

METALS IN SOIL AT NAAD03

SAMPLE ID	SAMPLE DATE	Aluminum (mg/kg)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Calcium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Mercury (mg/kg)	Nickel (mg/kg)	Potassium (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Sodium (mg/kg)	Thallium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
ND03 SED1	12/9/2003	8400	<5	12	370	<1	1.8	19000	12	5.6	12000	61	8500	530	<0.083	13	2100	<5	<5	<100	<5	21	460
ND03 SED2	12/9/2003	12000	<5	17	370	<1	2.8	24000	16	7.3	14000	42	14000	670	0.083	18	3000	<5	<5	<100	<5	29	190
ND03 SLS1-0.5	12/9/2003	11000	<5	13	130	<1	<1	15000	15	10	15000	20	9700	1200	<0.083	20	2700	<5	<5	<100	<5	30	300
ND03 SLS10-0.5	12/9/2003	4800	<5	6.2	43	<1	1.2	100000	7.5	<5	5500	23	57000	470	<0.083	13	1200	<5	<5	140	<5	13	59
ND03 SLS11-0.5	12/9/2003	10000	<5	17	86	<1	1.1	15000	13	7.4	14000	13	10000	900	<0.083	18	3000	<5	<5	240	<5	25	56
ND03 SLS12-0.5	12/9/2003	7200	<5	9.3	48	<1	1.1	37000	10	5.2	9600	28	27000	510	0.086	18	2000	<5	<5	260	<5	20	75
ND03 SLS13-0.5	12/9/2003	7600	<5	8.4	77	<1	<1	9100	10	7.8	11000	17	7000	770	0.085	18	2000	<5	<5	220	<5	23	71
ND03 SLS14-0.5	12/9/2003	9500	<5	12	110	<1	2.6	26000	13	9	13000	18	19000	1200	<0.083	18	3300	<5	<5	<100	<5	24	82
ND03 SLS14-0.5*	12/9/2003	8700	<5	12	100	<1	4.2	19000	12	7.6	12000	16	14000	1100	<0.083	17	2700	<5	<5	<100	<5	22	71
ND03 SLS15-0.5	12/9/2003	9300	<5	10	120	<1	1.4	25000	13	9.5	13000	19	17000	1200	<0.083	19	2800	<5	<5	<100	<5	26	110
ND03 SLS16-0.5	12/9/2003	8700	<5	10	130	<1	1.5	6200	13	10	14000	34	4200	1000	<0.083	18	2000	<5	<5	<100	<5	24	570
ND03 SLS17-0.5	12/9/2003	7900	<5	11	65	<1	<1	38000	11	6.1	12000	15	28000	600	<0.083	13	2600	<5	<5	<100	<5	31	140
ND03 SLS18-0.5	12/9/2003	9800	<5	12	110	<1	1.5	18000	14	8.6	14000	21	12000	1000	<0.083	18	2900	<5	<5	<100	<5	26	160
ND03 SLS19-0.5	12/9/2003	12000	<5	16	140	<1	<1	9600	17	11	18000	17	7200	1300	<0.083	23	2600	<5	<5	<100	<5	32	94
ND03 SLS2-0.5	12/9/2003	7100	<5	13	400	<1	1.1	21000	12	5.2	14000	120	7600	480	<0.083	14	1900	<5	<5	<100	<5	21	440
ND03 SLS20-0.5	12/9/2003	13000	<5	11	110	<1	<1	6400	18	9	16000	12	5700	1000	<0.083	20	2800	<5	<5	<100	<5	29	72
ND03 SLS21-0.5	12/9/2003	9300	<5	9.5	85	<1	1	15000	12	6.6	12000	14	10000	760	<0.083	16	2500	<5	<5	<100	<5	22	81
ND03 SLS22-0.5	12/9/2003	13000	<5	11	100	<1	<1	4800	18	8.5	17000	11	5000	930	<0.083	19	2800	<5	<5	<100	<5	29	67
ND03 SLS23-0.5	12/9/2003	11000	<5	12	120	<1	<1	18000	16	8.9	14000	16	12000	1100	<0.083	18	3300	<5	<5	<100	<5	26	90
ND03 SLS24-0.5	12/9/2003	13000	<5	13	130	<1	1	13000	18	9.9	17000	20	9700	1200	<0.083	21	3300	<5	<5	<100	<5	30	110
ND03 SLS25-0.5	12/9/2003	6600	<5	13	93	<1	<1	17000	13	7.7	11000	5.4	11000	660	<0.083	14	1300	<5	<5	<100	<5	25	20
ND03 SLS26-0.5	12/9/2003	9400	<5	18	110	<1	<1	17000	15	8.4	14000	12	8700	1100	<0.083	19	2800	<5	<5	<100	<5	25	62
