyltetracosahexane Isomer																
UNKNOWN ALKANE														0.021		
UNKNOWN AMIDE																
UNKNOWN SILOXANE																
Total Organic Carbons																
Total Organic Carbon																
Total Solids																
Moisture						14%	20%	17%	13%	14%	31%	19%	16%	21%		
Petroleum Hydrocarbons																
Petroleum Hydrocarbons (TPH)																
Volatile Organic Compound																
1,1,1-Trichloroethane	20	10000	10000	39000	0.005 U	0.055	0.29	5.6	0.93	0.006	1.6	0.033	0.31	0.4	0.28	0.008
1,1,2,2-Tetrachloroethane	0.03	28	33	2.9		0.005 U	0.01 U	0.025 U	0.025 U	0.005 U	0.625 U	0.005 U	0.025 U	0.005 U		
1,1,2-Trichloroethane	0.5	100	120	5.5	0.012	0.005 U	0.01	0.025 U	0.025 U	0.005 U	0.625 U	0.005 U	0.025 U	0.036	0.072	0.011
1,1,2-Trichlorotrifluoroethane	53000	190000	190000	180000												
1,1-Dichloroethane	11	1000	1200	17	0.005 U	0.005 U	0.03	0.045	0.025 U	0.005 U	0.625 U	0.008	0.025 U	0.011	0.025 U	0.005 U
1,1-Dichloroethene	0.7	33	38	1100	0.005 U	0.017	0.14	0.93	0.21	0.005 U	1.8	0.005 U	0.025 U	0.07	0.025 U	0.005 U
1,2-Dichloroethane	0.5	63	73	2.2	0.019	0.005 U	0.028	0.03	0.025 U	0.005 U	0.625 U	0.005 U	0.025 U	0.043	0.042	0.019
1,2-Dichloropropane	0.5	160	180	4.7		0.005 U	0.01 U	0.025 U	0.025 U	0.005 U	0.625 U	0.005 U	0.025 U	0.005 U		
1,3-Dichloropropene	2.6	410	470	8.4												
2-Butanone	580	10000	10000	190000		0.05 U	0.1 U	0.25 U	0.25 U	0.05 U	6.25 U	0.05 U	0.25 U	0.05 U		
2-Chloroethyl Vinyl Ether						0.05 U	0.1 U	0.25 U	0.25 U	0.05 U	6.25 U	0.05 U	0.25 U	0.01 U		
2-Hexanone						0.05 U	0.1 U	0.25 U	0.25 U	0.05 U	6.25 U	0.05 U	0.25 U	0.05 U		
4-Methyl-2-Pentanone	41	4300	4900	52000		0.05 U	0.1 U	0.25 U	0.25 U	0.05 U	6.25 U	0.05 U	0.25 U	0.05 U		
Acetone	1000	10000	10000	610000		0.05 U	0.1 U	0.25 U	0.25 U	0.05 U	6.25 U	0.05 U	0.25 U	0.05 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 3.1-1
Soils Data Summary - Building 2 TCA (B2TCA)
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)	TCA-SB-11 12.5 - 13 2/23/1994	TCA-SB-12 4 - 4.3 7/7/1993	TCA-SB-12 17 - 17.2 7/7/1993	TCA-SB-13 4.5 - 4.8 7/8/1993	TCA-SB-13 9.4 - 9.7 7/8/1993	TCA-SB-13 16.6 - 16.9 7/8/1993	TCA-SB-13 21.7 - 22 7/8/1993	TCA-SB-14 2.3 - 2.5 7/8/1993	TCA-SB-14 4.5 - 4.9 7/8/1993	TCA-SB-15 8.2 - 10.2 5/30/1993	TCA-SB-16 3.5 - 4 6/29/1994	TCA-SB-16 13 - 13.5 2/24/1994
Benzene	0.5	210	240	5.6		0.005 U	0.01 U	0.025 U	0.025 U	0.005 U	0.625 U	0.005 U	0.025 U	0.005 U		
Bromodichloromethane	10	45	51	1.4		0.005 U	0.01 U	0.025 U	0.025 U	0.005 U	0.625 U	0.005 U	0.025 U	0.005 U		
Bromoform	10	1500	1700	220		0.005 U	0.01 U	0.025 U	0.025 U	0.005 U	0.625 U	0.005 U	0.025 U	0.005 U		
Bromomethane	1	270	300	35		0.01 U	0.02 U	0.05 U	0.05 U	0.01 U	1.25 U	0.01 U	0.05 U	0.01 U		
Carbon Disulfide	410	10000	10000	3000		0.005 U	0.01 U	0.025 U	0.025 U	0.005 U	0.625 U	0.005 U	0.025 U	0.005 U		
Carbon Tetrachloride	0.5	110	120	1.3		0.005 U	0.01 U	0.025 U	0.025 U	0.005 U	0.625 U	0.005 U	0.025 U	0.005 U		
Chlorobenzene	10	10000	10000	1500		0.005 U	0.01 U	0.025 U	0.025 U	0.005 U	0.625 U	0.005 U	0.025 U	0.005 U		
