APPENDIX I
LABORATORY ANALYTICAL RESULTS

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Load Line 2 Appendix I

Table I-1. Surface Soil Inorganics

Location	Change Houses Aggregate	Change Houses Aggregate	Change Houses Aggregate	Change Houses Aggregate	Change Houses Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate
Station	**DB22-01**	**DB22-02**	**DB8-01**	**DB8-01**	**DB8-02**	**LL2-064**	**LL2-065**	**LL2-066**
Sample ID	**LL0739**	**LL0740**	**LL0737**	**LL0743**	**LL0738**	**LL20684**	**LL20687**	**LL20690**
Customer ID	**LL2ss-22-01-0739-SO**	**LL2ss-22-02-0740-SO**	**LL2ss-8-01-0737-SO**	**LL2ss-8-01-0743-SO**	**LL2ss-8-02-0738-SO**	**LL2ss-064-0684-SO**	**LL2ss-065-0687-SO**	**LL2ss-066-0690-SO**
Date	**11/04/1999**	**11/04/1999**	**11/04/1999**	**11/04/1999**	**11/04/1999**	**07/24/2001**	**07/24/2001**	**07/26/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
Aluminum	5510 J	7150 J	14100 J	10600 J	4060 J	8680 =	8670 =	11200 =
Antimony	1.2 J *	0.61 J	1.2 UJ	1.2 UJ	0.56 J	1.2 UJ	1.1 UJ	1.3 UJ
Arsenic	8.1 =	9.1 =	13.8 =	10.5 =	4.8 =	13.7 =	13.5 =	17.4 = *
Barium	38.5 =	68.8 =	67 =	53.2 =	38.4 =	49.5 =	51.7 =	88.7 = *
Beryllium	0.25 U	0.49 U	0.61 U	0.51 U	0.22 U	0.47 J	0.54 J	0.66 =
Cadmium	0.68 = *	1.5 = *	0.59 U	0.59 U	0.51 J *	0.6 U	0.55 U	0.15 U
Calcium	2520 =	2210 =	17100 = *	8880 =	1150 =	1810 =	1160 =	2460 =
Chromium	11.9 =	19.9 = *	19.5 = *	16 =	8.1 =	20.1 J *	12.6 J	13.1 =
Chromium, hexavalent								
Cobalt	5 =	11.2 = *	10.6 = *	9.3 =	4.2 U	9.2 J	8.8 J	10 J
Copper	17.1 J	18.7 J *	19.8 J *	26 J *	24.6 J *	29.4 = *	21.4 = *	30.4 = *
Cyanide	0.64 U	0.69 U	0.59 U	0.59 U	0.59 U	0.6 U		0.63 U
Iron	13700 =	17700 =	26700 = *	21600 =	13700 =	26900 J *	20800 J	23000 =
Lead	73.8 = *	94.7 = *	17.3 =	12.7 =	44.5 = *	19.1 =	18.4 =	40.9 = *
Magnesium	1450 =	1870 =	7690 = *	3830 = *	915 =	2120 =	2180 =	2070 =
Manganese	298 =	548 =	375 =	306 =	356 =	426 =	400 =	1390 J
Mercury	0.087 U	0.096 U	0.039 U	0.045 U	0.073 U	0.027 J	0.0099 J	0.072 J *
Nickel	13 =	27.3 = *	25.3 = *	22 = *	9 =	20.4 =	21.6 = *	16 =
Potassium	758 =	1550 = *	3020 = *	2160 = *	637 =	852 =	772 =	658 =
Selenium	0.64 U	0.64 J	0.59 U	0.59 U	0.59 U	2.4 U	2.2 U	0.5 J
Silver	1.3 U	1.4 U	1.2 U	1.2 U	1.2 U	0.6 U	0.55 U	0.63 U
Sodium	643 UJ	689 UJ	587 UJ	593 UJ	587 UJ	603 U	555 U	632 U
Thallium	0.3 U	0.41 U	0.36 U	0.37 U	0.33 U	0.47 = *	0.47 = *	0.49 U
Vanadium	9.6 =	14.2 =	23.3 =	17.2 =	7.4 =	13.9 =	14.4 =	19.1 =
Zinc	136 = *	264 = *	68 = *	60.3 =	73.1 = *	73.2 = *	65.5 = *	92.7 = *

Table I-1. Surface Soil Inorganics (continued)

Location	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate
Station	**LL2-067**	**LL2-067**	**LL2-068**	**LL2-069**	**LL2-071**	**LL2-072**	**LL2-073**	**LL2-074**
Sample ID	**LL20693**	**LL21182**	**LL20696**	**LL20699**	**LL20703**	**LL20706**	**LL20709**	**LL20712**
Customer ID	**LL2ss-067-0693-SO**	**LL2ss-067-1182-SO**	**LL2ss-068-0696-SO**	**LL2ss-069-0699-SO**	**LL2ss-071-0703-SO**	**LL2ss-072-0706-SO**	**LL2ss-073-0709-SO**	**LL2ss-074-0712-SO**
Date	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/25/2001**	**07/25/2001**	**07/24/2001**	**07/24/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
Aluminum	9030 =	9110 =	10900 =	12200 =	5670 =	7520 =	11300 =	6370 =
Antimony	1.3 UJ	1.2 UJ	1.1 UJ	1.1 UJ	1.3 UJ	1.2 UJ	1.1 UJ	1.1 UJ
Arsenic	24.7 = *	74.4 = *	11.3 =	10 =	49.1 = *	12.3 =	16.8 = *	12.3 =
Barium	46.6 =	49.7 =	69.7 =	86.5 =	34.2 =	37.2 =	59.2 =	32.5 =
Beryllium	0.62 J	0.65 =	0.91 = *	1.2 = *	0.45 U	0.49 J	0.7 =	0.35 J
Cadmium	0.63 U	0.61 U	0.3 J *	0.56 U	0.65 U	0.6 U	0.55 U	0.53 U
Calcium	5040 =	8590 =	11500 =	22800 = *	3430 =	2610 =	8110 =	2140 =
Chromium	8.4 =	9.5 =	22.8 = *	12.6 =	6.1 J	16.7 J	13.2 J	7.8 J
Chromium, hexavalent								
Cobalt	8.1 J	5.5 J	6.3 J	8.1 J	3.5 J	6.9 J	6.8 J	5.4 J
Copper	16.8 =	23.1 = *	16.7 =	13.1 =	12.2 =	24.1 = *	19.6 = *	17.7 =
Cyanide					0.65 U			
Iron	13100 =	16000 =	19100 =	20600 =	11000 J	18900 J	20000 J	15500 J
Lead	17.7 =	13.3 =	60.1 = *	26.7 = *	9.6 =	41.2 = *	16.7 =	12.7 =
Magnesium	1880 =	2370 =	4060 = *	5610 = *	1510 =	2180 =	3050 = *	1590 =
Manganese	250 J	681 J	654 J	1240 J	307 =	374 =	351 =	252 =
Mercury	0.011 J	0.025 J	0.044 J *	0.038 J *	0.13 U	0.021 J	0.021 J	0.11 U
Nickel	10.9 =	12.7 =	15 =	10.9 =	8.3 =	14.4 =	16.5 =	12.5 =
Potassium	431 U	497 J	906 =	776 =	396 J	515 J	889 =	537 =
Selenium	2.5 U	2.5 U	0.37 J	0.44 J	0.47 J	2.4 U	0.37 J	2.1 U
Silver	0.63 U	0.61 U	0.57 U	0.56 U	0.65 U	0.6 U	0.55 U	0.53 U
Sodium	631 U	614 U	571 U	84.7 J	645 U	599 U	546 U	532 U
Thallium	0.4 U	0.48 U	0.45 = *	0.45 = *	0.37 U	0.47 = *	0.38 U	0.4 = *
Vanadium	13.3 =	11.9 =	14.8 =	16.9 =	8.5 =	13.5 =	15.1 =	10.6 =
Zinc	52.2 =	55.6 =	396 = *	56.5 =	42.6 =	57.1 =	53.8 =	54.2 =

Table I-1. Surface Soil Inorganics (continued)

Location	Packaging and Shipping Areas Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-076**	**LL2-078**	**LL2-078**	**LL2-079**	**LL2-080**	**LL2-080**	**LL2-081**	**LL2-082**
Sample ID	**LL20716**	**LL20720**	**LL21171**	**LL20723**	**LL20726**	**LL21176**	**LL20729**	**LL20732**
Customer ID	**LL2ss-076-0716-SO**	**LL2ss-078-0720-SO**	**LL2ss-078-1171-SO**	**LL2ss-079-0723-SO**	**LL2ss-080-0726-SO**	**LL2ss-080-1176-SO**	**LL2ss-081-0729-SO**	**LL2ss-082-0732-SO**
Date	**07/25/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/25/2001**	**07/25/2001**	**07/25/2001**	**07/25/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**
Analyte (mg/kg)								
Aluminum	9970 =	20900 = *	19000 = *	10500 =	8440 =	6260 =	9860 =	10100 =
Antimony	1.1 R	1.3 UJ	1.3 UJ	1.2 UJ	1.1 UJ	1.1 R	1.2 UJ	1.2 UJ
Arsenic	13.9 =	6.3 =	6.3 =	10.5 =	9.5 =	6.4 =	5.3 =	8.8 =
Barium	59.7 =	226 = *	212 = *	60.5 =	68.8 =	43.6 =	61.3 =	84.4 =
Beryllium	0.62 =	2.9 = *	2.5 = *	0.54 J	0.47 U	0.36 U	0.41 U	0.53 J
Cadmium	0.55 U	0.88 = *	0.37 J *	0.58 U	0.64 = *	0.11 J *	0.32 J *	2.1 = *
Calcium	1540 =	97100 = *	73900 = *	1170 =	2910 =	1800 =	2300 =	5560 =
Chromium	14.6 =	13 =	12 =	12.4 =	11.5 =	8 =	10.7 =	27.9 = *
Chromium, hexavalent								
Cobalt	8.7 J	3.4 =	3.9 =	7.4 =	6 =	13.4 J *	3.3 =	5.6 =
Copper	21.5 = *	98.1 = *	80.2 = *	14.3 =	25.2 = *	12.2 =	18.5 = *	25.3 = *
Cyanide	0.55 U							
Iron	23700 = *	13500 =	10400 =	19400 =	17100 =	12300 =	18300 =	19600 =
Lead	22.2 =	36.8 = *	31 = *	21 =	43.6 = *	19 =	30.5 = *	289 = *
Magnesium	1900 =	14200 = *	15200 = *	1790 =	1940 =	1450 =	1110 =	1950 =
Manganese	643 J	2180 = *	1690 = *	619 =	320 =	238 J	124 =	240 =
Mercury	0.026 J	0.021 J	0.028 J	0.025 J	0.018 J	0.012 J	0.038 J *	0.029 J
Nickel	13.7 =	6.7 =	8.7 =	14 =	16.4 =	12 =	10.1 =	17.9 =
Potassium	711 =	1960 = *	1770 = *	731 =	894 =	679 =	855 =	719 =
Selenium	0.6 J	0.96 J	0.77 J	0.64 J	0.49 J	2.2 U	0.38 J	0.55 J
Silver	0.55 U	0.63 U	0.63 U	0.58 U	0.56 U	0.55 U	0.58 U	0.58 U
Sodium	551 U	208 J *	227 J *	578 U	562 U	552 U	585 U	577 U
Thallium	0.72 = *	0.33 UJ	0.32 U	0.5 = *	0.46 = *	0.66 = *	0.48 = *	0.47 = *
Vanadium	20.7 =	12.1 =	10.8 =	18.7 =	12.7 =	9.1 =	13.5 =	15.1 =
Zinc	107 = *	49.9 =	52.8 =	54.6 =	126 = *	60.7 =	53.7 =	243 = *

Table I-1. Surface Soil Inorganics (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-083**	**LL2-086**	**LL2-086**	**LL2-087**	**LL2-087**	**LL2-088**	**LL2-089**	**LL2-090**
Sample ID	**LL20735**	**LL20740**	**LL21168**	**LL20743**	**LL21177**	**LL20746**	**LL20749**	**LL20752**
Customer ID	**LL2ss-083-0735-SO**	**LL2ss-086-0740-SO**	**LL2ss-086-1168-SO**	**LL2ss-087-0743-SO**	**LL2ss-087-1177-SO**	**LL2ss-088-0746-SO**	**LL2ss-089-0749-SO**	**LL2ss-090-0752-SO**
Date	**07/25/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
Aluminum	8420 =	9270 =	7900 =	9560 =	10500 =	2850 =	9950 =	5200 =
Antimony	1.1 UJ	1.2 UJ	1.1 UJ	1.2 UJ	1.2 UJ	1.1 UJ	1.2 UJ	1.1 UJ
Arsenic	3.1 =	9.1 =	8.4 =	8.6 =	7.1 =	8.1 =	12.4 =	9.8 =
Barium	47.6 =	106 = *	86.2 =	84.2 =	94.4 = *	14.7 =	64.7 =	43.1 =
Beryllium	0.28 U	0.57 J	0.5 U	0.63 =	0.78 =	0.21 U	0.55 J	0.59 =
Cadmium	0.56 U	1.9 = *	1.2 = *	3.3 = *	3.4 = *	0.072 J *	0.59 U	0.21 U
Calcium	1060 =	11900 =	14200 =	5970 =	10000 =	3370 =	2190 =	6170 =
Chromium	7.1 =	15.9 =	11.6 =	12.9 =	13.9 =	4.4 =	12.4 =	9.2 =
Chromium, hexavalent								
Cobalt	1.5 =	5.7 =	5.2 =	6.3 J	4.4 J	3.2 =	8.2 =	3 J
Copper	4 =	17.9 = *	16.6 =	16.1 =	13.7 =	12.2 =	14.1 =	9.4 =
Cyanide								
Iron	7010 =	16100 =	16600 =	16200 =	13900 =	11600 =	20100 =	12600 =
Lead	10.4 =	210 = *	85.3 = *	52.4 = *	47.1 = *	13.6 =	19.2 =	30.4 = *
Magnesium	774 =	3090 = *	2120 =	1900 =	2450 =	1460 =	1750 =	2050 =
Manganese	39.2 =	386 J	434 J	334 J	376 J	193 J	320 J	272 J
Mercury	0.013 J	0.035 J	0.014 J	0.08 J *	0.056 J *	0.11 U	0.021 J	0.025 J
Nickel	4.6 =	14.1 =	13.6 =	12.4 =	11.9 =	7.7 =	15.4 =	9.5 =
Potassium	620 =	843 =	786 =	912 =	979 = *	291 J	777 =	506 J
Selenium	0.48 J	0.78 J	0.69 J	0.58 J	2.4 U	2.2 U	0.78 J	0.46 J
Silver	0.56 U	0.58 U	0.56 U	0.62 U	0.61 U	0.54 U	0.59 U	0.55 U
Sodium	564 U	575 U	563 U	622 U	611 U	543 U	594 U	552 U
Thallium	0.35 = *	0.61 = *	0.7 = *	0.47 = *	0.43 = *	0.5 = *	0.42 = *	0.38 = *
Vanadium	10.4 =	13.2 =	11.5 =	13.6 =	12.6 =	5.5 =	15.7 =	8.2 =
Zinc	22.5 =	192 = *	130 = *	100 = *	92.9 = *	54.4 =	57.9 =	63.4 = *

Table I-1. Surface Soil Inorganics (continued)