ND03 SLS27-0.5	12/9/2003	4600	<5	8.1	61	<1	<1	82000	8.4	<5	6500	5.9	31000	640	<0.083	8.5	1600	<5	<5	<100	6.5	14	27
ND03 SLS28-0.5	12/9/2003	8300	<5	21	98	<1	<1	29000	14	7.2	11000	9.5	21000	1000	<0.083	14	2700	<5	<5	<100	<5	22	49
ND03 SLS28-0.5*	12/9/2003	10000	<5	18	130	<1	<1	6300	16	11	15000	12	4600	1200	<0.083	20	2800	<5	<5	<100	<5	27	63
ND03 SLS29-0.5	12/9/2003	8000	<5	15	65	<1	<1	4600	10	6	11000	7.5	3200	550	<0.083	15	2200	<5	<5	<100	<5	17	47
ND03 SLS3-0.5	12/9/2003	12000	<5	12	130	<1	1.3	19000	16	10	16000	42	13000	1300	<0.083	22	3600	<5	<5	<100	<5	30	120
ND03 SLS30-0.5	12/9/2003	10000	<5	16	150	<1	<1	5600	17	12	15000	13	4000	1200	<0.083	21	2900	<5	<5	<100	<5	29	67
ND03 SLS31-0.5	12/9/2003	8000	<5	15	110	<1	<1	41000	12	7.1	12000	14	32000	810	<0.083	16	1500	<5	<5	<100	<5	24	65
ND03 SLS32-0.5	12/9/2003	10000	<5	19	350	<1	1.7	2600	13	11	21000	300	2500	960	<0.083	24	1800	<5	<5	<100	<5	28	1200
ND03 SLS33-0.5	12/9/2003	5500	<5	17	180	<1	2.2	1200	31	12	150000	190	1100	1000	<0.083	86	810	<5	<5	<100	<5	19	15000
ND03 SLS34-0.5	12/9/2003	3600	<5	5.2	47	<1	<1	220000	6.8	<5	6600	13	130000	420	<0.083	6.6	870	<5	<5	300	<5	13	310
ND03 SLS34-0.5*	12/9/2003	7900	<5	15	400	<1	1.9	3800	12	29	21000	41	2700	2800	<0.083	35	1500	<5	<5	<100	<5	30	1000
ND03 SLS4-0.5	12/9/2003	9400	<5	11	99	<1	1.1	32000	12	8.2	12000	22	21000	900	<0.083	18	2500	<5	<5	<100	<5	27	89
ND03 SLS5-0.5	12/9/2003	11000	<5	8.6	110	<1	1.3	39000	15	7.9	13000	28	32000	1000	<0.083	18	3000	<5	<5	<100	<5	28	120
ND03 SLS6-0.5	12/9/2003	8200	<5	8.2	92	<1	1.5	15000	11	6.7	10000	28	9600	820	<0.083	15	2200	<5	<5	<100	<5	21	88
ND03 SLS7-0.5	12/9/2003	9800	<5	11	150	<1	<1	6400	13	11	13000	17	5400	1500	<0.083	22	2400	<5	<5	<100	<5	26	64
ND03 SLS8-0.5	12/9/2003	12000	<5	13	160	<1	1.3	7500	17	11	16000	28	6000	1300	0.11	24	3300	<5	<5	<100	<5	30	110
ND03 SLS9-0.5	12/9/2003	8400	<5	8.3	140	<1	<1	6100	12	10	12000	17	4600	1500	<0.083	21	2000	<5	<5	<100	<5	25	60
ND03 SLS9-0.5*	12/9/2003	8900	<5	8.8	140	<1	<1	11000	12	11	12000	17	8000	1600	<0.083	22	2100	<5	<5	<100	<5	24	59
R-SRL		77000	31	10	5300	1.4	38	NE	2100	4600	23000 ^{PRG}	400	NE	3200	6.7	1500	NE	380	380	NE	10	540	23000
NR-SRL		1000000	680	10	110000	11	850	NE	4500	97000	100000 ^{PRG}	2000	NE	43000	180	34000	NE	8500	8500	NE	120	12000	510000
mg/kg = Milligrams per kilogram																							
* = Field duplicate sample																							
Bold indicates result above SRL																							
NR-SRL = Non-residential Soil Remediation Level listed in Appendix A of A.A.C. R18-7-201 et. Seq. for the particular analyte																							
R-SRL = Residential Soil Remediation Level listed in Appendix A of A.A.C. R18-7-201 et. Seq. for the particular analyte																							
NE = Not established																							