Chlorodibromomethane	10	61	70	3.4		0.005 U	0.01 U	0.025 U	0.025 U	0.005 U	0.625 U	0.005 U	0.025 U	0.005 U		
Chloroethane	90	10000	10000	62000		0.01 U	0.02 U	0.05 U	0.05 U	0.01 U	1.25 U	0.01 U	0.05 U	0.01 U		
Chloroform	10	17	19	1.5	0.005 U	0.005 U	0.01 U	0.025 U	0.025 U	0.005 U	0.625 U	0.005 U	0.025 U	0.005 U	0.025 U	0.008
Chloromethane	0.3	920	1000	510		0.01 U	0.02 U	0.05 U	0.05 U	0.01 U	1.25 U	0.01 U	0.05 U	0.01 U		
cis-1,3-Dichloropropene	2.6	410	470	8.4		0.005 U	0.01 U	0.025 U	0.025 U	0.005 U	0.625 U	0.005 U	0.025 U	0.005 U		
Ethylbenzene	70	10000	10000	29		0.005 U	0.01 U	0.025 U	0.025 U	0.005 U	0.625 U	0.005 U	0.025 U	0.005 U		
Methylene chloride	0.5	3500	4000	54		0.01 U	0.02 U	0.05 U	0.05 U	0.01 U	1.25 U	0.01 U	0.05 U	0.005 U		
Styrene	24	10000	10000	38000		0.005 U	0.01 U	0.025 U	0.025 U	0.005 U	0.625 U	0.005 U	0.025 U	0.005 U		
Tetrachloroethene	0.5	1500	3300	2.7	0.005 U	0.005 U	0.01 U	0.03	0.025 U	0.005 U	0.625 U	0.005 U	0.11	0.005 U	0.025 U	0.005 U
Toluene	100	10000	10000	46000		0.005 U	0.01 U	0.025 U	0.025 U	0.005 U	0.625 U	0.005 U	0.025 U	0.005 U		
trans-1,2-Dichloroethene	10	3700	4300	500	0.005 U	0.005 U	0.01 U	0.025 U	0.025 U	0.005 U	0.625 U	0.005 U	0.025 U	0.005 U	0.025 U	0.005 U
trans-1,3-Dichloropropene	2.6	410	470	8.4		0.005 U	0.01 U	0.025 U	0.025 U	0.005 U	0.625 U	0.005 U	0.025 U	0.005 U		
Trichloroethene	0.5	970	1100	14	0.005 U	0.018	0.022	0.4	0.03	0.025	0.625 U	0.012	0.3	0.023	0.066	0.005 U
Vinyl Acetate	120	10000	10000	4200		0.05 U	0.1 U	0.25 U	0.25 U	0.05 U	6.25 U	0.05 U	0.25 U	0.01 U		
Vinyl Chloride	0.2	53	220	1.7		0.01 U	0.02 U	0.05 U	0.05 U	0.01 U	1.25 U	0.01 U	0.05 U	0.01 U		
Xylenes (Total)	1000	10000	10000	2600		0.025 U	0.05 U	0.125 U	0.125 U	0.025 U	3.125 U	0.025 U	0.125 U	0.005 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 3.1-1
Soils Data Summary - Building 2 TCA (B2TCA)
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)	TCA-SB-17 5 - 5.5 2/23/1994	TCA-SB-17 14 - 14.2 2/28/1994	TCA-SB-18 4 - 5 2/23/1994	TCA-SB-18 15.3 - 15.5 2/23/1994	TCA-SB-19 4 - 4.5 2/23/1994	TCA-SB-19 15.5 - 16 2/24/1994	TCA-SB-20 4.5 - 5 2/24/1994	TCA-SB-20 15.5 - 16 2/24/1994	TCA-SB-22 5 - 5.5 6/29/1994	TCA-TB-1 5 - 7 4/22/1988	TCA-TB-1 12 - 14 4/22/1988	TCA-TB-2 4 - 6 4/25/1988
% Moisture																
Moisture					19%		15.80%	24.60%	18.10%	17.80%	17.90%	14.80%	17.60%			
Cyanide																
Cyanide, Free	200	56000	190000	20000												
Cyanide, Total	200	56000	190000	20000												
Cyanide, Free																
Cyanide, Free	200	56000	190000	20000												
Cyanide, Total																
Cyanide, Total	200	56000	190000	20000												
Metal																
Antimony	27	1100	190000	410												
Arsenic	150	53	190000	1.6												
Beryllium	320	5600	190000	2000												
Cadmium	38	210	190000	800												
Chromium				1400												
Copper	36000	100000	190000	41000												
Lead	450	1000	190000	800												
Mercury	10	840	190000	24												
Nickel	650	56000	190000	20000												
Selenium	26	14000	190000	5100												
Silver	84	14000	190000	5100												
Thallium	14	200	190000	66												