Location	Explosives Handling Areas Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-093**	**LL2-094**	**LL2-095**	**LL2-096**	**LL2-096**	**LL2-097**	**LL2-098**	**LL2-098**
Sample ID	**LL20757**	**LL20760**	**LL20763**	**LL20766**	**LL21169**	**LL20769**	**LL20772**	**LL21164**
Customer ID	**LL2ss-093-0757-SO**	**LL2ss-094-0760-SO**	**LL2ss-095-0763-SO**	**LL2ss-096-0766-SO**	**LL2ss-096-1169-SO**	**LL2ss-097-0769-SO**	**LL2ss-098-0772-SO**	**LL2ss-098-1164-SO**
Date	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Field Duplicate**
Analyte (mg/kg)								
Aluminum	9820 =	12700 =	2810 =	9180 =	8120 =	7620 =	9500 =	9440 =
Antimony	1.1 UJ	0.78 J	1.1 UJ	1.2 UJ	1.2 UJ	180 J *	1.2 UJ	1.2 UJ
Arsenic	9.3 =	13.4 =	7.9 =	4.2 =	3.8 =	7.1 =	10.6 =	11 =
Barium	58.1 =	76.5 =	14.5 =	61.3 =	56.5 =	80 =	69 =	67 =
Beryllium	0.45 U	0.63 =	0.19 U	0.76 =	0.86 =	0.71 =	0.73 J	0.79 J
Cadmium	0.57 U	3.1 = *	0.54 U	0.076 U	0.6 U	0.26 J *	0.06 U	0.053 U
Calcium	2120 =	4600 =	6200 =	1740 =	1410 =	3070 J	6300 =	7120 =
Chromium	11.5 =	17.6 = *	4 =	16.6 =	17.6 = *	144 = *	14.2 =	14.1 =
Chromium, hexavalent								
Cobalt	4.4 =	8.3 =	3.1 =	11.6 = *	14.6 = *	18.5 = *	8.7 =	8.9 =
Copper	10.5 =	45.1 = *	9.2 =	19.4 = *	18.9 = *	36.7 = *	17.9 = *	18 = *
Cyanide							0.59 U	0.82 = *
Iron	17200 =	24800 = *	10300 =	19300 =	22200 =	18700 =	22100 J	23000 J
Lead	15.6 =	65.1 = *	15.8 =	11.6 =	11.7 =	815 = *	19.2 J	18.4 J
Magnesium	1410 =	2090 =	1760 =	2220 =	2120 =	1890 =	2760 =	2900 =
Manganese	179 J	287 =	366 =	338 =	392 =	752 =	486 =	472 =
Mercury	0.025 J	0.055 J *	0.11 U	0.014 J	0.02 J	0.033 J	0.02 J	0.015 J
Nickel	10.9 =	15.8 =	7.6 =	26.6 = *	28.3 = *	20.9 =	22.1 = *	22 = *
Potassium	985 = *	1250 = *	232 J	1070 = *	1030 = *	978 J *	1230 = *	1220 = *
Selenium	2.3 U	0.51 J	0.37 J	0.43 J	0.48 J	0.51 U	2.4 U	2.3 U
Silver	0.57 U	0.59 U	0.54 U	0.62 U	0.6 U	0.62 U	0.59 U	0.58 U
Sodium	574 U	188 J *	542 U	618 U	598 U	618 U	589 U	576 U
Thallium	0.75 = *	0.51 = *	0.27 U	0.47 U	0.5 = *	0.25 U	0.48 = *	0.5 = *
Vanadium	15.2 =	20.2 =	5.2 =	13.3 =	12.3 =	11.6 =	14.1 J	14.6 J
Zinc	49.3 =	163 = *	37.6 =	68.8 = *	61.7 =	92.9 = *	53.2 =	56.1 =

Table I-1. Surface Soil Inorganics (continued)

Location	Explosives Handling Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate
Station	**LL2-099**	**LL2-100**	**LL2-101**	**LL2-102**	**LL2-103**	**LL2-104**	**LL2-105**	**LL2-106**
Sample ID	**LL20775**	**LL20778**	**LL20781**	**LL20784**	**LL20787**	**LL20790**	**LL20793**	**LL20796**
Customer ID	**LL2ss-099-0775-SO**	**LL2ss-100-0778-SO**	**LL2ss-101-0781-SO**	**LL2ss-102-0784-SO**	**LL2ss-103-0787-SO**	**LL2ss-104-0790-SO**	**LL2ss-105-0793-SO**	**LL2ss-106-0796-SO**
Date	**07/26/2001**	**07/26/2001**	**07/25/2001**	**07/25/2001**	**07/25/2001**	**07/24/2001**	**07/25/2001**	**07/25/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
Aluminum	10200 =	13100 =	24400 = *	15700 =	3850 =	25500 = *	3260 =	8670 =
Antimony	1.1 UJ	59.5 J *	0.68 J	1.1 R	1 UJ	1.2 J *	1.1 UJ	1.1 UJ
Arsenic	11.2 =	19.7 = *	7.5 =	9.2 =	5.6 =	8.9 =	8 =	8.3 =
Barium	67.1 =	263 = *	300 = *	166 = *	55.6 =	901 = *	30.3 =	76.2 =
Beryllium	0.54 J	1.3 = *	2.8 = *	1.4 = *	0.38 U	4.2 = *	0.22 U	0.73 =
Cadmium	0.56 U	6.1 = *	0.39 J *	0.5 J *	0.18 J *	16.9 = *	0.67 = *	0.35 J *
Calcium	1830 =	32700 = *	93700 = *	29400 = *	20600 = *	112000 = *	4030 =	11500 =
Chromium	12.2 =	222 = *	13.8 =	24 = *	5.3 J	68.1 J *	4.7 J	12.7 J
Chromium, hexavalent								
Cobalt	10.4 =	15 J *	5.1 J	7.2 J	2.6 J	8.5 J	3.6 J	5 J
Copper	14.5 =	140 = *	15.1 =	17.4 =	8.4 =	81.4 = *	16.6 =	14.9 =
Cyanide								
Iron	21400 =	59600 = *	11200 =	19100 =	11300 J	41400 J *	12800 J	17500 J
Lead	20.9 =	1220 = *	64.3 = *	90.1 = *	25.1 =	535 = *	28.2 = *	92.6 = *
Magnesium	2250 =	5370 = *	14000 = *	5440 = *	2650 =	20900 = *	1510 =	2600 =
Manganese	501 =	1730 J *	7460 J *	1560 J *	552 =	3070 = *	349 =	755 =
Mercury	0.025 J	0.11 J *	0.011 J	0.054 J *	0.015 J	0.18 = *	0.017 J	0.034 J
Nickel	19.6 =	51.9 = *	16 =	15.6 =	6.7 =	22.3 = *	8.9 =	11.7 =
Potassium	858 =	1130 = *	1560 = *	1110 = *	288 J	1470 = *	351 J	691 =
Selenium	0.43 J	2.4 U	21.6 U	1.2 J	0.58 J	0.94 J	2.1 U	0.73 J
Silver	0.56 U	2 = *	0.24 J *	0.44 J *	0.17 J *	3.3 = *	11.8 = *	18.3 = *
Sodium	562 U	204 = *	418 U	178 U	525 U	536 J *	528 U	557 U
Thallium	0.48 = *	0.99 = *	0.67 J *	0.8 = *	0.33 U	0.38 UJ	0.41 = *	0.42 = *
Vanadium	16.6 =	21 =	11.8 =	16.5 =	5.1 =	16 =	5.6 =	13.2 =
Zinc	56.7 =	680 = *	94.5 = *	145 = *	60 =	695 = *	165 = *	104 = *

Table I-1. Surface Soil Inorganics (continued)

Location	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Preparation and Receiving Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Packaging and Shipping Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL2-107**	**LL2-108**	**LL2-109**	**LL2-110**	**LL2-111**	**LL2-112**	**LL2-113**	**LL2-114**
Sample ID	**LL20799**	**LL20802**	**LL20805**	**LL20808**	**LL20811**	**LL20814**	**LL20817**	**LL20820**
Customer ID	**LL2ss-107-0799-SO**	**LL2ss-108-0802-SO**	**LL2ss-109-0805-SO**	**LL2ss-110-0808-SO**	**LL2ss-111-0811-SO**	**LL2ss-112-0814-SO**	**LL2ss-113-0817-SO**	**LL2ss-114-0820-SO**
Date	**07/25/2001**	**07/27/2001**	**07/27/2001**	**07/28/2001**	**07/28/2001**	**07/27/2001**	**07/27/2001**	**07/28/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
Aluminum	10400 =	4700 =	10000 =	4760 =	5710 =	4100 =	8510 =	8590 =
Antimony	1.1 UJ	1 UJ	1.1 UJ	5 J *	0.57 UJ	1.1 UJ	1.1 UJ	0.55 J
Arsenic	6.1 =	4.9 =	8.3 =	6.4 =	10.5 J	3.1 =	6.4 =	8.8 =
Barium	102 = *	57.9 =	64.1 =	34.1 =	72.7 J	29.3 =	66.3 =	84.5 =
Beryllium	1.2 = *	0.46 J	0.71 U	0.26 U	0.37 U	0.32 U	0.84 =	0.84 =
Cadmium	0.87 = *	0.4 U	0.57 U	1.7 = *	1.4 J *	0.54 U	0.059 J *	1.2 = *
Calcium	33800 = *	6410 =	1470 J	1320 =	15900 = *	1970 J	7950 J	18800 = *
Chromium	14.4 J	24.7 = *	16.4 =	8.6 =	41.8 J *	11.7 =	11.4 =	14.6 =
Chromium, hexavalent								
Cobalt	3.4 J	4.8 =	15.4 = *	4.4 =	6.8 J	3.6 =	6.7 =	6.9 =
Copper	20.9 = *	18.2 = *	15.5 =	47.2 = *	34 J *	7.2 =	13.4 =	25.1 = *
Cyanide								
Iron	8660 J	24800 J *	18600 =	10600 =	26500 J *	16400 =	22700 =	15000 =
Lead	173 = *	125 = *	18.3 =	82.3 = *	398 J *	10.3 =	22.3 =	79.5 = *
Magnesium	5330 = *	1450 =	1860 =	1360 =	2780 =	756 =	2150 =	3650 = *
Manganese	1210 =	639 =	685 =	205 =	398 J	604 =	978 =	857 =
Mercury	0.064 J *	0.044 J *	0.034 J	0.026 J	0.021 J	0.11 U	0.017 J	0.62 = *
Nickel	9.4 =	11.8 =	20.2 =	11.1 =	25.3 J *	11 =	14 =	18.1 =
Potassium	820 =	468 J	970 J *	814 =	684 =	479 J	718 J	656 =
Selenium	0.5 J	2.2 U	2.3 U	2.2 U	2.2 U	2.2 U	2.2 U	0.97 U
Silver	14.9 = *	1.5 = *	0.57 U	0.54 U	0.55 U	0.54 U	0.54 U	0.55 U
Sodium	171 J *	542 U	566 U	541 U	550 U	543 U	544 U	98.3 J
Thallium	0.37 U	0.17 J *	0.23 U	0.15 J *	0.34 = *	0.22 U	0.22 U	0.27 = *
Vanadium	5.7 =	9.8 =	16 =	8.2 =	11.8 J	7 =	11.7 =	11.4 =
Zinc	202 = *	73.4 = *	41 =	91.5 = *	192 = *	21.2 =	40.7 =	159 = *

Table I-1. Surface Soil Inorganics (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-115**	**LL2-116**	**LL2-117**	**LL2-118**	**LL2-119**	**LL2-120**	**LL2-121**	**LL2-122**
Sample ID	**LL20823**	**LL20826**	**LL20829**	**LL20832**	**LL20835**	**LL20838**	**LL20841**	**LL20844**
Customer ID	**LL2ss-115-0823-SO**	**LL2ss-116-0826-SO**	**LL2ss-117-0829-SO**	**LL2ss-118-0832-SO**	**LL2ss-119-0835-SO**	**LL2ss-120-0838-SO**	**LL2ss-121-0841-SO**	**LL2ss-122-0844-SO**
Date	**07/25/2001**	**07/25/2001**	**07/25/2001**	**07/25/2001**	**07/25/2001**	**07/25/2001**	**07/25/2001**	**07/25/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
Aluminum	3260 =	10600 =	22500 = *	5380 =	3160 =	4020 =	2680 =	4010 =
Antimony	0.98 J *	0.82 J	1.1 UJ	1.1 UJ	1 UJ	1.8 J *	1 UJ	17.3 J *
Arsenic	4.9 =	11.1 =	5.5 =	11.3 =	4.2 =	11.5 =	2.6 =	11 =
Barium	53.9 =	77.1 =	190 = *	43.8 =	36.9 =	26 =	18 =	44.5 =
Beryllium	0.33 U	0.95 = *	3.1 = *	0.39 J	0.21 U	0.26 U	0.18 U	0.47 J
Cadmium	2 = *	0.17 U	0.18 U	0.51 J *	0.27 U	0.24 U	0.17 U	0.75 = *
Calcium	2010 =	16900 = *	85700 = *	13600 =	9140 =	1030 =	556 =	2170 =
Chromium	16 =	11.7 =	9.2 =	9.9 =	7.7 =	6 =	8.1 J	17.6 = *
Chromium, hexavalent								
Cobalt	4.5 J	5.9 J	3.2 J	4.2 J	3.2 J	4.1 J	3.2 J	5.3 J
Copper	28.4 = *	26.2 = *	9.2 =	44.6 = *	9.9 =	16.8 =	6.5 =	33.1 = *
Cyanide	0.54 U							
Iron	15100 =	17600 =	10400 =	14100 =	8720 =	12300 =	7900 J	12700 =
Lead	141 = *	33.2 = *	15.9 =	53.4 = *	32.5 = *	820 = *	29.1 = *	145 = *
Magnesium	1220 =	4150 = *	14600 = *	1330 =	2020 =	876 =	573 =	1070 =
Manganese	375 J	675 J	1770 J *	301 J	216 J	331 J	223 =	396 J
Mercury	0.031 J	0.023 J	0.025 J	0.021 J	0.018 J	0.014 J	0.014 J	0.025 J
Nickel	15.1 =	16.8 =	7.5 =	11 =	9 =	9.7 =	8.8 =	17.6 =
Potassium	273 J	613 =	1640 = *	614 =	378 J	331 J	317 J	369 J
Selenium	0.5 J	0.45 J	1.2 J	0.47 J	0.58 J	2.1 U	0.44 J	0.6 J
Silver	0.54 U	0.53 U	0.53 U	0.38 J *	0.52 U	0.52 U	0.52 U	0.19 J *
Sodium	536 U	55 J	473 J *	526 U	523 U	144 J *	522 U	515 U
Thallium	0.42 = *	0.43 = *	0.29 J *	0.36 = *	0.38 = *	0.38 = *	0.33 U	0.37 = *
Vanadium	6.8 =	12.1 =	10.8 =	8.2 =	5.8 =	6.9 =	5.2 =	7.6 =
Zinc	177 = *	73.7 = *	35.9 =	124 = *	73.9 = *	95.8 = *	33 =	89.6 = *