SVOCs IN SOIL AT NAAD03

Analyte	UNITS	ND03 SED1	ND03 SED2	ND03 SLS31-0.5	ND03 SLS32-0.5	NR-SRL	R-SRL
		12/9/2003	12/9/2003	12/9/2003	12/9/2003		
1,2,4-Trichlorobenzene	mg/kg	<0.5	<0.5	<0.5	<0.5	4700	570
1,2-Dichlorobenzene	mg/kg	<0.33	<0.33	<0.33	<0.33	3900	1100
1,3-Dichlorobenzene	mg/kg	<0.33	<0.33	<0.33	<0.33	2000	500
1,4-Dichlorobenzene	mg/kg	<0.33	<0.33	<0.33	<0.33	790	190
2,4,6-Trichlorophenol	mg/kg	<0.5	<0.5	<0.5	<0.5	1700	400
2,4-Dichlorophenol	mg/kg	<0.5	<0.5	<0.5	<0.5	2000	200
2,4-Dimethylphenol	mg/kg	<0.33	<0.33	<0.33	<0.33	14000	1300
2,4-Dinitrophenol	mg/kg	<2	<2	<2	<2	1400	130
2,4-Dinitrotoluene	mg/kg	<0.33	<0.33	<0.33	<0.33	1400	130
2,6-Dinitrotoluene	mg/kg	<0.33	<0.33	<0.33	<0.33	680	65
2-Chloronaphthalene	mg/kg	<0.33	<0.33	<0.33	<0.33	55000	5200
2-Chlorophenol	mg/kg	<0.33	<0.33	<0.33	<0.33	370	91
2-Methyl-4,6-dinitrophenol	mg/kg	<2	<2	<2	<2	NE	NE
2-Methylnaphthalene	mg/kg	<0.33	<0.33	<0.33	<0.33	NE	NE
2-Methylphenol	mg/kg	<0.33	<0.33	<0.33	<0.33	34000	3300
2-Nitrophenol	mg/kg	<0.33	<0.33	<0.33	<0.33	NE	NE
3,3'-Dichlorobenzidine	mg/kg	<1.7	<1.7	<1.7	<1.7	42	9.9
4-Bromophenylphenylether	mg/kg	<0.33	<0.33	<0.33	<0.33	NE	NE
4-Chloro-3-methylphenol	mg/kg	<0.33	<0.33	<0.33	<0.33	NE	NE
4-Chloroaniline	mg/kg	<0.66	<0.66	<0.66	<0.66	2700	260
4-Chlorophenylphenylether	mg/kg	<0.33	<0.33	<0.33	<0.33	NE	NE
4-Methylphenol	mg/kg	<0.5	<0.5	<0.5	<0.5	3400	330
4-Nitrophenol	mg/kg	<2	<2	<2	<2	NE	NE
Acenaphthene	mg/kg	<0.33	<0.33	<0.33	<0.33	29000 ^{PRG}	3700 ^{PRG}
Acenaphthylene	mg/kg	<0.33	<0.33	<0.33	<0.33	41000	3900
Anthracene	mg/kg	<0.33	<0.33	<0.33	<0.33	200000	20000
Azobenzene	mg/kg	<0.33	<0.33	<0.33	<0.33	170	40
Benzo(a)anthracene	mg/kg	<0.33	<0.33	<0.33	<0.33	26	6.1
Benzo(a)pyrene	mg/kg	<0.33	<0.33	<0.33	<0.33	2.6	0.61
Benzo(b)fluoranthene	mg/kg	<0.33	<0.33	<0.33	<0.33	26	6.1
Benzo(g,h,i)perylene	mg/kg	<0.33	<0.33	<0.33	<0.33	NE	NE
Benzo(k)fluoranthene	mg/kg	<0.33	<0.33	<0.33	<0.33	260	61
Benzoic acid	mg/kg	<5	<5	<5	<5	1000000	260000