Zinc	12000	190000	190000	310000												
Tentatively Identified Compounds																
1,4-Dioxane	2.4	210	240	160												
cis-1,2-Dichloroethene	7	1900	2100	10000												
Hexamethyltetracosahexane Isomer																
UNKNOWN ALKANE																
UNKNOWN AMIDE																
UNKNOWN SILOXANE																
Total Organic Carbons																
Total Organic Carbon																
Total Solids																
Moisture																
Petroleum Hydrocarbons																
Petroleum Hydrocarbons (TPH)																
Volatile Organic Compound																
1,1,1-Trichloroethane	20	10000	10000	39000	0.47	0.011	0.028	0.39	0.89	0.18	0.066	0.007	0.005 U	0.24	0.215	1.515
1,1,2,2-Tetrachloroethane	0.03	28	33	2.9										0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethane	0.5	100	120	5.5	0.005 U	0.005 U	0.005 U	0.048	0.035	0.01	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2-Trichlorotrifluoroethane	53000	190000	190000	180000												
1,1-Dichloroethane	11	1000	1200	17	0.045	0.005 U	0.005 U	0.014	0.005 U	0.009	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.045
1,1-Dichloroethene	0.7	33	38	1100	0.057	0.007	0.005 U	0.09	0.012	0.056	0.023	0.005 U	0.005 U	0.005 U	0.005 U	0.02
1,2-Dichloroethane	0.5	63	73	2.2	0.005 U	0.005 U	0.028	0.051	0.032	0.014	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005
1,2-Dichloropropane	0.5	160	180	4.7										0.005 U	0.005 U	0.005 U
1,3-Dichloropropene	2.6	410	470	8.4										0.005 U	0.005 U	0.005 U
2-Butanone	580	10000	10000	190000												
2-Chloroethyl Vinyl Ether														0.05 U	0.05 U	0.05 U
2-Hexanone																
4-Methyl-2-Pentanone	41	4300	4900	52000												
Acetone	1000	10000	10000	610000												

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 3.1-1
Soils Data Summary - Building 2 TCA (B2TCA)
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)	TCA-SB-17 5 - 5.5 2/23/1994	TCA-SB-17 14 - 14.2 2/28/1994	TCA-SB-18 4 - 5 2/23/1994	TCA-SB-18 15.3 - 15.5 2/23/1994	TCA-SB-19 4 - 4.5 2/23/1994	TCA-SB-19 15.5 - 16 2/24/1994	TCA-SB-20 4.5 - 5 2/24/1994	TCA-SB-20 15.5 - 16 2/24/1994	TCA-SB-22 5 - 5.5 6/29/1994	TCA-TB-1 5 - 7 4/22/1988	TCA-TB-1 12 - 14 4/22/1988	TCA-TB-2 4 - 6 4/25/1988
Benzene	0.5	210	240	5.6										0.01 U	0.01 U	0.01 U
Bromodichloromethane	10	45	51	1.4										0.01 U	0.01 U	0.01 U
Bromoform	10	1500	1700	220										0.01 U	0.01 U	0.01 U
Bromomethane	1	270	300	35										0.025 U	0.025 U	0.025 U
Carbon Disulfide	410	10000	10000	3000												
Carbon Tetrachloride	0.5	110	120	1.3										0.005 U	0.005 U	0.25 U
Chlorobenzene	10	10000	10000	1500										0.005 U	0.005 U	0.005 U
Chlorodibromomethane	10	61	70	3.4										0.01 U	0.01 U	0.01 U
Chloroethane	90	10000	10000	62000										0.005 U	0.005 U	0.005 U
Chloroform	10	17	19	1.5	0.007	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloromethane	0.3	920	1000	510										0.025 U	0.025 U	0.025 U
cis-1,3-Dichloropropene	2.6	410	470	8.4												
Ethylbenzene	70	10000	10000	29										0.005 U	0.005 U	0.005 U