Table I-1. Surface Soil Inorganics (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-126**	**LL2-126**	**LL2-127**	**LL2-128**	**LL2-129**	**LL2-129**	**LL2-130**	**LL2-131**
Sample ID	**LL20850**	**LL21166**	**LL20853**	**LL20856**	**LL20859**	**LL21165**	**LL20862**	**LL20865**
Customer ID	**LL2ss-126-0850-SO**	**LL2ss-126-1166-SO**	**LL2ss-127-0853-SO**	**LL2ss-128-0856-SO**	**LL2ss-129-0859-SO**	**LL2ss-129-1165-SO**	**LL2ss-130-0862-SO**	**LL2ss-131-0865-SO**
Date	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/26/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**
Analyte (mg/kg)								
Aluminum	13900 =	14200 =	7250 =	7100 =	10700 =	10900 =	13900 =	9750 =
Antimony	1.2 UJ	1.2 UJ	1.2 UJ	1.1 UJ	1.2 UJ	1.2 UJ	1.1 UJ	1.1 UJ
Arsenic	13.5 =	12.6 =	22.7 = *	10.5 =	18 = *	15.2 =	6.8 =	9.9 =
Barium	58.1 =	58.5 =	46.8 =	44.5 =	76.4 =	69.9 =	194 = *	166 = *
Beryllium	0.55 U	0.53 J	0.75 =	0.44 U	0.67 =	0.66 J	1.5 = *	0.68 =
Cadmium	0.59 U	0.58 U	0.18 J *	0.56 U	0.097 J *	0.59 U	1.8 = *	1.8 = *
Calcium	2590 J	2110 =	2170 J	1440 =	3630 J	3760 =	87500 J *	18400 J *
Chromium	15.8 =	16 =	15.1 =	10.9 =	13.9 =	15.9 =	45.4 = *	16.2 =
Chromium, hexavalent								
Cobalt	7.4 =	6.9 =	12.6 = *	6.7 =	10.5 = *	9.7 =	3.9 =	7.1 =
Copper	15.6 =	14.8 =	18.7 = *	20 = *	26.1 = *	31.1 = *	20.3 = *	28.8 = *
Cyanide	0.59 U	0.58 U			0.59 U	0.59 U		
Iron	26400 = *	25100 = *	19900 =	18700 =	27100 = *	26600 = *	12400 =	18300 =
Lead	17.8 =	17 =	30.8 = *	23.5 =	24.6 =	23.6 =	339 = *	151 = *
Magnesium	2230 =	2210 =	1900 =	1560 =	2310 =	2360 =	7610 = *	3080 = *
Manganese	315 =	281 =	556 =	434 =	571 =	521 J	1640 = *	741 =
Mercury	0.016 J	0.023 J	0.12 U	0.013 J	0.012 J	0.12 U	0.99 = *	0.051 J *
Nickel	14.9 =	14.8 =	30.9 = *	15.2 =	19.8 =	20.1 =	12.1 =	15.4 =
Potassium	865 J	943 = *	1030 J *	685 =	1070 J *	1060 = *	1150 J *	745 J
Selenium	2.4 U	2.3 U	0.39 U	2.2 U	2.3 U	2.3 U	0.87 U	2.3 U
Silver	0.59 U	0.58 U	0.58 U	0.56 U	0.59 U	0.59 U	0.56 U	0.57 U
Sodium	590 U	583 U	583 U	558 U	282 J *	311 J *	193 = *	568 U
Thallium	0.24 U	0.5 = *	0.78 J *	0.45 = *	0.23 U	0.99 = *	0.22 UJ	0.67 J *
Vanadium	20.5 =	22.1 =	12.2 =	12.3 =	18.2 =	18.7 =	10.3 =	13.6 =
Zinc	55.4 =	54.8 =	83.6 = *	57.4 =	65.4 = *	65.7 = *	159 = *	193 = *

Table I-1. Surface Soil Inorganics (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-132**	**LL2-133**	**LL2-134**	**LL2-139**	**LL2-140**	**LL2-141**	**LL2-141**	**LL2-142**
Sample ID	**LL20868**	**LL20871**	**LL20874**	**LL20881**	**LL20884**	**LL20887**	**LL21172**	**LL20890**
Customer ID	**LL2ss-132-0868-SO**	**LL2ss-133-0871-SO**	**LL2ss-134-0874-SO**	**LL2ss-139-0881-SO**	**LL2ss-140-0884-SO**	**LL2ss-141-0887-SO**	**LL2ss-141-1172-SO**	**LL2ss-142-0890-SO**
Date	**07/26/2001**	**07/28/2001**	**07/28/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/28/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**
Analyte (mg/kg)								
Aluminum	4950 =	9180 =	9660 =	5310 =	15600 =	9430 =	9020 =	8740 =
Antimony	1.2 UJ	1.2 UJ	1.2 UJ	1.1 UJ	1.1 UJ	1.2 UJ	1.2 UJ	1.1 UJ
Arsenic	9.3 =	15.5 J *	15.1 J	10 =	6.3 =	12.6 =	12.9 =	8.6 J
Barium	122 = *	77 J	82.1 J	35 =	159 = *	65 =	67.7 =	71.5 J
Beryllium	0.44 U	0.69 =	0.72 =	0.37 U	1.9 = *	0.7 =	0.7 =	0.59 =
Cadmium	6.6 = *	1.2 J *	2.6 J *	0.094 J *	0.21 J *	0.14 U	0.19 J *	0.57 U
Calcium	22700 = *	3130 =	2620 =	2880 =	56000 = *	6990 =	6910 =	723 =
Chromium	27.7 = *	19.5 J *	19.9 J *	10.1 =	9.5 =	13.2 =	12.5 =	17.8 J *
Chromium, hexavalent								
Cobalt	5.6 J	9.5 J	9.9 J	5.4 =	3.1 J	7.5 J	7.8 J	10.4 J
Copper	42 = *	31.4 J *	28.9 J *	15.3 =	10.7 =	21.5 = *	21.8 = *	15.1 J
Cyanide								
Iron	21300 =	26400 J *	28200 J *	12300 =	12400 =	19300 =	19200 =	20000 J
Lead	229 = *	64.7 J *	184 J *	15.5 =	17.4 =	29.4 = *	30.1 = *	18.1 J
Magnesium	3460 = *	2650 =	2570 =	1130 =	9830 = *	2730 =	2490 =	2070 =
Manganese	604 J	449 J	485 J	316 =	1370 J	475 J	587 J	339 J
Mercury	0.045 J *	0.053 J *	0.052 J *	0.026 J	0.018 J	0.025 J	0.031 J	0.0096 J
Nickel	23.7 = *	30.4 J *	27.3 J *	13.1 =	7.7 =	19.2 =	20.9 =	25.6 J *
Potassium	457 J	962 = *	735 =	511 J	1070 = *	859 =	797 =	954 = *
Selenium	2.4 U	2.3 U	2.4 U	2.2 U	0.94 J	0.42 J	0.6 J	2.3 U
Silver	0.21 J *	0.58 U	0.59 U	0.56 U	0.56 U	0.25 J *	0.22 J *	0.57 U
Sodium	592 U	581 U	594 U	559 U	288 J *	579 U	600 U	566 U
Thallium	0.36 = *	0.37 = *	0.4 = *	0.4 U	0.31 = *	0.43 = *	0.48 = *	0.38 = *
Vanadium	8 =	16.3 J	16.4 J	9.1 =	8.5 =	14.5 =	13.8 =	15 J
Zinc	331 = *	243 = *	273 = *	58.2 =	37.5 =	94 = *	103 = *	51.7 =

Table I-1. Surface Soil Inorganics (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-143**	**LL2-144**	**LL2-144**	**LL2-145**	**LL2-146**	**LL2-147**	**LL2-147**	**LL2-148**
Sample ID	**LL20893**	**LL20896**	**LL21178**	**LL20899**	**LL20902**	**LL20905**	**LL21179**	**LL20908**
Customer ID	**LL2ss-143-0893-SO**	**LL2ss-144-0896-SO**	**LL2ss-144-1178-SO**	**LL2ss-145-0899-SO**	**LL2ss-146-0902-SO**	**LL2ss-147-0905-SO**	**LL2ss-147-1179-SO**	**LL2ss-148-0908-SO**
Date	**07/28/2001**	**07/28/2001**	**07/28/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**
Analyte (mg/kg)								
Aluminum	10400 =	8810 =	9510 =	7550 =	8060 =	9710 =	9250 =	3740 =
Antimony	1.2 UJ	1.2 UJ	1.2 UJ	1.1 UJ	1.1 UJ	1.2 UJ	1.2 UJ	1.1 UJ
Arsenic	9.6 J	9.1 =	8.9 J	9 =	8.5 =	17.8 = *	15.9 = *	10.7 =
Barium	89.7 J *	67 =	71 J	129 = *	160 = *	57.2 =	46.3 =	31.1 =
Beryllium	0.69 =	0.57 J	0.63 =	0.72 J	0.84 J	0.52 J	0.52 J	0.27 U
Cadmium	0.056 J *	0.23 J *	0.18 J *	2.2 = *	3.8 = *	0.2 J *	0.08 U	1.3 = *
Calcium	635 =	3170 =	2700 =	96300 = *	107000 = *	7130 =	8440 =	3570 J
Chromium	15.2 J	16.3 =	18.1 J *	23.9 = *	15.4 =	16.6 =	12.7 =	7.9 =
Chromium, hexavalent								
Cobalt	13.2 J *	9.9 =	10.8 J *	6.2 =	5.7 =	10.5 = *	9.9 =	4.2 =
Copper	14.6 J	15.6 =	17.1 J	35.5 = *	30.9 = *	23.6 = *	22.4 = *	81.5 = *
Cyanide				0.57 U				
Iron	20000 J	18600 =	19600 J	17400 J	18100 J	25500 J *	24300 J *	19000 =
Lead	16.1 J	33.4 = *	31.9 J *	342 J *	218 J *	89.6 J *	25.3 J	57.1 = *
Magnesium	2040 =	2110 =	2250 =	4620 = *	5680 = *	4140 = *	4020 = *	1300 =
Manganese	1440 J	314 =	392 J	775 =	998 =	356 =	313 =	302 =
Mercury	0.026 J	0.12 U	0.018 J	0.18 = *	0.045 J *	0.011 J	0.01 J	0.042 J *
Nickel	24.6 J *	23.7 = *	26.8 J *	25.8 = *	18.9 =	26.6 = *	24.5 = *	12.2 =
Potassium	766 =	902 =	917 =	1070 = *	804 =	1230 = *	1060 = *	432 J
Selenium	2.3 U	2.4 U	2.4 U	2.3 U	2.1 U	2.4 U	2.3 U	0.65 U
Silver	0.58 U	0.59 U	0.59 U	0.57 U	0.54 U	0.59 U	0.59 U	0.53 U
Sodium	576 U	594 U	591 U	92.9 J	161 J *	595 U	585 U	528 U
Thallium	0.36 = *	0.32 = *	0.35 = *	0.39 U	0.33 UJ	0.42 = *	0.39 U	0.66 J *
Vanadium	18 J	15.2 =	15.8 J	10.4 J	9.2 J	14.7 J	13.5 J	6.7 =
Zinc	53.8 =	74.2 = *	79.8 = *	401 = *	507 = *	112 = *	73.3 = *	192 = *

Table I-1. Surface Soil Inorganics (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-149**	**LL2-150**	**LL2-154**	**LL2-155**	**LL2-156**	**LL2-157**	**LL2-158**	**LL2-158**
Sample ID	**LL20911**	**LL20914**	**LL20920**	**LL20923**	**LL20926**	**LL20929**	**LL20932**	**LL21180**
Customer ID	**LL2ss-149-0911-SO**	**LL2ss-150-0914-SO**	**LL2ss-154-0920-SO**	**LL2ss-155-0923-SO**	**LL2ss-156-0926-SO**	**LL2ss-157-0929-SO**	**LL2ss-158-0932-SO**	**LL2ss-158-1180-SO**
Date	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**
Analyte (mg/kg)								
Aluminum	6940 =	5190 =	12400 =	7080 =	8820 =	12800 =	10200 =	10100 =
Antimony	1.9 J *	1.1 UJ	1.2 UJ	1.1 UJ	1.1 UJ	1.2 UJ	1.1 UJ	1.1 UJ
Arsenic	11 =	10.5 =	15 =	10.6 =	12.1 =	13.1 =	13.9 =	15.2 =
Barium	36.9 =	63 =	72.2 =	36.3 =	50.6 =	104 = *	55.4 =	54.7 =
Beryllium	0.45 U	0.49 U	0.67 J	0.35 U	0.43 J	1.1 J *	0.54 J	0.57 =
Cadmium	0.12 J *	1.3 = *	0.58 U	0.55 U	0.087 U	0.58 U	2.4 = *	2.2 = *
Calcium	32400 J *	124000 J *	4660 =	3770 =	12300 =	2630 =	11900 J	8340 J
Chromium	9.9 =	9.8 =	16.6 =	9.3 =	10.9 =	17.2 =	14.3 =	14.2 =
Chromium, hexavalent								
Cobalt	6.7 =	5.1 =	10.9 = *	6.4 =	7.4 =	13.7 = *	9.9 =	15.6 = *
Copper	17.5 =	27.3 = *	21.4 = *	17 =	18.5 = *	20.6 = *	20.7 = *	20.8 = *
Cyanide	0.55 U							
Iron	16300 =	16600 =	26800 J *	17800 J	20500 J	26200 J *	22900 =	23200 = *
Lead	70.4 = *	363 = *	14.6 J	13.1 J	16.7 J	16.9 J	17.7 =	23.4 =
Magnesium	2920 =	3200 = *	5160 = *	2220 =	2920 =	4040 = *	4240 = *	4320 = *
Manganese	353 =	456 =	355 =	304 =	306 =	365 =	359 =	408 =
Mercury	0.11 = *	0.032 J	0.12 U	0.012 J	0.017 J	0.02 J	0.11 U	0.018 J
Nickel	18.9 =	14.4 =	30.8 = *	15.5 =	19.1 =	33.6 = *	23.9 = *	24.1 = *
Potassium	903 J	872 J	1490 = *	685 =	795 =	1170 = *	1300 J *	1350 J *
Selenium	2.2 U	2.2 U	2.3 U	2.2 U	2.2 U	2.3 U	2.3 U	2.2 U
Silver	0.55 U	0.54 U	0.58 U	0.55 U	0.55 U	0.58 U	0.56 U	0.56 U
Sodium	552 U	115 J	577 U	545 U	547 U	577 U	565 U	561 U
Thallium	0.68 J *	0.68 J *	0.46 = *	0.39 U	0.43 U	0.48 = *	0.47 = *	0.83 J *
Vanadium	10 =	8.8 =	18.1 J	11.6 J	13.4 J	18.4 J	14.2 =	14.8 =
Zinc	65.4 = *	195 = *	64.5 = *	55.4 =	65.6 = *	68.9 = *	67.7 = *	70.3 = *

Table I-1. Surface Soil Inorganics (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL2-159**	**LL2-160**	**LL2-160**	**LL2-161**	**LL2-162**	**LL2-163**	**LL2-164**	**LL2-164**
Sample ID	**LL20935**	**LL20938**	**LL21184**	**LL20941**	**LL20944**	**LL20947**	**LL20950**	**LL21167**
Customer ID	**LL2ss-159-0935-SO**	**LL2ss-160-0938-SO**	**LL2ss-160-1184-SO**	**LL2ss-161-0941-SO**	**LL2ss-162-0944-SO**	**LL2ss-163-0947-SO**	**LL2ss-164-0950-SO**	**LL2ss-164-1167-SO**
Date	**07/27/2001**	**07/28/2001**	**07/28/2001**	**07/27/2001**	**07/28/2001**	**07/28/2001**	**07/28/2001**	**07/28/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**
Analyte (mg/kg)								
Aluminum	12600 =	10400 =	4840 =	9300 =	7940 =	7320 =	9090 =	10000 =
Antimony	1.1 UJ	1.1 UJ	5.3 J *	1.1 UJ	0.6 J	1.1 UJ	4.8 J *	2.6 J *
Arsenic	15.5 = *	14.6 =	7.4 =	13 =	12.4 =	12 J	12.2 =	11.8 =
Barium	60.4 =	84.5 =	36.2 =	44.5 =	61.8 =	43 J	64.5 =	70.2 =
Beryllium	0.66 =	0.58 =	0.27 U	0.54 J	0.41 =	0.42 U	0.56 U	0.56 U
Cadmium	1.1 = *	0.19 J *	1.8 = *	0.56 U	0.2 J *	0.56 U	1.1 = *	0.89 = *
Calcium	4200 J	3470 =	1460 =	6780 =	5770 =	8150 =	2720 =	4370 =
Chromium	18.5 = *	16.7 =	9.1 =	12.6 =	14.2 =	10.7 J	16.3 =	15.4 =
Chromium, hexavalent								
Cobalt	10.7 = *	11.2 = *	5.1 =	10.1 =	7.9 =	8.4 J	7.9 =	7.7 =
Copper	27.2 = *	22.9 = *	50.3 = *	18.3 = *	22.1 = *	18.7 J *	19 = *	18.9 = *
Cyanide		0.57 U					0.57 U	0.57 U
Iron	26800 = *	26100 = *	12200 =	21700 J	20000 =	19300 J	22700 =	21600 =
Lead	49 = *	46 = *	88.8 = *	15.7 =	40 = *	14.6 J	165 = *	39.9 = *
Magnesium	4710 = *	3610 = *	1530 =	3620 = *	2630 =	3210 = *	2000 =	2090 =
Manganese	309 =	403 =	226 =	385 =	374 =	357 J	313 J	356 J
Mercury	0.11 U	0.026 J	0.03 J	0.015 J	0.047 J *	0.01 J	0.11 U	0.018 J
Nickel	26.8 = *	29.8 = *	12.4 =	25.5 = *	20.2 =	20.2 J	19.5 =	19.8 =
Potassium	1800 J *	927 =	841 =	1020 = *	767 =	709 =	688 =	779 =
Selenium	2.3 U	2.3 U	2.2 U	2.3 U	2.2 U	2.2 U	0.68 J	0.54 J
Silver	0.57 U	0.57 U	0.54 U	0.56 U	0.55 U	0.56 U	0.57 U	0.57 U
Sodium	573 U	566 U	542 U	563 U	555 U	562 U	569 U	574 U
Thallium	0.85 J *	0.28 = *	0.27 = *	0.44 UJ	0.22 = *	0.34 = *	0.41 = *	0.44 = *
Vanadium	17.8 =	16.6 =	8.6 =	13.3 J	13 =	11.6 J	16.9 =	17.6 =
Zinc	158 = *	78.2 = *	107 = *	59.1 =	79.6 = *	67.3 = *	199 = *	66.6 = *