SVOCs IN SOIL AT NAAD03

Analyte	UNITS	ND03 SED1	ND03 SED2	ND03 SLS31-0.5	ND03 SLS32-0.5	NR-SRL	R-SRL
		12/9/2003	12/9/2003	12/9/2003	12/9/2003		
Benzyl Alcohol	mg/kg	<0.33	<0.33	<0.33	<0.33	200000	20000
Bis(2-chloroethoxy)methane	mg/kg	<0.33	<0.33	<0.33	<0.33	NE	NE
Bis(2-chloroethyl)ether	mg/kg	<0.33	<0.33	<0.33	<0.33	0.97	0.43
Bis(2-chloroisopropyl)ether	mg/kg	<0.33	<0.33	<0.33	<0.33	67	25
Bis(2-ethylhexyl)phthalate	mg/kg	<0.33	<0.33	<0.33	<0.33	1400	320
Butylbenzylphthalate	mg/kg	<0.33	<0.33	<0.33	<0.33	140000	13000
Chrysene	mg/kg	<0.33	<0.33	<0.33	<0.33	2600	610
Dibenz(a,h)anthracene	mg/kg	<0.33	<0.33	<0.33	<0.33	2.6	0.61
Dibenzofuran	mg/kg	<0.33	<0.33	<0.33	<0.33	2700	260
Dibutylphthalate	mg/kg	<0.33	<0.33	<0.33	<0.33	68000	6500
Diethylphthalate	mg/kg	<0.33	<0.33	<0.33	<0.33	550000	52000
Dimethylphthalate	mg/kg	<0.33	<0.33	<0.33	<0.33	1000000	650000
Di-n-octylphthalate	mg/kg	<0.33	<0.33	<0.33	<0.33	14000	1300
Fluoranthene	mg/kg	<0.33	<0.33	<0.33	<0.33	27000	2600
Fluorene	mg/kg	<0.33	<0.33	<0.33	<0.33	27000	2600
Hexachlorobenzene	mg/kg	<0.33	<0.33	<0.33	<0.33	12	2.8
Hexachlorobutadiene	mg/kg	<0.33	<0.33	<0.33	<0.33	140	13
Hexachlorocyclopentadiene	mg/kg	<2	<2	<2	<2	4600	450
Hexachloroethane	mg/kg	<0.33	<0.33	<0.33	<0.33	680	65
Indeno(1,2,3-cd)pyrene	mg/kg	<0.33	<0.33	<0.33	<0.33	26	6.1
Isophorone	mg/kg	<0.33	<0.33	<0.33	<0.33	20000	4700
Naphthalene	mg/kg	<0.33	<0.33	<0.33	<0.33	27000	2600
Nitrobenzene	mg/kg	<0.33	<0.33	<0.33	<0.33	94	18
N-Nitrosodi-n-propylamine	mg/kg	<0.33	<0.33	<0.33	<0.33	2.7	0.63
N-Nitrosodiphenylamine	mg/kg	<0.33	<0.33	<0.33	<0.33	3900	910
Pentachlorophenol	mg/kg	<0.67	<0.67	<0.67	<0.67	79	25
Phenanthrene	mg/kg	<0.33	<0.33	<0.33	<0.33	NE	NE
Phenol	mg/kg	<0.33	<0.33	<0.33	<0.33	410000	39000
Pyrene	mg/kg	<0.33	<0.33	<0.33	<0.33	20000	2000
mg/kg = Milligrams per kilogram							
Bold indicates result above SRL							
NR-SRL = Non-residential Soil Remediation Level listed in Appendix A of A.A.C. R18-7-201 et. Seq. for the particular analyte							
R-SRL = Residential Soil Remediation Level listed in Appendix A of A.A.C. R18-7-201 et. Seq. for the particular analyte							
PRG = SRL not established. Preliminary remediation goal (PRG) is shown							
NE = Not established							

VOCs IN SOIL AT NAAD03

Sample		ND03 SED1	ND03 SED2	ND03 SLS32-0.5	NR-SRL	R-SRL
	UNITS	12/9/2003	12/9/2003	12/9/2003		
1,1,1,2-Tetrachloroethane	mg/kg	<0.3	<0.29	<0.38	54	23
1,1,1-Trichloroethane	mg/kg	<0.059	<0.057	<0.075	4800	1200
1,1,2,2-Tetrachloroethane	mg/kg	<0.12	<0.11	<0.15	11	4.4
1,1,2-Trichloroethane	mg/kg	<0.059	<0.057	<0.075	15	6.5
1,1-Dichloroethane	mg/kg	<0.059	<0.057	<0.075	1700	500
1,1-Dichloroethene	mg/kg	<0.12	<0.11	<0.15	0.8	0.36
1,1-Dichloropropene	mg/kg	<0.3	<0.29	<0.38	NE	NE
1,2,3-Trichlorobenzene	mg/kg	<0.3	<0.29	<0.38	NE	NE
1,2,3-Trichloropropane	mg/kg	<0.3	<0.29	<0.38	0.03	0.014
1,2,4-Trichlorobenzene	mg/kg	<0.3	<0.29	<0.38	4700	570
1,2,4-Trimethylbenzene	mg/kg	<0.3	<0.29	<0.38	170 ^{PRG}	52 ^{PRG}
1,2-Dibromo-3-chloropropane	mg/kg	<0.59	<0.57	<0.75	14	3.2
1,2-Dibromoethane	mg/kg	<0.59	<0.57	<0.75	0.2	0.049
1,2-Dichlorobenzene	mg/kg	<0.059	<0.057	0.079	3900	1100
1,2-Dichloroethane	mg/kg	<0.059	<0.057	<0.075	5.5	2.5
1,2-Dichloropropane	mg/kg	<0.059	<0.057	<0.075	6.8	3.1
1,3,5-Trimethylbenzene	mg/kg	<0.3	<0.29	<0.38	70 ^{PRG}	21 ^{PRG}
1,3-Dichlorobenzene	mg/kg	<0.059	<0.057	<0.075	2000	500
1,3-Dichloropropane	mg/kg	<0.3	<0.29	<0.38	NE	NE
1,4-Dichlorobenzene	mg/kg	<0.059	<0.057	<0.075	790	190
2,2-Dichloropropane	mg/kg	<0.3	<0.29	<0.38	NE	NE
2-Chloroethylvinylether	mg/kg	<0.59	<0.57	<0.75	NE	NE
2-Chlorotoluene	mg/kg	<0.3	<0.29	<0.38	550	160
2-Hexanone	mg/kg	<0.59	<0.57	<0.75	NE	NE
4-Chlorotoluene	mg/kg	<0.3	<0.29	<0.38	NE	NE
Acetone	mg/kg	<1.8	<1.7	<2.3	8800	2100
Benzene	mg/kg	<0.059	<0.057	<0.075	1.4	0.62
Bromobenzene	mg/kg	<0.3	<0.29	<0.38	92 ^{PRG}	28 ^{PRG}
Bromochloromethane	mg/kg	<0.059	<0.057	<0.075	NE	NE
Bromodichloromethane	mg/kg	<0.059	<0.057	<0.075	14	6.3
Bromoform	mg/kg	<0.12	<0.11	<0.15	2400	560
Bromomethane	mg/kg	<0.59	<0.57	<0.75	23	6.8
Carbon Disulfide	mg/kg	<0.59	<0.57	<0.75	24	7.5
Carbon Tetrachloride	mg/kg	<0.059	<0.057	<0.075	5	1.6
Chlorobenzene	mg/kg	<0.059	<0.057	<0.075	220	65
Chlorodibromomethane	mg/kg	<0.059	<0.057	<0.075	230	53
Chloroethane	mg/kg	<0.59	<0.57	<0.75	6.5 ^{PRG}	3 ^{PRG}