Methylene chloride	0.5	3500	4000	54										0.01 U	0.01 U	0.01 U
Styrene	24	10000	10000	38000												
Tetrachloroethene	0.5	1500	3300	2.7	0.009	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toluene	100	10000	10000	46000										0.01 U	0.01 U	0.01 U
trans-1,2-Dichloroethene	10	3700	4300	500	0.051	0.007	0.005 U	0.005 U	0.005 U	0.005 U	0.007	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
trans-1,3-Dichloropropene	2.6	410	470	8.4												
Trichloroethene	0.5	970	1100	14	0.058	0.026	0.028	0.038	0.087	0.063	0.016	0.015	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl Acetate	120	10000	10000	4200												
Vinyl Chloride	0.2	53	220	1.7										0.005 U	0.005 U	0.005 U
Xylenes (Total)	1000	10000	10000	2600												

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 3.1-1
Soils Data Summary - Building 2 TCA (B2TCA)
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)	TCA-TB-2 12 - 14 4/25/1988	TCA-TB-3 4 - 6 4/25/1988	TCA-TB-4 4 - 6 4/25/1988	TCA-TB-5 4 - 6 4/25/1988	TCA-TB-5 8 - 10 4/25/1988	TCA-TB-6 4 - 6 8/1/1989	TCA-TB-7 4 - 6 8/1/1989	TCA-TB-8 4 - 6 8/3/1989	TCA-TB-9 4 - 6 8/3/1989	TCA-TB-10 4 - 6 8/1/1989	TCA-TB-11 4 - 6 8/2/1989
% Moisture															
Moisture															
Cyanide															
Cyanide, Free	200	56000	190000	20000											
Cyanide, Total	200	56000	190000	20000											
Cyanide, Free															
Cyanide, Free	200	56000	190000	20000						0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Cyanide, Total															
Cyanide, Total	200	56000	190000	20000						0.032	0.02 U	0.02 U	0.128	0.02 U	0.02 U
Metal															
Antimony	27	1100	190000	410											
Arsenic	150	53	190000	1.6											
Beryllium	320	5600	190000	2000											
Cadmium	38	210	190000	800											
Chromium				1400											
Copper	36000	100000	190000	41000											
Lead	450	1000	190000	800											
Mercury	10	840	190000	24											
Nickel	650	56000	190000	20000											
Selenium	26	14000	190000	5100											
Silver	84	14000	190000	5100											
Thallium	14	200	190000	66											
Zinc	12000	190000	190000	310000											
Tentatively Identified Compounds															
1,4-Dioxane	2.4	210	240	160											
cis-1,2-Dichloroethene	7	1900	2100	10000											
Hexamethyltetracosahexane Isomer															
UNKNOWN ALKANE															
UNKNOWN AMIDE															
UNKNOWN SILOXANE															
Total Organic Carbons															
Total Organic Carbon															
Total Solids															
Moisture															
Petroleum Hydrocarbons															
Petroleum Hydrocarbons (TPH)										39 U	38 U	39 U	37 U	39 U	39 U
Volatile Organic Compound															
1,1,1-Trichloroethane	20	10000	10000	39000	0.33	1155	32.9	0.19	0.02	0.27	0.22	0.41	0.66	0.145	0.055
1,1,2,2-Tetrachloroethane	0.03	28	33	2.9	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2-Trichloroethane	0.5	100	120	5.5	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1,2-Trichlorotrifluoroethane	53000	190000	190000	180000						0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,1-Dichloroethane	11	1000	1200	17	0.005 U	0.7	0.075	0.015	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01	0.22