Table I-1. Surface Soil Inorganics (continued)

Location	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL2-165**	**LL2-166**	**LL2-167**	**LL2-169**	**LL2-170**	**LL2-171**	**LL2-172**
Sample ID	**LL20953**	**LL20956**	**LL20959**	**LL20963**	**LL20966**	**LL20969**	**LL20972**
Customer ID	**LL2ss-165-0953-SO**	**LL2ss-166-0956-SO**	**LL2ss-167-0959-SO**	**LL2ss-169-0963-SO**	**LL2ss-170-0966-SO**	**LL2ss-171-0969-SO**	**LL2ss-172-0972-SO**
Date	**07/28/2001**	**07/27/2001**	**07/27/2001**	**07/24/2001**	**07/24/2001**	**07/24/2001**	**07/24/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)							
Aluminum	8790 =	22400 = *	6980 =	15400 =	10000 =	7260 =	12400 =
Antimony	1.4 J *	2 J *	192 J *	1.1 UJ	0.61 J	1.1 UJ	1.1 UJ
Arsenic	3.6 =	18 = *	38.8 = *	10.6 =	10.9 =	10.3 =	16.1 = *
Barium	196 = *	358 = *	810 = *	111 = *	438 = *	88.7 = *	64.1 =
Beryllium	1.4 = *	2.6 = *	1 = *	1.8 = *	2.1 = *	0.6 =	0.7 =
Cadmium	4.1 = *	39.6 = *	50.2 = *	0.56 U	3.3 = *	0.27 J *	0.55 U
Calcium	46300 = *	32100 = *	27800 = *	33700 = *	32800 = *	14100 =	6840 =
Chromium	35 = *	139 = *	291 = *	9.8 J	41.3 J *	25.6 J *	16.4 J
Chromium, hexavalent							
Cobalt	3.8 =	19.1 = *	23.7 = *	6.6 J	4.8 J	6 J	11 J *
Copper	76.4 = *	304 = *	514 = *	14 =	98.2 = *	29.4 = *	19.7 = *
Cyanide	0.56 U						
Iron	12900 =	62300 J *	254000 J *	17000 J	29300 J *	17200 J	27900 J *
Lead	363 = *	2510 = *	2320 = *	10.4 =	296 = *	75.9 = *	19.8 =
Magnesium	10700 = *	21500 = *	5200 = *	7300 = *	8180 = *	2730 =	3770 = *
Manganese	1060 =	1770 = *	2280 = *	502 =	675 =	661 =	421 =
Mercury	0.16 = *	0.43 = *	2 = *	0.043 J *	0.017 J	0.25 = *	0.11 U
Nickel	13.3 =	143 = *	105 = *	16.1 =	20.6 =	17.6 =	25.3 = *
Potassium	652 =	807 =	502 J	1030 = *	867 =	799 =	1280 = *
Selenium	2.3 U	1.5 J *	3.5 J *	0.58 J	0.89 J	1.3 J	2.2 U
Silver	0.25 U	1.4 = *	0.9 = *	0.56 U	0.28 J *	0.56 U	0.55 U
Sodium	199 J *	164 J *	558 U	134 J *	240 J *	558 U	552 U
Thallium	0.24 = *	0.69 = *	0.28 = *	0.44 = *	0.57 = *	0.49 = *	0.51 = *
Vanadium	6.4 =	30.1 =	29.4 =	11.7 =	11.8 =	12.9 =	19 =
Zinc	343 = *	4580 = *	1550 = *	48.1 =	408 = *	212 = *	73.3 = *

Table I-1. Surface Soil Inorganics (continued)

Location	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Packaging and Shipping Areas Aggregate	Preparation and Receiving Areas Aggregate	Packaging and Shipping Areas Aggregate	Perimeter Area Aggregate
Station	**LL2-175**	**LL2-176**	**LL2-177**	**LL2-178**	**LL2-179**	**LL2-180**	**LL2-181**	**LL2-184**
Sample ID	**LL20977**	**LL20980**	**LL20983**	**LL20986**	**LL20989**	**LL20992**	**LL20995**	**LL20833**
Customer ID	**LL2ss-175-0977-SO**	**LL2ss-176-0980-SO**	**LL2ss-177-0983-SO**	**LL2ss-178-0986-SO**	**LL2ss-179-0989-SO**	**LL2ss-180-0992-SO**	**LL2ss-181-0995-SO**	**LL2ss-184-0833-SO**
Date	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/25/2001**	**07/25/2001**	**07/25/2001**	**08/13/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
Aluminum	9060 =	8440 =	10300 =	8900 =	10800 =	11700 =	12700 =	7620 =
Antimony	9.5 J *	1.1 UJ	1.8 J *	0.84 J	1.2 UJ	1.1 UJ	1.2 UJ	1.1 UJ
Arsenic	10.9 =	3.8 =	12.1 =	14.2 =	11 =	12.1 =	15.6 = *	10.5 =
Barium	193 = *	111 = *	115 = *	122 = *	77.7 =	77.5 =	57.6 =	54.5 =
Beryllium	1.1 J *	1 = *	0.84 J	0.73 J	0.62 =	0.72 =	0.56 J	0.65 J
Cadmium	6.2 = *	0.38 J *	1.2 = *	9.2 = *	0.6 U	0.56 U	0.61 U	0.28 J *
Calcium	86700 = *	108000 J *	10400 =	10500 =	231 J	312 J	692 =	1640 J
Chromium	1890 = *	8.8 =	33.1 = *	41.9 = *	11.9 J	17 J	15 J	13.8 =
Chromium, hexavalent	1.2 R	1.1 UJ	1.2 UJ	1.2 UJ				1.1 UJ
Cobalt	5.6 =	3 =	9.4 =	12.1 = *	7.9 J	8.4 J	5.7 J	11.6 = *
Copper	3280 = *	17.3 =	382 = *	1510 = *	9.3 =	9.8 =	16.2 =	21.5 = *
Cyanide	0.58 U							
Iron	26100 = *	10700 =	35400 J *	26800 J *	19800 J	22800 J	24900 J *	22200 =
Lead	654 = *	40.1 = *	229 = *	2190 = *	29 = *	17.9 =	13.3 =	21.7 =
Magnesium	3490 = *	4920 = *	3210 = *	4160 = *	1130 =	1550 =	1970 =	1400 =
Manganese	785 J	1050 =	678 =	635 =	1380 =	1290 =	490 =	912 =
Mercury	0.85 = *	0.027 J	0.12 = *	0.33 = *	0.074 J *	0.034 J	0.04 J *	0.03 J
Nickel	42.7 = *	9.7 =	26.3 = *	32.7 = *	10.6 =	13.9 =	12.7 =	19.7 =
Potassium	793 =	576 J	920 =	1140 = *	582 J	590 =	705 =	634 =
Selenium	2.3 U	2.3 U	2.5 U	0.41 J	0.75 J	0.46 J	0.39 J	2.2 U
Silver	0.58 = *	0.57 U	0.26 J *	0.2 J *	0.6 U	0.56 U	0.61 U	0.56 U
Sodium	184 J *	161 J *	617 U	150 J *	603 U	563 U	608 U	555 U
Thallium	0.85 = *	0.23 UJ	0.46 U	0.32 U	0.57 = *	0.55 = *	0.5 = *	0.3 = *
Vanadium	9.4 =	5.7 =	18.2 J	17.1 J	23 =	25.3 =	25.3 =	17.5 =
Zinc	974 = *	63.6 = *	392 = *	1880 = *	50.9 =	50.7 =	46.1 =	55.8 =

Table I-1. Surface Soil Inorganics (continued)

Location	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate
Station	**LL2-186**	**LL2-187**	**LL2-188**	**LL2-189**	**LL2-194**	**LL2-195**	**LL2-196**	**LL2-197**
Sample ID	**LL21010**	**LL21013**	**LL21016**	**LL21019**	**LL21034**	**LL21035**	**LL21036**	**LL21037**
Customer ID	**LL2ss-186-1010-SO**	**LL2ss-187-1013-SO**	**LL2ss-188-1016-SO**	**LL2ss-189-1019-SO**	**LL2ss-194-1034-SO**	**LL2ss-195-1035-SO**	**LL2ss-196-1036-SO**	**LL2ss-197-1037-SO**
Date	**07/28/2001**	**07/28/2001**	**07/27/2001**	**07/28/2001**	**07/31/2001**	**07/31/2001**	**07/31/2001**	**07/31/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
Aluminum	2470 =	7980 =	4290 =	7950 =	10200 =	11400 =	9200 =	12200 J
Antimony	1 UJ	1.1 UJ	7.1 J *	1.2 UJ	1.1 UJ	1.2 UJ	1.1 UJ	1.1 UJ
Arsenic	8 J	8.3 J	30 = *	8.1 J	8.8 =	8.1 =	8.4 =	15.9 = *
Barium	13.3 J	54.2 J	413 = *	60.7 J	60.4 =	69.3 =	58 =	59.1 J
Beryllium	0.17 U	0.67 =	0.54 J	0.54 J	0.4 J	0.32 J	0.36 J	0.65 J
Cadmium	0.52 U	0.55 U	2.9 J *	0.06 J *	0.28 J *	0.12 J *	0.24 J *	0.27 J *
Calcium	7710 =	7650 =	145000 = *	1550 =	1100 =	156 J	982 =	417 J
Chromium	4.3 J	17.4 J	887 = *	11.9 J	11.1 =	10.5 =	10.6 =	16.6 =
Chromium, hexavalent	1 U	1.1 U	81.9 J	1.2 U				
Cobalt	3.3 J	7.7 J	19.5 = *	9 J	8.8 J	3.2 J	8.5 J	13.2 J *
Copper	11.3 J	19.2 J *	636 = *	17.1 J	7.5 =	4 =	8.1 =	22.8 = *
Cyanide								
Iron	11100 J	20800 J	153000 J *	17300 J	17900 J	15500 J	16300 J	28200 J *
Lead	7.3 J	16.9 J	6930 J *	24.9 J	15.8 J	18.7 J	16.5 J	16.1 J
Magnesium	2060 =	2510 J	2470 =	1090 =	1430 =	866 =	1470 =	3030 =
Manganese	233 J	464 =	1400 =	789 J	690 J	206 J	731 J	245 J
Mercury	0.1 R	0.011 J	2.4 = *	0.032 J	0.06 J *	0.054 J *	0.054 J *	0.022 J
Nickel	8.4 J	19.2 J	97.4 = *	14.2 J	9.5 J	5.7 J	9.6 J	23.6 J *
Potassium	243 J	817 =	472 J	496 J	423 J	491 J	356 J	1080 = *
Selenium	2.1 U	2.2 U	12.1 U	0.38 J	0.87 J	0.63 J	0.44 J	0.78 J
Silver	0.52 U	0.55 U	3.1 = *	0.58 U	0.57 U	0.58 U	0.55 U	0.56 U
Sodium	515 U	555 U	573 J *	583 U	572 U	576 U	551 U	564 U
Thallium	0.15 J *	0.32 = *	0.52 J *	0.35 = *	0.39 = *	0.44 = *	0.37 = *	0.34 = *
Vanadium	4.7 J	12.9 J	26.8 J	16 J	22.6 =	20.4 =	17.9 =	19.6 =
Zinc	52.9 =	58.7 =	7280 = *	57.9 =	41.8 J	34.6 J	38 J	59.6 J

Table I-1. Surface Soil Inorganics (continued)

Location	Perimeter Area Aggregate	Perimeter Area Aggregate
Station	**LL2-198**	**LL2-199**
Sample ID	**LL21038**	**LL21039**
Customer ID	**LL2ss-198-1038-SO**	**LL2ss-199-1039-SO**
Date	**07/31/2001**	**07/31/2001**
Depth (ft)	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**
Analyte (mg/kg)		
Aluminum	12200 =	11700 =
Antimony	1.2 UJ	1.2 UJ
Arsenic	12.5 =	11 =
Barium	114 = *	68.1 =
Beryllium	0.92 = *	0.59 =
Cadmium	0.3 J *	0.3 J *
Calcium	1440 =	1560 =
Chromium	14.3 =	13.2 =
Chromium, hexavalent		
Cobalt	14.6 = *	8.2 J
Copper	10.2 =	7.7 =
Cyanide		
Iron	22500 J	21900 J
Lead	20.7 J	17.8 J
Magnesium	1710 =	1860 =
Manganese	2100 J *	911 J
Mercury	0.052 J *	0.048 J *
Nickel	18.7 =	11.6 J
Potassium	561 J	572 J
Selenium	0.63 J	1.1 J
Silver	0.58 U	0.59 U
Sodium	580 U	591 U
Thallium	0.44 U	0.41 = *
Vanadium	26.6 =	24.9 =
Zinc	133 J *	55.3 J

Table I-1. Surface Soil Inorganics (continued)

Location	Perimeter Area Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate
Station	**LL2-200**	**LL2-201**	**LL2-201**	**LL2-202**	**LL2-203**	**LL2-204**	**LL2-205**	**LL2-206**
Sample ID	**LL21040**	**LL21041**	**LL21181**	**LL21042**	**LL21043**	**LL21044**	**LL21045**	**LL21046**
Customer ID	**LL2ss-200-1040-SO**	**LL2ss-201-1041-SO**	**LL2ss-201-1181-SO**	**LL2ss-202-1042-SO**	**LL2ss-203-1043-SO**	**LL2ss-204-1044-SO**	**LL2ss-205-1045-SO**	**LL2ss-206-1046-SO**
Date	**07/31/2001**	**07/31/2001**	**07/31/2001**	**07/31/2001**	**07/31/2001**	**07/31/2001**	**07/30/2001**	**07/30/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
Cyanide	0.58 U							
Chromium, hexavalent								
Aluminum	14200 =	9020 J	7790 J	10700 =	11200 =	9260 =	5530 J	16600 J
Antimony	1.2 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.3 UJ
Arsenic	10.9 =	5.5 =	5.6 =	14.5 =	14 =	10.3 =	16.2 = *	13.1 =
Barium	59.9 =	66.2 =	56.6 =	58.1 =	68.9 =	55.6 =	27.8 =	111 = *
Beryllium	0.61 =	0.44 U	0.35 U	0.64 =	0.67 =	0.51 J	0.66 =	1 = *
Cadmium	0.077 J *	0.57 U	0.57 U	0.19 J *	0.57 U	0.056 J *	0.54 U	0.63 U
Calcium	500 J	1210 =	853 =	3600 =	2160 =	976 =	1020 =	278 J
Chromium	14.5 =	10.2 =	8.4 =	15.9 =	15.5 =	13.1 =	13.2 =	15.3 =
Cobalt	7.9 =	4 J	3.2 J	13 = *	8.8 =	7.1 =	11.3 J *	27.7 J *
Copper	11.2 =	8 =	5.1 =	19.9 = *	14.9 =	11.6 =	14 =	11.3 =
Iron	21600 J	11800 =	11600 =	22200 J	23900 J *	17800 J	17900 =	26500 = *
Lead	21.4 J	20.4 =	11.7 =	17.9 J	18 J	16.1 J	20.5 =	27.6 = *
Magnesium	1740 =	1270 =	1060 =	3280 = *	2090 =	1610 =	1500 =	1770 =
Manganese	322 J	170 =	131 =	339 J	383 J	401 J	557 =	2910 = *
Mercury	0.054 J *	0.047 J *	0.027 J	0.028 J	0.027 J	0.048 J *	0.017 J	0.065 J *
Nickel	13.4 =	10.7 =	8.2 =	24.6 = *	19.6 =	15.9 =	26.6 = *	16.8 =
Potassium	549 J	670 =	536 J	1240 = *	899 =	619 =	948 = *	735 =
Selenium	2.3 U	2.3 U	0.39 J	0.43 J	2.3 U	2.2 U	2.2 U	0.86 J
Silver	0.58 U	0.57 U	0.57 U	0.56 U	0.57 U	0.55 U	0.54 U	0.63 U
Sodium	577 U	569 U	567 U	559 U	566 U	551 U	542 U	632 U
Thallium	0.45 U	0.42 U	0.37 U	0.45 = *	0.48 = *	0.43 U	0.35 U	0.44 U
Vanadium	26.2 =	13.4 =	11.7 =	18.1 =	20.7 =	17.7 =	10.3 =	29.1 =
Zinc	57.4 J	44.4 =	32.6 =	66.5 J *	57.8 J	45.3 J	46.5 =	63.9 = *