VOCs IN SOIL AT NAAD03

Sample		ND03 SED1	ND03 SED2	ND03 SLS32-0.5	NR-SRL	R-SRL
	UNITS	12/9/2003	12/9/2003	12/9/2003		
Chloroform	mg/kg	<0.059	<0.057	<0.075	5.3	2.5
Chloromethane	mg/kg	<0.59	<0.57	<0.75	26	12
cis-1,2-Dichloroethene	mg/kg	<0.059	<0.057	<0.075	100	31
cis-1,3-Dichloropropene	mg/kg	<0.059	<0.057	<0.075	NE	NE
Dibromomethane	mg/kg	<0.3	<0.29	<0.38	230 ^{PRG}	67 ^{PRG}
Dichlorodifluoromethane (Freon 12)	mg/kg	<0.59	<0.57	<0.75	310	94
Ethylbenzene	mg/kg	<0.12	<0.11	<0.15	2700	1500
Hexachlorobutadiene	mg/kg	<0.59	<0.57	<0.75	140	13
Iodomethane	mg/kg	<0.59	<0.57	<0.75	NE	NE
Isopropylbenzene	mg/kg	<0.3	<0.29	<0.38	2000 ^{PRG}	570 ^{PRG}
Methyl ethyl ketone	mg/kg	<0.59	<0.57	<0.75	27000	7100
Methyl isobutyl ketone	mg/kg	<0.59	<0.57	<0.75	2800	770
Methyl tertbutyl ether	mg/kg	<0.3	<0.29	<0.38	3300	320
Methylene chloride	mg/kg	<0.59	<0.57	<0.75	180	77
Naphthalene	mg/kg	<0.3	<0.29	<0.38	27000	2600
N-Butylbenzene	mg/kg	<0.3	<0.29	<0.38	240 ^{PRG}	240 ^{PRG}
N-Propylbenzene	mg/kg	<0.3	<0.29	<0.38	240 ^{PRG}	240 ^{PRG}
p-Isopropyltoluene	mg/kg	<0.3	<0.29	<0.38	NE	NE
sec-Butylbenzene	mg/kg	<0.3	<0.29	<0.38	220 ^{PRG}	220 ^{PRG}
Styrene	mg/kg	<0.3	<0.29	<0.38	3300	3300
tert-Butylbenzene	mg/kg	<0.3	<0.29	<0.38	390 ^{PRG}	390 ^{PRG}
Tetrachloroethene	mg/kg	<0.059	<0.057	<0.075	170	53
Toluene	mg/kg	<0.12	<0.11	<0.15	2700	790
trans-1,2-Dichloroethene	mg/kg	<0.059	<0.057	<0.075	270	78
trans-1,3-Dichloropropene	mg/kg	<0.059	<0.057	<0.075	1.8 ^{PRG}	0.78 ^{PRG}
Trichloroethene	mg/kg	<0.059	<0.057	<0.075	70	27
Trichlorofluoromethane (Freon 11)	mg/kg	<0.59	<0.57	<0.75	1300	380
Vinyl acetate	mg/kg	<0.59	<0.57	<0.75	2600	780
Vinyl chloride	mg/kg	<0.59	<0.57	<0.75	0.035	0.016
Xylenes, total	mg/kg	<0.18	<0.17	<0.23	420	270