1,1-Dichloroethene	0.7	33	38	1100	0.005 U	5	0.4	0.005 U	0.005 U	0.01	0.005 U	0.015	0.03	0.025	0.075
1,2-Dichloroethane	0.5	63	73	2.2	0.005 U	0.3	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichloropropane	0.5	160	180	4.7	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,3-Dichloropropene	2.6	410	470	8.4	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Butanone	580	10000	10000	190000											
2-Chloroethyl Vinyl Ether					0.05 U	0.05 U	0.25 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
2-Hexanone															
4-Methyl-2-Pentanone	41	4300	4900	52000											
Acetone	1000	10000	10000	610000											

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 3.1-1
Soils Data Summary - Building 2 TCA (B2TCA)
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)	TCA-TB-2 12 - 14 4/25/1988	TCA-TB-3 4 - 6 4/25/1988	TCA-TB-4 4 - 6 4/25/1988	TCA-TB-5 4 - 6 4/25/1988	TCA-TB-5 8 - 10 4/25/1988	TCA-TB-6 4 - 6 8/1/1989	TCA-TB-7 4 - 6 8/1/1989	TCA-TB-8 4 - 6 8/3/1989	TCA-TB-9 4 - 6 8/3/1989	TCA-TB-10 4 - 6 8/1/1989	TCA-TB-11 4 - 6 8/2/1989
Benzene	0.5	210	240	5.6	0.01 U	0.01 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Bromodichloromethane	10	45	51	1.4	0.01 U	0.01 U	0.05 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
Bromoform	10	1500	1700	220	0.01 U	0.01 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Bromomethane	1	270	300	35	0.025 U	0.025 U	0.125 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Carbon Disulfide	410	10000	10000	3000											
Carbon Tetrachloride	0.5	110	120	1.3	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.005 U	0.005 U
Chlorobenzene	10	10000	10000	1500	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chlorodibromomethane	10	61	70	3.4	0.01 U	0.01 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chloroethane	90	10000	10000	62000	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform	10	17	19	1.5	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloromethane	0.3	920	1000	510	0.025 U	0.025 U	0.125 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
cis-1,3-Dichloropropene	2.6	410	470	8.4											
Ethylbenzene	70	10000	10000	29	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	0.5	3500	4000	54	0.01 U	0.01 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Styrene	24	10000	10000	38000											
Tetrachloroethene	0.5	1500	3300	2.7	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Toluene	100	10000	10000	46000	0.01 U	0.01 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
trans-1,2-Dichloroethene	10	3700	4300	500	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.115
trans-1,3-Dichloropropene	2.6	410	470	8.4											
Trichloroethene	0.5	970	1100	14	0.005 U	22	0.075	0.005 U	0.005 U	0.005 U	0.005 U	0.02	0.065	0.02	0.01
Vinyl Acetate	120	10000	10000	4200											
Vinyl Chloride	0.2	53	220	1.7	0.005 U	0.005 U	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Xylenes (Total)	1000	10000	10000	2600											

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.