Table I-1. Surface Soil Inorganics (continued)

Location	Perimeter Area Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Preparation and Receiving Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-207**	**LL2-208**	**LL2-209**	**LL2-210**	**LL2-211**	**LL2-213**	**LL2-214**	**LL2-214**
Sample ID	**LL21047**	**LL21048**	**LL21049**	**LL21050**	**LL21051**	**LL21053**	**LL21054**	**LL21183**
Customer ID	**LL2ss-207-1047-SO**	**LL2ss-208-1048-SO**	**LL2ss-209-1049-SO**	**LL2ss-210-1050-SO**	**LL2ss-211-1051-SO**	**LL2ss-213-1053-SO**	**LL2ss-214-1054-SO**	**LL2ss-214-1183-SO**
Date	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/31/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**
Analyte (mg/kg)								
Cyanide								
Chromium, hexavalent							1.1 UJ	1.1 UJ
Aluminum	9950 J	12300 J	9860 J	9240 J	10800 =	8680 =	11600 =	10000 =
Antimony	1.1 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.1 UJ	0.66 UJ	1.1 UJ	1.1 UJ
Arsenic	10.2 =	8.6 =	18.8 = *	5.5 =	11 =	12.7 =	20.7 = *	20.5 = *
Barium	44 =	123 = *	71.1 =	77.6 =	81.5 =	61 =	76.5 =	56.7 =
Beryllium	0.43 U	0.76 =	0.93 = *	0.51 J	0.72 =	0.7 =	0.8 J	0.62 J
Cadmium	0.56 U	0.11 U	0.62 U	0.099 U	0.11 J *	0.58 U	0.57 U	0.57 U
Calcium	147 J	370 J	369 J	1570 =	602 =	7770 =	17300 = *	12400 =
Chromium	11.6 =	10.8 =	13 =	8.9 =	12.6 =	14.3 =	16.9 =	14 =
Cobalt	5.2 J	15.1 J *	10.6 J *	3.9 J	13.7 = *	9.9 =	10.6 = *	9.8 =
Copper	9.2 =	5.2 =	8.2 =	9.1 =	8.7 =	15.3 =	19 = *	18.8 = *
Iron	20500 =	19600 =	22000 =	10600 =	21100 J	21700 J	24400 J *	24100 J *
Lead	13.5 =	18 =	46.4 = *	14.8 =	20.7 J	10.8 =	14.7 J	13.2 J
Magnesium	1690 =	1220 =	802 =	1080 =	1690 =	2860 =	4520 = *	4150 = *
Manganese	339 =	2760 = *	501 =	286 =	1920 J *	625 =	581 =	387 =
Mercury	0.035 J	0.042 J *	0.054 J *	0.035 J	0.029 J	0.12 U	0.11 U	0.11 U
Nickel	10.5 =	9.1 =	9.8 =	9.6 =	15.2 =	26.3 = *	26.4 = *	26.5 = *
Potassium	500 J	424 J	603 J	666 =	513 J	1010 = *	1380 = *	1190 = *
Selenium	0.43 J	2.3 U	2.5 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3 U
Silver	0.56 U	0.58 U	0.62 U	0.58 U	0.55 U	0.58 U	0.57 U	0.57 U
Sodium	558 U	577 U	616 U	577 U	550 U	579 U	65.8 J	571 U
Thallium	0.38 U	0.37 U	0.43 U	0.44 = *	0.35 U	0.25 = *	0.42 = *	0.47 = *
Vanadium	18.2 =	22.4 =	21.5 =	12.1 =	22.4 =	12.9 =	15.3 J	14.6 J
Zinc	36.9 =	65.4 = *	57.6 =	36.5 =	57.3 J	48.2 =	57.3 =	56.8 =

Table I-1. Surface Soil Inorganics (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Packaging and Shipping Areas Aggregate	Perimeter Area Aggregate	Preparation and Receiving Areas Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-215**	**LL2-216**	**LL2-217**	**LL2-241**	**LL2-243**	**LL2-244**	**LL2-253**	**LL2-255**
Sample ID	**LL21055**	**LL21056**	**LL21057**	**LL20839**	**LL20834**	**LL20840**	**LL20842**	**LL20843**
Customer ID	**LL2ss-215-1055-SO**	**LL2ss-216-1056-SO**	**LL2ss-217-1057-SO**	**LL2ss-241-0839-SO**	**LL2ss-243-0834-SO**	**LL2ss-244-0840-SO**	**LL2ss-253-0842-SO**	**LL2ss-255-0843-SO**
Date	**07/27/2001**	**07/27/2001**	**07/27/2001**	**08/13/2001**	**08/13/2001**	**08/13/2001**	**08/13/2001**	**08/13/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
Cyanide								
Chromium, hexavalent		1.1 UJ						
Aluminum	5270 =	2510 =	8070 =	10900 =	8080 =	13900 =	13500 =	8880 =
Antimony	1.1 UJ	1.1 UJ	1.1 UJ	1.2 UJ	664 J *	1.1 UJ	1.1 UJ	1.1 UJ
Arsenic	5.1 =	2.1 =	3.6 =	13.8 =	13.4 =	13.6 =	14.4 =	7.3 =
Barium	39.7 =	17.8 =	75 =	111 = *	118 = *	62.3 =	74.6 =	57.9 =
Beryllium	0.32 U	0.2 U	0.98 J *	0.75 J	0.75 J	0.74 J	0.59 J	0.57 J
Cadmium	0.56 U	0.54 U	0.56 U	0.32 J *	3.4 J *	0.16 J *	0.13 J *	0.27 J *
Calcium	2260 =	613 =	25000 = *	971 J	5230 =	411 J	326 J	4380 J
Chromium	7.7 =	5.6 =	8.1 =	14.1 =	341 = *	16.7 =	15.8 =	12.7 =
Cobalt	4.8 =	3.1 =	3.8 =	10.4 =	24.8 = *	11.7 = *	6.6 =	7 =
Copper	8.6 =	5.1 =	8 =	19.2 = *	56.1 = *	17.6 =	15.8 =	12.3 =
Iron	13700 J	12500 J	17000 J	24000 = *	24300 = *	26400 = *	25900 = *	16900 =
Lead	8.6 =	4.2 J	15.3 J	17 =	2610 = *	13.8 =	14.1 =	30.9 = *
Magnesium	1110 =	548 =	3470 = *	2760 =	2880 =	2840 =	2180 =	1890 =
Manganese	264 =	313 =	1220 =	320 =	374 =	236 =	136 =	331 =
Mercury	0.11 U	0.11 U	0.01 J	0.014 J	0.094 J *	0.11 U	0.027 J	0.019 J
Nickel	12 =	7.6 =	9.9 =	34.6 = *	23.2 = *	22.6 = *	14 =	14.3 =
Potassium	490 J	343 J	631 =	762 =	842 =	1090 = *	733 =	723 =
Selenium	2.2 U	2.2 U	2.2 U	2.3 U	2.9 U	2.3 U	2.3 U	2.3 U
Silver	0.56 U	0.54 U	0.56 U	0.58 U	0.72 U	0.57 U	0.57 U	0.57 U
Sodium	555 U	541 U	78 J	581 U	720 U	572 U	572 U	571 U
Thallium	0.19 J *	0.27 U	0.3 U	0.34 = *	0.76 = *	0.37 = *	0.47 J *	0.52 = *
Vanadium	9.7 =	5.7 J	7.3 J	17.3 =	16.8 =	20.2 =	24.1 =	14.5 =
Zinc	30.2 =	13.5 =	33.2 =	61.5 =	410 = *	64.3 = *	46 =	45.3 =

Table I-1. Surface Soil Inorganics (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Preparation and Receiving Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-257**	**LL2-258**	**LL2-260**	**LL2-272**	**LL2-273**	**LL2-274**
Sample ID	**LL20846**	**LL20864**	**LL20954**	**LL20688**	**LL20692**	**LL20686**
Customer ID	**LL2ss-257-0846-SO**	**LL2ss-258-0864-SO**	**LL2ss-260-0954-SO**	**LL2ss-272-0688-SO**	**LL2ss-273-0692-SO**	**LL2ss-274-0686-SO**
Date	**08/14/2001**	**08/14/2001**	**08/13/2001**	**08/25/2001**	**08/26/2001**	**08/25/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)						
Cyanide						
Chromium, hexavalent						
Aluminum	9200 =	8400 =	4280 =	9030 =	10400 =	10500 =
Antimony	1.1 UJ	0.66 J	1.2 UJ	1.2 UJ	1.1 UJ	1.1 UJ
Arsenic	7.6 =	10.4 =	4.5 =	14.2 =	12.8 =	4.4 =
Barium	65.5 =	60.9 =	30.5 =	111 = *	56.2 =	69.4 =
Beryllium	0.53 J	0.55 J	0.31 J	0.99 = *	0.56 J	0.95 = *
Cadmium	0.32 J *	0.3 J *	0.15 J *	0.54 J *	0.18 J *	0.41 J *
Calcium	3020 J	1990 J	1300 J	17100 = *	1540 =	1730 =
Chromium	11.5 =	12.3 =	9.2 =	12.7 =	14.7 =	20.9 = *
Cobalt	5.5 =	7.4 =	3.7 =	8.2 =	7.8 =	10.7 = *
Copper	11.8 =	12.8 =	6.6 =	23.1 = *	13.8 =	30.1 = *
Iron	15000 =	17400 =	12200 =	18300 =	20200 =	16800 =
Lead	23.8 =	20 =	12.3 =	30.2 = *	20.2 =	13.3 =
Magnesium	1550 =	1780 =	801 =	4030 = *	1970 =	2510 =
Manganese	256 =	499 =	343 =	937 =	344 =	215 =
Mercury	0.031 J	0.036 J	0.021 J	0.041 U	0.024 U	0.019 U
Nickel	12.8 =	17.2 =	9.6 =	21 =	17.8 =	29.6 = *
Potassium	795 =	881 =	374 J	742 =	731 =	1210 = *
Selenium	2.3 U	2.3 U	2.3 U	0.98 J	0.53 J	0.43 J
Silver	0.57 U	0.57 U	0.59 U	0.58 U	0.57 U	0.57 U
Sodium	575 U	570 U	587 U	73.2 J	566 U	575 U
Thallium	0.54 = *	0.55 = *	0.47 = *	0.38 U	0.23 U	0.29 U
Vanadium	14.5 =	14.4 =	8.2 =	10.5 =	16.8 =	15.8 =
Zinc	50.7 =	55.3 =	30.2 =	79.4 = *	58.9 =	72.2 = *

* - exceeds site-wide background criteria.

= - detected, J - estimated, U - not detected, R - rejected.

Table I-2. Surface Soil Explosives and Propellants

Location	Change Houses Aggregate	Change Houses Aggregate	Change Houses Aggregate	Change Houses Aggregate	Change Houses Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate
Station	**DB22-01**	**DB22-02**	**DB8-01**	**DB8-01**	**DB8-02**	**LL2-066**	**LL2-072**
Sample ID	**LL0739**	**LL0740**	**LL0737**	**LL0743**	**LL0738**	**LL20690**	**LL20706**
Customer ID	**LL2ss-22-01-0739-SO**	**LL2ss-22-02-0740-SO**	**LL2ss-8-01-0737-SO**	**LL2ss-8-01-0743-SO**	**LL2ss-8-02-0738-SO**	**LL2ss-066-0690-SO**	**LL2ss-072-0706-SO**
Date	**11/04/1999**	**11/04/1999**	**11/04/1999**	**11/04/1999**	**11/04/1999**	**07/26/2001**	**07/25/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)							
1,3,5-Trinitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.053 J	0.18 J
2,4-Dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene						0.25 U	0.25 U
2-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene						0.25 U	0.25 U
4-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Nitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Nitrocellulose							
Nitroglycerin	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Nitroguanidine							
RDX	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetryl	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U

Table I-2. Surface Soil Explosives and Propellants (continued)

Location	Perimeter Area Aggregate	Perimeter Area Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Perimeter Area Aggregate
Station	**LL2-078**	**LL2-078**	**LL2-082**	**LL2-086**	**LL2-086**	**LL2-087**	**LL2-094**
Sample ID	**LL20720**	**LL21171**	**LL20732**	**LL20740**	**LL21168**	**LL20743**	**LL20760**
Customer ID	**LL2ss-078-0720-SO**	**LL2ss-078-1171-SO**	**LL2ss-082-0732-SO**	**LL2ss-086-0740-SO**	**LL2ss-086-1168-SO**	**LL2ss-087-0743-SO**	**LL2ss-094-0760-SO**
Date	**07/26/2001**	**07/26/2001**	**07/25/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**
Analyte (mg/kg)							
1,3,5-Trinitrobenzene	0.25 U	0.25 U	1 =	6.1 =	4.9 =	0.8 =	120 U
1,3-Dinitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.11 J	0.25 U	0.32 U
2,4,6-Trinitrotoluene	0.047 J	0.25 U	1100 =	17000 =	5900 =	240 =	3600 =
2,4-Dinitrotoluene	0.25 U	0.25 U	1.1 =	5 =	3.5 =	3.3 =	4 =
2,6-Dinitrotoluene	0.25 U	0.25 U	3.6 U	500 U	6.9 U	2.6 U	5.2 U
2-Amino-4,6-dinitrotoluene	0.25 U	0.25 U	5.7 =	500 U	250 U	9.8 J	120 U
2-Nitrotoluene	0.25 U	0.25 U	0.25 U	1.3 U	0.82 U	0.25 U	0.87 U
3-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.53 U	0.28 U	0.25 U	0.53 U
4-Amino-2,6-dinitrotoluene	0.25 U	0.25 U	50 U	2700 U	970 U	15 U	130 U
4-Nitrotoluene	0.25 U	0.25 U	0.25 U	1 U	0.61 U	0.25 U	0.49 U
HMX	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Nitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Nitrocellulose				93.5 J			4190 =
Nitroglycerin	2.5 U	2.5 U	2.5 U	2.9 U	2.7 =	2.5 U	2.5 U
Nitroguanidine				0.25 U			0.25 U
RDX	0.5 U	0.5 U	0.72 U	3.5 U	1.6 U	0.5 U	1.6 =
Tetryl	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U

Table I-2. Surface Soil Explosives and Propellants (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate
Station	**LL2-096**	**LL2-096**	**LL2-097**	**LL2-098**	**LL2-098**	**LL2-100**	**LL2-104**
Sample ID	**LL20766**	**LL21169**	**LL20769**	**LL20772**	**LL21164**	**LL20778**	**LL20790**
Customer ID	**LL2ss-096-0766-SO**	**LL2ss-096-1169-SO**	**LL2ss-097-0769-SO**	**LL2ss-098-0772-SO**	**LL2ss-098-1164-SO**	**LL2ss-100-0778-SO**	**LL2ss-104-0790-SO**
Date	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/24/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**
Analyte (mg/kg)							
1,3,5-Trinitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	0.055 J	0.06 J	0.19 J	0.11 J	0.095 J	0.21 J	0.77 =
2,4-Dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.62 U	0.25 U
2-Amino-4,6-dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.16 J	0.12 J
2-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.23 J	0.19 J
4-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.65 =
Nitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Nitrocellulose				2 U	2 U		
Nitroglycerin	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Nitroguanidine				0.25 U	0.25 U		
RDX	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.28 J
Tetryl	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U