mg/kg = Milligrams per kilogram
NR-SRL = Non-residential Soil Remediation Level listed in Appendix A of A.A.C. R18-7-201 et. Seq. for the particular analyte
R-SRL = Residential Soil Remediation Level listed in Appendix A of A.A.C. R18-7-201 et. Seq. for the particular analyte
PRG = SRL not established. Preliminary remediation goal (PRG) is shown
NE = Not established

EXPLOSIVES IN SOIL AT NAAD03

SAMPLE ID	SAMPLE DATE	1,3,5-Trinitrobenzene (mg/Kg)	1,3-Dinitrobenzene (mg/Kg)	2,4,6-Trinitrotoluene (TNT) (mg/Kg)	2,4-Dinitrotoluene (mg/Kg)	2,6-Dinitrotoluene (mg/Kg)	2-Amino-4,6-dinitrotoluene (mg/Kg)	2-Nitrotoluene (mg/Kg)	3-Nitrotoluene (mg/Kg)	4-Amino-2,6-dinitrotoluene (mg/Kg)	4-Nitrotoluene (mg/Kg)	HMX (mg/Kg)	Nitrobenzene (mg/Kg)	RDX (mg/Kg)	TETRYL (mg/Kg)
ND03 SED1	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SED2	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS1-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS10-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS11-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS12-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS13-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS14-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS14-0.5*	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS15-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS16-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS17-0.5	12/10/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS18-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS19-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS2-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS20-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS21-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS22-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS23-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS24-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS25-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS26-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS27-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS28-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS28-0.5*	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS29-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS3-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS30-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS31-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS32-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS33-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS34-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS34-0.5*	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS4-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS5-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS6-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS7-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS8-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS9-0.5	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ND03 SLS9-0.5*	12/9/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
VOLCAN SED 1	12/8/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
VOLCAN SED 2	12/8/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
VOLCAN SED 3	12/8/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
VOLCAN SED 4	12/8/2003	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
R-SRL		3.3	6.5	33	130	65	NE	NE	650	NE	650	3300	18	40	NE
NR-SRL		34	68	340	1400	680	NE	NE	6800	NE	6800	34000	94	170	NE

mg/kg = Milligrams per kilogram
 * = Field duplicate sample
 NR-SRL = Non-residential Soil Remediation Level listed in Appendix A of A.A.C. R18-7-201 et. Seq. for the particular analyte
 R-SRL = Residential Soil Remediation Level listed in Appendix A of A.A.C. R18-7-201 et. Seq. for the particular analyte
 NE = Not established

PICRIC ACID AND WHITE PHOSPHORUS IN SOIL AT NAAD03

SAMPLE ID	SAMPLE DATE	PICRIC ACID (mg/kg)	WHITE PHOSPHORUS (µg/kg)
ND03 SED1	12/9/2003	<0.035	<4.1
ND03 SED2	12/9/2003	<0.035	<4.1
ND03 SLS1-0.5	12/9/2003	<0.033	<3.9
ND03 SLS10-0.5	12/9/2003	<0.032	<3.7
ND03 SLS11-0.5	12/9/2003	<0.033	<3.8
ND03 SLS12-0.5	12/9/2003	<0.034	<3.9
ND03 SLS13-0.5	12/9/2003	<0.033	<3.8
ND03 SLS14-0.5	12/9/2003	<0.036	<4
ND03 SLS14-0.5*	12/9/2003	<0.034	<4
ND03 SLS15-0.5	12/9/2003	<0.033	<3.9
ND03 SLS16-0.5	12/9/2003	<0.034	<4.1
ND03 SLS17-0.5	12/9/2003	<0.034	<4
ND03 SLS18-0.5	12/9/2003	<0.033	<3.8
ND03 SLS19-0.5	12/9/2003	<0.032	<4
ND03 SLS2-0.5	12/9/2003	<0.033	<3.9
ND03 SLS20-0.5	12/9/2003	<0.034	<3.9
ND03 SLS21-0.5	12/9/2003	<0.034	<4
ND03 SLS22-0.5	12/9/2003	<0.034	<4
ND03 SLS23-0.5	12/9/2003	<0.033	<3.9
ND03 SLS24-0.5	12/9/2003	<0.034	<4
ND03 SLS25-0.5	12/9/2003	<0.035	<4.1
ND03 SLS26-0.5	12/9/2003	<0.035	<4
ND03 SLS27-0.5	12/9/2003	<0.032	<3.8
ND03 SLS28-0.5	12/9/2003	<0.038	<4.5
ND03 SLS28-0.5*	12/9/2003	<0.038	<4.4
ND03 SLS29-0.5	12/9/2003	<0.033	<3.9
ND03 SLS3-0.5	12/9/2003	<0.035	<4.2
ND03 SLS30-0.5	12/9/2003	<0.036	<4.2
ND03 SLS31-0.5	12/9/2003	<0.035	<4
ND03 SLS32-0.5	12/9/2003	<0.036	<4.4
ND03 SLS33-0.5	12/9/2003	<0.032	<5.2
ND03 SLS34-0.5	12/9/2003	<0.035	<3.9
ND03 SLS34-0.5*	12/9/2003	<0.036	<3.9
ND03 SLS4-0.5	12/9/2003	<0.033	<3.9
ND03 SLS5-0.5	12/9/2003	<0.034	<4
ND03 SLS6-0.5	12/9/2003	<0.036	<4.3
ND03 SLS7-0.5	12/9/2003	<0.033	<3.8
ND03 SLS8-0.5	12/9/2003	<0.036	<4.2
ND03 SLS9-0.5	12/9/2003	<0.033	<3.8
ND03 SLS9-0.5*	12/9/2003	<0.033	<3.8
VOLCAN SED 1	12/8/2003	<0.031	<3.6
VOLCAN SED 2	12/8/2003	<0.038	<4.7
VOLCAN SED 3	12/8/2003	<0.035	<4
VOLCAN SED 4	12/8/2003	<0.035	<4