Table I-2. Surface Soil Explosives and Propellants (continued)

Location	Packaging and Shipping Areas Aggregate	Explosives Handling Areas Aggregate	Packaging and Shipping Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-107**	**LL2-111**	**LL2-112**	**LL2-115**	**LL2-117**	**LL2-118**	**LL2-120**
Sample ID	**LL20799**	**LL20811**	**LL20814**	**LL20823**	**LL20829**	**LL20832**	**LL20838**
Customer ID	**LL2ss-107-0799-SO**	**LL2ss-111-0811-SO**	**LL2ss-112-0814-SO**	**LL2ss-115-0823-SO**	**LL2ss-117-0829-SO**	**LL2ss-118-0832-SO**	**LL2ss-120-0838-SO**
Date	**07/25/2001**	**07/28/2001**	**07/27/2001**	**07/25/2001**	**07/25/2001**	**07/25/2001**	**07/25/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)							
1,3,5-Trinitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	0.065 J	0.25 U	2.6 J	0.12 J	0.25 U	0.43 =	0.27 =
2,4-Dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.5 =	0.25 U
2-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.58 U	0.25 U	0.25 U
3-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.53 =	0.25 U
4-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.67 =	0.5 U
Nitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Nitrocellulose							
Nitroglycerin	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Nitroguanidine							
RDX	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U
Tetryl	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U

Table I-2. Surface Soil Explosives and Propellants (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-121**	**LL2-122**	**LL2-126**	**LL2-126**	**LL2-128**	**LL2-129**	**LL2-129**
Sample ID	**LL20841**	**LL20844**	**LL20850**	**LL21166**	**LL20856**	**LL20859**	**LL21165**
Customer ID	**LL2ss-121-0841-SO**	**LL2ss-122-0844-SO**	**LL2ss-126-0850-SO**	**LL2ss-126-1166-SO**	**LL2ss-128-0856-SO**	**LL2ss-129-0859-SO**	**LL2ss-129-1165-SO**
Date	**07/25/2001**	**07/25/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/27/2001**	**07/27/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Field Duplicate**
Analyte (mg/kg)							
1,3,5-Trinitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	0.25 U	1.9 =	0.25 U	0.064 J	13 =	0.072 J	0.17 J
2,4-Dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.1 J	0.25 U	0.25 U
2,6-Dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.45 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	0.25 U	0.25 =	0.25 U	0.25 U	1.6 =	0.25 U	0.25 U
2-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	0.25 U	0.39 =	0.25 U	0.25 U	1.9 =	0.25 U	0.25 U
4-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Nitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Nitrocellulose						4.8 =	4.8 =
Nitroglycerin	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Nitroguanidine						0.25 U	0.25 U
RDX	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.18 J	0.5 U
Tetryl	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U

Table I-2. Surface Soil Explosives and Propellants (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-130**	**LL2-131**	**LL2-132**	**LL2-133**	**LL2-134**	**LL2-141**	**LL2-141**
Sample ID	**LL20862**	**LL20865**	**LL20868**	**LL20871**	**LL20874**	**LL20887**	**LL21172**
Customer ID	**LL2ss-130-0862-SO**	**LL2ss-131-0865-SO**	**LL2ss-132-0868-SO**	**LL2ss-133-0871-SO**	**LL2ss-134-0874-SO**	**LL2ss-141-0887-SO**	**LL2ss-141-1172-SO**
Date	**07/27/2001**	**07/26/2001**	**07/26/2001**	**07/28/2001**	**07/28/2001**	**07/26/2001**	**07/26/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**
Analyte (mg/kg)							
1,3,5-Trinitrobenzene	0.23 J	0.25 U	0.25 U	0.83 J	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	0.25 U	0.25 U	0.25 U	0.13 J	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	23 J	4.9 =	270 =	29 J	7.7 =	0.25 U	0.25 U
2,4-Dinitrotoluene	0.13 J	0.054 J	0.2 J	1.4 J	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	0.25 U	0.25 U	1.5 U	1.1 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	1.6 =	0.62 =	3.2 =	9.4 J	0.4 =	0.25 U	0.25 U
2-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.78 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	4.8 U	1.3 U	12 U	14 U	1.9 U	0.25 U	0.25 U
4-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Nitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Nitrocellulose			66.9 J				
Nitroglycerin	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Nitroguanidine			0.25 U				
RDX	0.5 U	0.5 U	0.5 U	0.19 J	0.5 U	0.5 U	0.5 U
Tetryl	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U

Table I-2. Surface Soil Explosives and Propellants (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL2-144**	**LL2-146**	**LL2-149**	**LL2-150**	**LL2-158**	**LL2-162**	**LL2-164**
Sample ID	**LL20896**	**LL20902**	**LL20911**	**LL20914**	**LL20932**	**LL20944**	**LL20950**
Customer ID	**LL2ss-144-0896-SO**	**LL2ss-146-0902-SO**	**LL2ss-149-0911-SO**	**LL2ss-150-0914-SO**	**LL2ss-158-0932-SO**	**LL2ss-162-0944-SO**	**LL2ss-164-0950-SO**
Date	**07/28/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/28/2001**	**07/28/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)							
1,3,5-Trinitrobenzene	0.094 J	0.25 U	0.25 U	0.25 U	2.2 J	0.25 U	0.25 U
1,3-Dinitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	2.5 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	4.3 J	1.3 =	1.1 J	0.67 J	610 J	9.2 J	0.25 U
2,4-Dinitrotoluene	0.086 J	0.25 U	0.25 U	0.25 U	0.48 J	0.25 U	0.25 U
2,6-Dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	2.5 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	1.2 J	0.4 =	0.46 =	0.25 U	2.5 U	0.37 J	0.25 U
2-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	2.5 U	0.25 U	0.25 U
3-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	2.5 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	2.3 U	0.49 =	0.66 J	0.28 U	2.5 U	1.9 U	0.25 U
4-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	2.5 U	0.25 U	0.25 U
HMX	0.5 U	0.5 U	0.5 U	0.5 U	5 U	4.6 J	0.5 U
Nitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	2.5 U	0.25 U	0.25 U
Nitrocellulose							
Nitroglycerin	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U
Nitroguanidine							
RDX	0.5 U	0.5 U	0.5 U	0.5 U	5 U	25 J	0.5 U
Tetryl	0.65 U	0.65 U	0.65 U	0.65 U	6.5 U	0.65 U	0.65 U

Table I-2. Surface Soil Explosives and Propellants (continued)

Location	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL2-164**	**LL2-165**	**LL2-166**	**LL2-167**	**LL2-169**	**LL2-170**	**LL2-175**
Sample ID	**LL21167**	**LL20953**	**LL20956**	**LL20959**	**LL20963**	**LL20966**	**LL20977**
Customer ID	**LL2ss-164-1167-SO**	**LL2ss-165-0953-SO**	**LL2ss-166-0956-SO**	**LL2ss-167-0959-SO**	**LL2ss-169-0963-SO**	**LL2ss-170-0966-SO**	**LL2ss-175-0977-SO**
Date	**07/28/2001**	**07/28/2001**	**07/27/2001**	**07/27/2001**	**07/24/2001**	**07/24/2001**	**07/27/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)							
1,3,5-Trinitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.045 J
2,4,6-Trinitrotoluene	0.25 U	0.16 J	1.2 =	0.49 =	0.25 U	0.25 U	0.28 U
2,4-Dinitrotoluene	0.25 U	0.049 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	0.25 U	0.25 U	0.38 U	0.34 =	0.25 U	0.25 U	0.25 U
2-Nitrotoluene	0.25 U	0.25 U	0.39 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	0.25 U	0.25 U	0.3 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	0.25 U	0.25 U	0.82 U	0.48 =	0.25 U	0.25 U	0.25 U
4-Nitrotoluene	0.25 U	0.25 U	0.84 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Nitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Nitrocellulose							
Nitroglycerin	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Nitroguanidine							
RDX	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetryl	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U

Table I-2. Surface Soil Explosives and Propellants (continued)

Location	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate
Station	**LL2-176**	**LL2-177**	**LL2-178**	**LL2-187**	**LL2-188**	**LL2-204**	**LL2-205**
Sample ID	**LL20980**	**LL20983**	**LL20986**	**LL21013**	**LL21016**	**LL21044**	**LL21045**
Customer ID	**LL2ss-176-0980-SO**	**LL2ss-177-0983-SO**	**LL2ss-178-0986-SO**	**LL2ss-187-1013-SO**	**LL2ss-188-1016-SO**	**LL2ss-204-1044-SO**	**LL2ss-205-1045-SO**
Date	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/28/2001**	**07/27/2001**	**07/31/2001**	**07/30/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)							
1,3,5-Trinitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	0.58 J	0.25 U	0.25 U	0.25 U	0.69 J	0.25 U	0.073 J
2,4-Dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.51 =
2,6-Dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.29 =
2-Amino-4,6-dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.22 J	0.25 U	0.25 U
4-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Nitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Nitrocellulose							
Nitroglycerin	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Nitroguanidine							
RDX	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetryl	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U

Table I-2. Surface Soil Explosives and Propellants (continued)

Location	Perimeter Area Aggregate	Preparation and Receiving Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-241**	**LL2-243**	**LL2-272**	**LL2-273**	**LL2-274**
Sample ID	**LL20839**	**LL20834**	**LL20688**	**LL20692**	**LL20686**
Customer ID	**LL2ss-241-0839-SO**	**LL2ss-243-0834-SO**	**LL2ss-272-0688-SO**	**LL2ss-273-0692-SO**	**LL2ss-274-0686-SO**
Date	**08/13/2001**	**08/13/2001**	**08/25/2001**	**08/26/2001**	**08/25/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
1,3,5-Trinitrobenzene	0.25 U	0.25 U	0.95 =	0.25 U	0.25 U
1,3-Dinitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	15 J	0.25 U	27 =	0.25 U	0.079 J
2,4-Dinitrotoluene	0.25 U	0.25 U	0.24 J	0.25 U	0.25 U
2,6-Dinitrotoluene	0.25 U	0.25 U	0.5 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	0.58 J	0.25 U	3.1 =	0.25 U	0.25 U
2-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	6.2 U	0.25 U	7.9 U	0.25 U	0.13 J
4-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Nitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Nitrocellulose					
Nitroglycerin	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Nitroguanidine					
RDX	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetryl	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-3. Surface Soil Pesticides and PCBs

Location	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate
Station	**LL2-064**	**LL2-065**	**LL2-066**	**LL2-067**	**LL2-067**	**LL2-068**	**LL2-069**	**LL2-071**
Sample ID	**LL20684**	**LL20687**	**LL20690**	**LL20693**	**LL21182**	**LL20696**	**LL20699**	**LL20703**
Customer ID	**LL2ss-064-0684-SO**	**LL2ss-065-0687-SO**	**LL2ss-066-0690-SO**	**LL2ss-067-0693-SO**	**LL2ss-067-1182-SO**	**LL2ss-068-0696-SO**	**LL2ss-069-0699-SO**	**LL2ss-071-0703-SO**
Date	**07/24/2001**	**07/24/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/25/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
4,4'-DDD	0.021 U		0.0043 U					0.0044 U
4,4'-DDE	0.021 U		0.0043 U					0.0044 U
4,4'-DDT	0.021 UJ		0.0043 UJ					0.0044 UJ
Aldrin	0.021 U		0.0043 U					0.0044 U
Dieldrin	0.021 U		0.0043 U					0.0044 U
Endosulfan I	0.021 U		0.0043 U					0.0044 U
Endosulfan II	0.021 U		0.0043 U					0.0044 U
Endosulfan sulfate	0.021 U		0.0043 U					0.0044 U
Endrin	0.021 U		0.0043 U					0.0044 U
Endrin aldehyde	0.021 U		0.0043 U					0.0044 U
Endrin ketone	0.021 U		0.0043 U					0.0044 U
Heptachlor	0.021 U		0.0043 U					0.0044 U
Heptachlor epoxide	0.021 U		0.0043 U					0.0044 U
Lindane	0.021 U		0.0043 U					0.0044 U
Methoxychlor	0.04 UJ		0.0083 UJ					0.0085 UJ
PCB-1016	0.04 U	0.037 U	0.042 U	0.042 U	0.041 U	0.038 U	0.037 U	0.043 U
PCB-1221	0.04 U	0.037 U	0.042 U	0.042 U	0.041 U	0.038 U	0.037 U	0.043 U
PCB-1232	0.04 U	0.037 U	0.042 U	0.042 U	0.041 U	0.038 U	0.037 U	0.043 U
PCB-1242	0.04 U	0.037 U	0.042 U	0.042 U	0.041 U	0.038 U	0.037 U	0.043 U
PCB-1248	0.04 U	0.037 U	0.042 U	0.042 U	0.041 U	0.038 U	0.037 U	0.043 U
PCB-1254	0.04 U	0.037 U	0.042 U	0.042 U	0.041 U	0.038 U	0.037 U	0.043 U
PCB-1260	0.04 U	0.037 U	0.042 U	0.042 U	0.051 J	0.13 J	0.037 U	0.043 U
Toxaphene	0.81 U		0.17 U					0.17 U
alpha-BHC	0.021 U		0.0043 U					0.0044 U
alpha-Chlordane	0.021 U		0.0043 U					0.0044 U
beta-BHC	0.021 U		0.0043 U					0.0044 U
delta-BHC	0.021 U		0.0043 U					0.0044 U
gamma-Chlordane	0.021 U		0.0043 U					0.0044 U

Table I-3. Surface Soil Pesticides and PCBs (continued)

Location	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-072**	**LL2-073**	**LL2-074**	**LL2-076**	**LL2-078**	**LL2-078**	**LL2-079**	**LL2-080**
Sample ID	**LL20706**	**LL20709**	**LL20712**	**LL20716**	**LL20720**	**LL21171**	**LL20723**	**LL20726**
Customer ID	**LL2ss-072-0706-SO**	**LL2ss-073-0709-SO**	**LL2ss-074-0712-SO**	**LL2ss-076-0716-SO**	**LL2ss-078-0720-SO**	**LL2ss-078-1171-SO**	**LL2ss-079-0723-SO**	**LL2ss-080-0726-SO**
Date	**07/25/2001**	**07/24/2001**	**07/24/2001**	**07/25/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/25/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**
Analyte (mg/kg)								
4,4'-DDD				0.0037 U				
4,4'-DDE				0.0037 U				
4,4'-DDT				0.0037 UJ				
Aldrin				0.0037 U				
Dieldrin				0.0037 U				
Endosulfan I				0.0037 U				
Endosulfan II				0.0037 U				
Endosulfan sulfate				0.0037 U				
Endrin				0.0037 U				
Endrin aldehyde				0.0037 U				
Endrin ketone				0.0037 U				
Heptachlor				0.0037 U				
Heptachlor epoxide				0.0037 U				
Lindane				0.0037 U				
Methoxychlor				0.0073 UJ				
PCB-1016	0.04 U	0.036 U	0.035 U	0.036 U	0.21 U	0.21 U	0.038 U	0.037 U
PCB-1221	0.04 U	0.036 U	0.035 U	0.036 U	0.21 U	0.21 U	0.038 U	0.037 U
PCB-1232	0.04 U	0.036 U	0.035 U	0.036 U	0.21 U	0.21 U	0.038 U	0.037 U
PCB-1242	0.04 U	0.036 U	0.035 U	0.036 U	0.21 U	0.21 U	0.038 U	0.037 U
PCB-1248	0.04 U	0.036 U	0.035 U	0.036 U	0.21 U	0.21 U	0.038 U	0.037 U
PCB-1254	0.04 U	0.036 U	0.035 U	0.036 U	1.2 =	1.4 =	0.051 =	0.16 J
PCB-1260	0.04 U	0.036 U	0.035 U	0.036 U	0.21 U	0.21 U	0.038 U	0.037 U
Toxaphene				0.15 U				
alpha-BHC				0.0037 U				
alpha-Chlordane				0.0037 U				
beta-BHC				0.0037 U				
delta-BHC				0.0037 U				
gamma-Chlordane				0.0037 U				

Table I-3. Surface Soil Pesticides and PCBs (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-080**	**LL2-081**	**LL2-082**	**LL2-083**	**LL2-086**	**LL2-086**	**LL2-087**	**LL2-087**
Sample ID	**LL21176**	**LL20729**	**LL20732**	**LL20735**	**LL20740**	**LL21168**	**LL20743**	**LL21177**
Customer ID	**LL2ss-080-1176-SO**	**LL2ss-081-0729-SO**	**LL2ss-082-0732-SO**	**LL2ss-083-0735-SO**	**LL2ss-086-0740-SO**	**LL2ss-086-1168-SO**	**LL2ss-087-0743-SO**	**LL2ss-087-1177-SO**
Date	**07/25/2001**	**07/25/2001**	**07/25/2001**	**07/25/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Field Duplicate**
Analyte (mg/kg)								
4,4'-DDD								
4,4'-DDE								
4,4'-DDT								
Aldrin								
Dieldrin								
Endosulfan I								
Endosulfan II								
Endosulfan sulfate								
Endrin								
Endrin aldehyde								
Endrin ketone								
Heptachlor								
Heptachlor epoxide								
Lindane								
Methoxychlor								
PCB-1016	0.036 U	0.39 U	0.38 U	0.037 U	1.9 U	1.9 U	0.41 U	0.4 U
PCB-1221	0.036 U	0.39 U	0.38 U	0.037 U	1.9 U	1.9 U	0.41 U	0.4 U
PCB-1232	0.036 U	0.39 U	0.38 U	0.037 U	1.9 U	1.9 U	0.41 U	0.4 U
PCB-1242	0.036 U	0.39 U	0.38 U	0.037 U	1.9 U	1.9 U	0.41 U	0.4 U
PCB-1248	0.036 U	0.39 U	0.38 U	0.037 U	1.9 U	1.9 U	0.41 U	0.4 U
PCB-1254	0.036 U	0.39 U	0.53 =	0.037 U	1.9 U	1.9 U	2.6 =	0.83 J
PCB-1260	0.18 J	1.2 =	0.38 U	0.037 U	1.9 U	1.9 U	0.41 U	0.4 U
Toxaphene								
alpha-BHC								
alpha-Chlordane								
beta-BHC								
delta-BHC								
gamma-Chlordane								

Table I-3. Surface Soil Pesticides and PCBs (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-088**	**LL2-089**	**LL2-090**	**LL2-093**	**LL2-094**	**LL2-095**	**LL2-096**	**LL2-096**
Sample ID	**LL20746**	**LL20749**	**LL20752**	**LL20757**	**LL20760**	**LL20763**	**LL20766**	**LL21169**
Customer ID	**LL2ss-088-0746-SO**	**LL2ss-089-0749-SO**	**LL2ss-090-0752-SO**	**LL2ss-093-0757-SO**	**LL2ss-094-0760-SO**	**LL2ss-095-0763-SO**	**LL2ss-096-0766-SO**	**LL2ss-096-1169-SO**
Date	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**
Analyte (mg/kg)								
4,4'-DDD								
4,4'-DDE								
4,4'-DDT								
Aldrin								
Dieldrin								
Endosulfan I								
Endosulfan II								
Endosulfan sulfate								
Endrin								
Endrin aldehyde								
Endrin ketone								
Heptachlor								
Heptachlor epoxide								
Lindane								
Methoxychlor								
PCB-1016	0.036 U	0.039 U	0.36 U	0.038 U	0.39 U	0.036 U	0.041 U	0.039 U
PCB-1221	0.036 U	0.039 U	0.36 U	0.038 U	0.39 U	0.036 U	0.041 U	0.039 U
PCB-1232	0.036 U	0.039 U	0.36 U	0.038 U	0.39 U	0.036 U	0.041 U	0.039 U
PCB-1242	0.036 U	0.039 U	0.36 U	0.038 U	0.39 U	0.036 U	0.041 U	0.039 U
PCB-1248	0.036 U	0.039 U	0.36 U	0.038 U	0.39 U	0.036 U	0.041 U	0.039 U
PCB-1254	0.036 U	0.093 =	0.86 =	0.038 U	1.1 =	0.036 U	0.041 U	0.039 U
PCB-1260	0.042 J	0.039 U	0.36 U	0.038 U	0.39 U	0.036 U	0.041 U	0.039 U
Toxaphene								
alpha-BHC								
alpha-Chlordane								
beta-BHC								
delta-BHC								
gamma-Chlordane								

Table I-3. Surface Soil Pesticides and PCBs (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate
Station	LL2-097	LL2-098	LL2-098	LL2-099	LL2-100	LL2-101	LL2-102	LL2-103
Sample ID	LL20769	LL20772	LL21164	LL20775	LL20778	LL20781	LL20784	LL20787
Customer ID	LL2ss-097-0769-SO	LL2ss-098-0772-SO	LL2ss-098-1164-SO	LL2ss-099-0775-SO	LL2ss-100-0778-SO	LL2ss-101-0781-SO	LL2ss-102-0784-SO	LL2ss-103-0787-SO
Date	07/26/2001	07/26/2001	07/26/2001	07/26/2001	07/26/2001	07/25/2001	07/25/2001	07/25/2001
Depth (ft)	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
Field Type	Grab	Grab	Field Duplicate	Grab	Grab	Grab	Grab	Grab
Analyte (mg/kg)								
4,4'-DDD		0.002 U	0.002 U					
4,4'-DDE		0.0079 J	0.016 J					
4,4'-DDT		0.002 UJ	0.002 UJ					
Aldrin		0.002 U	0.002 U					
Dieldrin		0.002 U	0.002 U					
Endosulfan I		0.002 U	0.002 U					
Endosulfan II		0.002 U	0.002 U					
Endosulfan sulfate		0.002 U	0.002 U					
Endrin		0.002 U	0.002 U					
Endrin aldehyde		0.0046 J	0.002 U					
Endrin ketone		0.002 U	0.002 U					
Heptachlor		0.002 U	0.002 U					
Heptachlor epoxide		0.002 U	0.002 U					
Lindane		0.002 U	0.002 U					
Methoxychlor		0.0039 UJ	0.0038 UJ					
PCB-1016	0.041 U	0.039 U	0.038 U	0.037 U	0.39 U	0.036 U	0.038 U	0.069 U
PCB-1221	0.041 U	0.039 U	0.038 U	0.037 U	0.39 U	0.036 U	0.038 U	0.069 U
PCB-1232	0.041 U	0.039 U	0.038 U	0.037 U	0.39 U	0.036 U	0.038 U	0.069 U
PCB-1242	0.041 U	0.039 U	0.038 U	0.037 U	0.39 U	0.036 U	0.038 U	0.069 U
PCB-1248	0.041 U	0.039 U	0.038 U	0.037 U	0.39 U	0.036 U	0.038 U	0.069 U
PCB-1254	0.041 U	0.24 =	0.56 =	0.39 =	3 =	0.08 =	0.038 U	0.35 =
PCB-1260	0.041 U	0.039 U	0.038 U	0.037 U	0.39 U	0.036 U	0.054 =	0.069 U
Toxaphene		0.079 U	0.077 U					
alpha-BHC		0.002 U	0.002 U					
alpha-Chlordane		0.002 U	0.002 U					
beta-BHC		0.002 U	0.002 U					
delta-BHC		0.002 U	0.002 U					
gamma-Chlordane		0.0024 J	0.0041 J					

Table I-3. Surface Soil Pesticides and PCBs (continued)

Location	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Preparation and Receiving Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-104**	**LL2-105**	**LL2-106**	**LL2-107**	**LL2-108**	**LL2-109**	**LL2-110**	**LL2-111**
Sample ID	**LL20790**	**LL20793**	**LL20796**	**LL20799**	**LL20802**	**LL20805**	**LL20808**	**LL20811**
Customer ID	**LL2ss-104-0790-SO**	**LL2ss-105-0793-SO**	**LL2ss-106-0796-SO**	**LL2ss-107-0799-SO**	**LL2ss-108-0802-SO**	**LL2ss-109-0805-SO**	**LL2ss-110-0808-SO**	**LL2ss-111-0811-SO**
Date	**07/24/2001**	**07/25/2001**	**07/25/2001**	**07/25/2001**	**07/27/2001**	**07/27/2001**	**07/28/2001**	**07/28/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
4,4'-DDD								
4,4'-DDE								
4,4'-DDT								
Aldrin								
Dieldrin								
Endosulfan I								
Endosulfan II								
Endosulfan sulfate								
Endrin								
Endrin aldehyde								
Endrin ketone								
Heptachlor								
Heptachlor epoxide								
Lindane								
Methoxychlor								
PCB-1016	3.9 U	0.17 U	0.37 U	0.036 U	0.036 U	0.037 U	0.036 U	0.18 U
PCB-1221	3.9 U	0.17 U	0.37 U	0.036 U	0.036 U	0.037 U	0.036 U	0.18 U
PCB-1232	3.9 U	0.17 U	0.37 U	0.036 U	0.036 U	0.037 U	0.036 U	0.18 U
PCB-1242	3.9 U	0.17 U	0.37 U	0.036 U	0.036 U	0.037 U	0.036 U	0.18 U
PCB-1248	3.9 U	0.17 U	0.37 U	0.036 U	0.036 U	0.037 U	0.036 U	0.18 U
PCB-1254	9.5 J	0.2 =	0.75 =	0.27 =	0.036 U	0.038 =	0.088 =	0.18 U
PCB-1260	3.9 U	0.17 U	0.37 U	0.036 U	0.053 =	0.037 U	0.036 U	0.79 =
Toxaphene								
alpha-BHC								
alpha-Chlordane								
beta-BHC								
delta-BHC								
gamma-Chlordane								

Table I-3. Surface Soil Pesticides and PCBs (continued)

Location	Packaging and Shipping Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-112**	**LL2-113**	**LL2-114**	**LL2-115**	**LL2-116**	**LL2-117**	**LL2-118**	**LL2-119**
Sample ID	**LL20814**	**LL20817**	**LL20820**	**LL20823**	**LL20826**	**LL20829**	**LL20832**	**LL20835**
Customer ID	**LL2ss-112-0814-SO**	**LL2ss-113-0817-SO**	**LL2ss-114-0820-SO**	**LL2ss-115-0823-SO**	**LL2ss-116-0826-SO**	**LL2ss-117-0829-SO**	**LL2ss-118-0832-SO**	**LL2ss-119-0835-SO**
Date	**07/27/2001**	**07/27/2001**	**07/28/2001**	**07/25/2001**	**07/25/2001**	**07/25/2001**	**07/25/2001**	**07/25/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
4,4'-DDD				0.0036 U				
4,4'-DDE				0.031 J				
4,4'-DDT				0.0036 UJ				
Aldrin				0.0036 U				
Dieldrin				0.0036 U				
Endosulfan I				0.0036 U				
Endosulfan II				0.0036 U				
Endosulfan sulfate				0.0036 U				
Endrin				0.0036 U				
Endrin aldehyde				0.0036 U				
Endrin ketone				0.0036 U				
Heptachlor				0.0036 U				
Heptachlor epoxide				0.0036 U				
Lindane				0.0036 U				
Methoxychlor				0.0071 U				
PCB-1016	0.036 U	0.036 U	0.036 U	0.35 U	0.035 U	0.035 U	0.69 U	0.035 U
PCB-1221	0.036 U	0.036 U	0.036 U	0.35 U	0.035 U	0.035 U	0.69 U	0.035 U
PCB-1232	0.036 U	0.036 U	0.036 U	0.35 U	0.035 U	0.035 U	0.69 U	0.035 U
PCB-1242	0.036 U	0.036 U	0.036 U	0.35 U	0.035 U	0.035 U	0.69 U	0.035 U
PCB-1248	0.036 U	0.036 U	0.036 U	0.35 U	0.035 U	0.035 U	0.69 U	0.035 U
PCB-1254	0.036 U	0.11 =	0.52 =	0.72 J	0.083 =	0.035 U	1.3 =	0.037 =
PCB-1260	0.036 U	0.036 U	0.036 U	0.35 U	0.035 U	0.035 U	0.69 U	0.035 U
Toxaphene				0.14 UJ				
alpha-BHC				0.0036 U				
alpha-Chlordane				0.0036 U				
beta-BHC				0.0036 U				
delta-BHC				0.0036 U				
gamma-Chlordane				0.0036 U				

Table I-3. Surface Soil Pesticides and PCBs (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-120**	**LL2-121**	**LL2-122**	**LL2-126**	**LL2-126**	**LL2-127**	**LL2-128**	**LL2-129**
Sample ID	**LL20838**	**LL20841**	**LL20844**	**LL20850**	**LL21166**	**LL20853**	**LL20856**	**LL20859**
Customer ID	**LL2ss-120-0838-SO**	**LL2ss-121-0841-SO**	**LL2ss-122-0844-SO**	**LL2ss-126-0850-SO**	**LL2ss-126-1166-SO**	**LL2ss-127-0853-SO**	**LL2ss-128-0856-SO**	**LL2ss-129-0859-SO**
Date	**07/25/2001**	**07/25/2001**	**07/25/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/27/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
4,4'-DDD				0.004 U	0.004 U			0.002 U
4,4'-DDE				0.004 U	0.004 U			0.002 U
4,4'-DDT				0.004 UJ	0.004 UJ			0.0064 =
Aldrin				0.004 U	0.004 U			0.002 U
Dieldrin				0.004 U	0.004 U			0.002 U
Endosulfan I				0.004 U	0.004 U			0.002 U
Endosulfan II				0.004 U	0.004 U			0.002 U
Endosulfan sulfate				0.004 U	0.004 U			0.002 U
Endrin				0.004 U	0.004 U			0.002 U
Endrin aldehyde				0.004 U	0.004 U			0.002 U
Endrin ketone				0.004 U	0.004 U			0.002 U
Heptachlor				0.004 U	0.004 U			0.002 U
Heptachlor epoxide				0.004 U	0.004 U			0.002 U
Lindane				0.004 U	0.004 U			0.002 U
Methoxychlor				0.0078 UJ	0.0077 UJ			0.0039 U
PCB-1016	0.035 U	0.034 U	0.034 U	0.039 U	0.038 U	0.38 U	0.037 U	0.039 U
PCB-1221	0.035 U	0.034 U	0.034 U	0.039 U	0.038 U	0.38 U	0.037 U	0.039 U
PCB-1232	0.035 U	0.034 U	0.034 U	0.039 U	0.038 U	0.38 U	0.037 U	0.039 U
PCB-1242	0.035 U	0.034 U	0.034 U	0.039 U	0.038 U	0.38 U	0.037 U	0.039 U
PCB-1248	0.035 U	0.034 U	0.034 U	0.039 U	0.038 U	0.38 U	0.037 U	0.039 U
PCB-1254	0.14 =	0.064 =	0.16 J	0.057 =	0.066 =	1.2 =	0.049 =	0.056 =
PCB-1260	0.035 U	0.034 U	0.034 U	0.039 U	0.038 U	0.38 U	0.037 U	0.039 U
Toxaphene				0.16 U	0.16 U			0.079 U
alpha-BHC				0.004 U	0.004 U			0.002 U
alpha-Chlordane				0.004 U	0.004 U			0.002 U
beta-BHC				0.004 U	0.004 U			0.002 U
delta-BHC				0.004 U	0.004 U			0.002 U
gamma-Chlordane				0.004 U	0.004 U			0.002 U