mg/kg = Milligrams per kilogram
 * = Field duplicate sample

8290 IN SOIL AT NAAD03

		ND03 SED1	ND03 SED2	ND03 SLS32-0.5	VOLCAN SED 1	VOLCAN SED 2	VOLCAN SED 3	VOLCAN SED 4	NR-SRL	R-SRL
	UNITS	12/9/03	12/9/03	12/9/03	12/8/03	12/8/03	12/8/03	12/8/03		
1,2,3,4,6,7,8,9-OCDD	pg/g	1360	3700	457	<10	<9.9	69.5	33.9	NE	NE
1,2,3,4,6,7,8,9-OCDF	pg/g	<10	68.1	61	<10	<9.9	<10	<10	NE	NE
1,2,3,4,6,7,8-HpCDD	pg/g	169	349	75.4	<5	<5	11.9	6.4	NE	NE
1,2,3,4,6,7,8-HpCDF	pg/g	9.3	27.7	44.9	<5	<5	<5	<5	NE	NE
1,2,3,4,7,8,9-HpCDF	pg/g	<5	<5	4.5	<5	<5	<5	<5	NE	NE
1,2,3,4,7,8-HxCDD	pg/g	2.7	7.4	2.4	<5	<5	<5	<5	NE	NE
1,2,3,4,7,8-HxCDF	pg/g	1.9	4.3	9.7	<5	<5	<5	<5	NE	NE
1,2,3,6,7,8-HxCDD	pg/g	5	12.2	3.2	<5	<5	<5	<5	NE	NE
1,2,3,6,7,8-HxCDF	pg/g	0.82	2.4	3.9	<5	<5	<5	<5	NE	NE
1,2,3,7,8,9-HxCDD	pg/g	7.8	25.3	6	<5	<5	<5	<5	3100	720
1,2,3,7,8,9-HxCDF	pg/g	<5	1.1	0.79	<5	<5	<5	<5	NE	NE
1,2,3,7,8-PeCDD	pg/g	2.2	7	1.5	<5	<5	<5	<5	NE	NE
1,2,3,7,8-PeCDF	pg/g	<5	<5	1.1	<5	<5	<5	<5	NE	NE
2,3,4,6,7,8-HxCDF	pg/g	1.2	<5	4.2	<5	<5	<5	<5	NE	NE
2,3,4,7,8-PeCDF	pg/g	<5	<5	2.7	<5	<5	<5	<5	NE	NE
2,3,7,8-TCDD	pg/g	<1	<1	<1	<1	<1	<1	<1	240	38
2,3,7,8-TCDF	pg/g	0.53	0.98	0.91	<1	<1	<1	<1	NE	NE
Total HpCDD	pg/g	347	730	144	<5	<5	24.5	12.8	NE	NE
Total HpCDF	pg/g	29.9	72.9	73.9	<5	<5	<5	<5	NE	NE
Total HxCDD	pg/g	57.1	143	33.4	<5	<5	<5	<5	3100 ¹	720 ¹
Total HxCDF	pg/g	16.2	48.5	48.3	<5	<5	<5	<5	NE	NE
Total PeCDD	pg/g	4.5	34	3.9	<5	<5	<5	<5	NE	NE
Total PeCDF	pg/g	2.2	5.2	28.8	<5	<5	<5	<5	NE	NE
Total TCDD	pg/g	2.6	20.6	0.79	<1	<1	<1	<1	240 ²	38 ²
Total TCDF	pg/g	11.3	18.5	20.9	<1	<1	<1	<1	NE	NE

pg/g = Picograms per gram (parts per trillion)

NR-SRL = Non-residential Soil Remediation Level listed in Appendix A of A.A.C. R18-7-201 et. Seq. for the particular analyte

R-SRL = Residential Soil Remediation Level listed in Appendix A of A.A.C. R18-7-201 et. Seq. for the particular analyte

NE = Not established

¹ = SRLs for Total HxCDD not established. The SRL for 1,2,3,7,8,9-HxCDD are shown

² = SRLs for Total TCDD not established. The SRL for 2,3,7,8-TCDD are shown

CHLORINATED PESTICIDES IN SOIL AT NAAD03

ANALYTE	UNITS	ND03 SED1 12/9/2003	ND03 SED2 12/9/2003	ND03 SLS31-0.5 12/9/2003	ND03 SLS32-0.5 12/9/2003	NR-SRL	R-SRL
4,4'-DDD	mg/kg	<0.05	<0.1	<0.01	<0.05	80	19
4,4'-DDE	mg/kg	<0.05	<0.1	<0.01	<0.05	56	13
4,4'-DDT	mg/kg	<0.05	<0.2	<0.01	<0.05	56	13
Aldrin	mg/kg	<0.05	<0.1	<0.01	<0.05	1.1	0.26
BHC, alpha isomer	mg/kg	<0.05	<0.1	<0.01	<0.05	3	0.71
BHC, beta isomer	mg/kg	<0.05	<0.1	<0.01	<0.05	11	2.5
BHC, gamma isomer (Lindane)	mg/kg	<0.05	<0.1	<0.01	<0.05	15	3.4
BHC, delta isomer	mg/kg	<0.05	<0.1	<0.01	<0.05	NE	NE
Chlordane	mg/kg	<0.5	<1	<0.1	<0.5	15	3.4
Dieldrin	mg/kg	<0.05	<0.1	<0.01	<0.05	1.2	0.28
Endosulfan I	mg/kg	<0.05	<0.1	<0.01	<0.05	4100	390
Endosulfan II	mg/kg	<0.05	<0.1	<0.01	<0.05	4100	390
Endosulfan sulfate	mg/kg	<0.05	<0.1	<0.01	<0.05	NE	NE
Endrin	mg/kg	<0.05	<0.1	<0.01	<0.05	200	20
Endrin aldehyde	mg/kg	<0.05	<0.1	<0.01	<0.05	NE	NE
Heptachlor	mg/kg	<0.05	<0.1	<0.01	<0.05	4.2	0.99
Heptachlor epoxide	mg/kg	<0.05	<0.1	<0.01	<0.05	2.1	0.49
Methoxychlor	mg/kg	<0.05	<0.1	<0.01	<0.05	3400	330
Toxaphene	mg/kg	<0.5	<1	<0.1	<0.5	17	4
mg/kg = Milligrams per kilogram							
NR-SRL = Non-residential Soil Remediation Level listed in Appendix A of A.A.C. R18-7-201 et. Seq. for the particular analyte							
R-SRL = Residential Soil Remediation Level listed in Appendix A of A.A.C. R18-7-201 et. Seq. for the particular analyte							
NE = Not established							

PCBs IN SOIL AT NAAD03

ANALYTE	UNITS	ND03 SED1	ND03 SED2	ND03 SLS31-0.5	ND03 SLS32-0.5	NR-SRL	R-SRL
		12/9/2003	12/9/2003	12/9/2003	12/9/2003		
Aroclor 1016	mg/kg	<0.17	<0.33	<0.033	<0.17	13	2.5
Aroclor 1221	mg/kg	<0.5	<1	<0.1	<0.5	13	2.5
Aroclor 1232	mg/kg	<0.33	<0.67	<0.067	<0.33	13	2.5
Aroclor 1242	mg/kg	<0.17	<0.33	<0.033	<0.17	13	2.5
Aroclor 1248	mg/kg	<0.17	<0.33	<0.033	<0.17	13	2.5
Aroclor 1254	mg/kg	<0.17	<0.33	<0.033	<0.17	13	2.5
Aroclor 1260	mg/kg	<0.17	<0.33	<0.033	<0.17	13	2.5
mg/kg = Milligrams per kilogram							
NR-SRL = Non-residential Soil Remediation Level listed in Appendix A of A.A.C. R18-7-201 et. Seq. for the particular analyte							
R-SRL = Residential Soil Remediation Level listed in Appendix A of A.A.C. R18-7-201 et. Seq. for the particular analyte							