Table I-3. Surface Soil Pesticides and PCBs (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-129**	**LL2-130**	**LL2-131**	**LL2-132**	**LL2-133**	**LL2-134**	**LL2-139**	**LL2-140**
Sample ID	**LL21165**	**LL20862**	**LL20865**	**LL20868**	**LL20871**	**LL20874**	**LL20881**	**LL20884**
Customer ID	**LL2ss-129-1165-SO**	**LL2ss-130-0862-SO**	**LL2ss-131-0865-SO**	**LL2ss-132-0868-SO**	**LL2ss-133-0871-SO**	**LL2ss-134-0874-SO**	**LL2ss-139-0881-SO**	**LL2ss-140-0884-SO**
Date	**07/27/2001**	**07/27/2001**	**07/26/2001**	**07/26/2001**	**07/28/2001**	**07/28/2001**	**07/26/2001**	**07/26/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
4,4'-DDD	0.004 UJ				2 U			
4,4'-DDE	0.004 U				2 U			
4,4'-DDT	0.024 J				2 U			
Aldrin	0.004 U				2 U			
Dieldrin	0.004 U				2 U			
Endosulfan I	0.004 U				2 U			
Endosulfan II	0.004 UJ				2 U			
Endosulfan sulfate	0.004 U				2 U			
Endrin	0.004 UJ				2 U			
Endrin aldehyde	0.0084 =				2 U			
Endrin ketone	0.004 U				2 U			
Heptachlor	0.004 U				2 U			
Heptachlor epoxide	0.004 U				2 U			
Lindane	0.004 U				2 U			
Methoxychlor	0.0078 UJ				3.8 U			
PCB-1016	0.039 U	0.73 U	1.9 U	0.39 U	0.038 U	0.39 U	0.037 U	0.037 U
PCB-1221	0.039 U	0.73 U	1.9 U	0.39 U	0.038 U	0.39 U	0.037 U	0.037 U
PCB-1232	0.039 U	0.73 U	1.9 U	0.39 U	0.038 U	0.39 U	0.037 U	0.037 U
PCB-1242	0.039 U	0.73 U	1.9 U	0.39 U	0.038 U	0.39 U	0.037 U	0.037 U
PCB-1248	0.039 U	0.73 U	1.9 U	0.39 U	0.038 U	0.39 U	0.037 U	0.037 U
PCB-1254	0.13 =	2.5 J	5 J	5.2 J	0.77 =	4.4 =	0.083 J	0.15 =
PCB-1260	0.039 U	0.73 U	1.9 U	0.39 U	0.038 U	0.39 U	0.037 U	0.037 U
Toxaphene	0.16 UJ				78 UJ			
alpha-BHC	0.004 U				2 U			
alpha-Chlordane	0.004 U				2 U			
beta-BHC	0.004 U				2 U			
delta-BHC	0.004 U				2 U			
gamma-Chlordane	0.004 U				2 U			

Table I-3. Surface Soil Pesticides and PCBs (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	LL2-141	LL2-141	LL2-142	LL2-143	LL2-144	LL2-144	LL2-145	LL2-146
Sample ID	LL20887	LL21172	LL20890	LL20893	LL20896	LL21178	LL20899	LL20902
Customer ID	LL2ss-141-0887-SO	LL2ss-141-1172-SO	LL2ss-142-0890-SO	LL2ss-143-0893-SO	LL2ss-144-0896-SO	LL2ss-144-1178-SO	LL2ss-145-0899-SO	LL2ss-146-0902-SO
Date	07/26/2001	07/26/2001	07/28/2001	07/28/2001	07/28/2001	07/28/2001	07/27/2001	07/27/2001
Depth (ft)	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
Field Type	Grab	Field Duplicate	Grab	Grab	Grab	Field Duplicate	Grab	Grab
Analyte (mg/kg)								
4,4'-DDD							0.0039 U	
4,4'-DDE							0.0039 U	
4,4'-DDT							0.0039 U	
Aldrin							0.0039 U	
Dieldrin							0.013 J	
Endosulfan I							0.0039 U	
Endosulfan II							0.0039 U	
Endosulfan sulfate							0.0039 U	
Endrin							0.0039 U	
Endrin aldehyde							0.087 J	
Endrin ketone							0.0039 U	
Heptachlor							0.036 =	
Heptachlor epoxide							0.0039 U	
Lindane							0.0039 U	
Methoxychlor							0.0076 U	
PCB-1016	0.38 U	0.04 U	0.037 U	0.038 U	0.039 U	0.039 U	0.38 U	0.35 U
PCB-1221	0.38 U	0.04 U	0.037 U	0.038 U	0.039 U	0.039 U	0.38 U	0.35 U
PCB-1232	0.38 U	0.04 U	0.037 U	0.038 U	0.039 U	0.039 U	0.38 U	0.35 U
PCB-1242	0.38 U	0.04 U	0.037 U	0.038 U	0.039 U	0.039 U	0.38 U	0.35 U
PCB-1248	0.38 U	0.04 U	0.037 U	0.038 U	0.039 U	0.039 U	0.38 U	0.35 U
PCB-1254	0.59 =	0.6 =	0.037 U	0.038 U	0.039 U	0.043 =	0.38 U	0.35 U
PCB-1260	0.38 U	0.04 U	0.037 U	0.038 U	0.039 U	0.039 U	0.92 =	2.8 =
Toxaphene							0.15 UJ	
alpha-BHC							0.0039 U	
alpha-Chlordane							0.0039 U	
beta-BHC							0.0047 J	
delta-BHC							0.0039 U	
gamma-Chlordane							0.088 J	

Table I-3. Surface Soil Pesticides and PCBs (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-147**	**LL2-147**	**LL2-148**	**LL2-149**	**LL2-150**	**LL2-154**	**LL2-155**	**LL2-156**
Sample ID	**LL20905**	**LL21179**	**LL20908**	**LL20911**	**LL20914**	**LL20920**	**LL20923**	**LL20926**
Customer ID	**LL2ss-147-0905-SO**	**LL2ss-147-1179-SO**	**LL2ss-148-0908-SO**	**LL2ss-149-0911-SO**	**LL2ss-150-0914-SO**	**LL2ss-154-0920-SO**	**LL2ss-155-0923-SO**	**LL2ss-156-0926-SO**
Date	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
4,4'-DDD				0.0019 U				
4,4'-DDE				0.011 J				
4,4'-DDT				0.0019 UJ				
Aldrin				0.0019 U				
Dieldrin				0.0019 U				
Endosulfan I				0.0019 U				
Endosulfan II				0.0019 U				
Endosulfan sulfate				0.0019 U				
Endrin				0.0019 U				
Endrin aldehyde				0.0067 J				
Endrin ketone				0.0019 U				
Heptachlor				0.0019 U				
Heptachlor epoxide				0.0019 U				
Lindane				0.0019 U				
Methoxychlor				0.0036 UJ				
PCB-1016	0.039 U	0.039 U	0.7 U	0.18 U	0.18 U	0.038 U	0.4 U	0.036 U
PCB-1221	0.039 U	0.039 U	0.7 U	0.18 U	0.18 U	0.038 U	0.4 U	0.036 U
PCB-1232	0.039 U	0.039 U	0.7 U	0.18 U	0.18 U	0.038 U	0.4 U	0.036 U
PCB-1242	0.039 U	0.039 U	0.7 U	0.18 U	0.18 U	0.038 U	0.4 U	0.036 U
PCB-1248	0.039 U	0.039 U	0.7 U	0.18 U	0.18 U	0.038 U	0.4 U	0.036 U
PCB-1254	0.039 U	0.039 U	1.8 J	0.59 =	0.18 U	0.038 U	0.4 U	0.1 =
PCB-1260	0.3 J	0.22 =	0.7 U	0.18 U	0.64 J	0.038 U	0.4 U	0.036 U
Toxaphene				0.074 U				
alpha-BHC				0.0019 U				
alpha-Chlordane				0.0019 U				
beta-BHC				0.0021 J				
delta-BHC				0.0019 U				
gamma-Chlordane				0.0019 U				

Table I-3. Surface Soil Pesticides and PCBs (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-157**	**LL2-158**	**LL2-158**	**LL2-159**	**LL2-160**	**LL2-161**	**LL2-162**	**LL2-163**
Sample ID	**LL20929**	**LL20932**	**LL21180**	**LL20935**	**LL20938**	**LL20941**	**LL20944**	**LL20947**
Customer ID	**LL2ss-157-0929-SO**	**LL2ss-158-0932-SO**	**LL2ss-158-1180-SO**	**LL2ss-159-0935-SO**	**LL2ss-160-0938-SO**	**LL2ss-161-0941-SO**	**LL2ss-162-0944-SO**	**LL2ss-163-0947-SO**
Date	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/28/2001**	**07/27/2001**	**07/28/2001**	**07/28/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
4,4'-DDD					0.0096 U			
4,4'-DDE					0.0096 U			
4,4'-DDT					0.0096 U			
Aldrin					0.0096 U			
Dieldrin					0.0096 U			
Endosulfan I					0.0096 U			
Endosulfan II					0.0096 U			
Endosulfan sulfate					0.0096 U			
Endrin					0.0096 U			
Endrin aldehyde					0.0096 U			
Endrin ketone					0.0096 U			
Heptachlor					0.0096 U			
Heptachlor epoxide					0.0096 U			
Lindane					0.0096 U			
Methoxychlor					0.019 U			
PCB-1016	0.038 U	0.19 U	0.037 U	0.038 U	0.037 U	0.037 U	0.037 U	0.037 U
PCB-1221	0.038 U	0.19 U	0.037 U	0.038 U	0.037 U	0.037 U	0.037 U	0.037 U
PCB-1232	0.038 U	0.19 U	0.037 U	0.038 U	0.037 U	0.037 U	0.037 U	0.037 U
PCB-1242	0.038 U	0.19 U	0.037 U	0.038 U	0.037 U	0.037 U	0.037 U	0.037 U
PCB-1248	0.038 U	0.19 U	0.037 U	0.038 U	0.037 U	0.037 U	0.037 U	0.037 U
PCB-1254	0.039 =	0.19 U	0.037 U	0.038 U	0.25 J	0.037 U	0.12 J	0.089 =
PCB-1260	0.038 U	0.24 =	0.13 =	0.038 U	0.037 U	0.037 U	0.037 U	0.037 U
Toxaphene					0.38 UJ			
alpha-BHC					0.0096 U			
alpha-Chlordane					0.0096 U			
beta-BHC					0.0096 U			
delta-BHC					0.0096 U			
gamma-Chlordane					0.0096 U			

Table I-3. Surface Soil Pesticides and PCBs (continued)

Location	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL2-164**	**LL2-164**	**LL2-165**	**LL2-166**	**LL2-167**	**LL2-169**	**LL2-170**	**LL2-171**
Sample ID	**LL20950**	**LL21167**	**LL20953**	**LL20956**	**LL20959**	**LL20963**	**LL20966**	**LL20969**
Customer ID	**LL2ss-164-0950-SO**	**LL2ss-164-1167-SO**	**LL2ss-165-0953-SO**	**LL2ss-166-0956-SO**	**LL2ss-167-0959-SO**	**LL2ss-169-0963-SO**	**LL2ss-170-0966-SO**	**LL2ss-171-0969-SO**
Date	**07/28/2001**	**07/28/2001**	**07/28/2001**	**07/27/2001**	**07/27/2001**	**07/24/2001**	**07/24/2001**	**07/24/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
4,4'-DDD	0.0039 U	0.0039 U	0.096 U					
4,4'-DDE	0.024 J	0.02 J	0.88 =					
4,4'-DDT	0.0039 U	0.0039 U	0.37 J					
Aldrin	0.0039 U	0.0039 U	0.096 U					
Dieldrin	0.011 J	0.0067 J	0.29 J					
Endosulfan I	0.0039 U	0.0039 U	0.096 U					
Endosulfan II	0.0039 U	0.0039 U	0.096 U					
Endosulfan sulfate	0.0039 U	0.0039 U	0.096 U					
Endrin	0.0039 U	0.0039 U	0.096 U					
Endrin aldehyde	0.014 J	0.006 J	0.65 =					
Endrin ketone	0.0039 U	0.0039 U	0.096 U					
Heptachlor	0.0039 U	0.0039 U	0.096 U					
Heptachlor epoxide	0.0039 U	0.0039 U	0.096 U					
Lindane	0.0039 U	0.0039 U	0.096 U					
Methoxychlor	0.0075 U	0.0076 U	0.19 U					
PCB-1016	19 U	3.8 U	0.75 U	4.8 U	7.4 U	0.037 U	0.034 U	0.037 U
PCB-1221	19 U	3.8 U	0.75 U	4.8 U	7.4 U	0.037 U	0.034 U	0.037 U
PCB-1232	19 U	3.8 U	0.75 U	4.8 U	7.4 U	0.037 U	0.034 U	0.037 U
PCB-1242	19 U	3.8 U	0.75 U	4.8 U	7.4 U	0.037 U	0.034 U	0.037 U
PCB-1248	19 U	3.8 U	0.75 U	4.8 U	7.4 U	0.037 U	0.034 U	0.037 U
PCB-1254	19 U	3.8 U	9.4 =	36 =	59 =	0.037 U	0.034 U	0.051 =
PCB-1260	19 U	3.8 U	0.75 U	4.8 U	7.4 U	0.037 U	0.079 J	0.037 U
Toxaphene	0.15 U	0.15 U	3.8 U					
alpha-BHC	0.0039 U	0.0039 U	0.096 U					
alpha-Chlordane	0.0039 U	0.0039 U	0.096 U					
beta-BHC	0.0053 J	0.007 J	0.36 J					
delta-BHC	0.0039 U	0.0039 U	0.096 U					
gamma-Chlordane	0.007 J	0.0046 J	0.46 J					

Table I-3. Surface Soil Pesticides and PCBs (continued)

Location	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Packaging and Shipping Areas Aggregate	Preparation and Receiving Areas Aggregate	Packaging and Shipping Areas Aggregate
Station	**LL2-172**	**LL2-175**	**LL2-176**	**LL2-177**	**LL2-178**	**LL2-179**	**LL2-180**	**LL2-181**
Sample ID	**LL20972**	**LL20977**	**LL20980**	**LL20983**	**LL20986**	**LL20989**	**LL20992**	**LL20995**
Customer ID	**LL2ss-172-0972-SO**	**LL2ss-175-0977-SO**	**LL2ss-176-0980-SO**	**LL2ss-177-0983-SO**	**LL2ss-178-0986-SO**	**LL2ss-179-0989-SO**	**LL2ss-180-0992-SO**	**LL2ss-181-0995-SO**
Date	**07/24/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/25/2001**	**07/25/2001**	**07/25/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
4,4'-DDD		0.04 UJ						
4,4'-DDE		0.16 =						
4,4'-DDT		0.04 UJ						
Aldrin		0.04 U						
Dieldrin		0.04 U						
Endosulfan I		0.04 U						
Endosulfan II		0.04 UJ						
Endosulfan sulfate		0.04 U						
Endrin		0.04 UJ						
Endrin aldehyde		0.04 U						
Endrin ketone		0.04 U						
Heptachlor		0.04 U						
Heptachlor epoxide		0.04 U						
Lindane		0.04 U						
Methoxychlor		0.077 UJ						
PCB-1016	0.036 U	0.38 U	0.037 UJ	0.041 U	0.041 U	0.04 U	0.037 U	0.04 U
PCB-1221	0.036 U	0.38 U	0.037 UJ	0.041 U	0.041 U	0.04 U	0.037 U	0.04 U
PCB-1232	0.036 U	0.38 U	0.037 UJ	0.041 U	0.041 U	0.04 U	0.037 U	0.04 U
PCB-1242	0.036 U	0.38 U	0.037 UJ	0.041 U	0.041 U	0.04 U	0.037 U	0.04 U
PCB-1248	0.036 U	0.38 U	0.037 UJ	0.041 U	0.041 U	0.04 U	0.037 U	0.04 U
PCB-1254	0.036 U	3.9 J	0.037 UJ	0.041 U	0.041 U	0.04 U	0.037 U	0.04 U
PCB-1260	0.036 U	0.38 U	0.037 UJ	0.34 =	0.52 J	0.04 U	0.037 U	0.04 U
Toxaphene		1.6 UJ						
alpha-BHC		0.04 U						
alpha-Chlordane		0.04 U						
beta-BHC		0.04 U						
delta-BHC		0.04 U						
gamma-Chlordane		0.04 U						

Table I-3. Surface Soil Pesticides and PCBs (continued)

Location	Perimeter Area Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate
Station	**LL2-184**	**LL2-186**	**LL2-187**	**LL2-188**	**LL2-189**	**LL2-200**	**LL2-201**	**LL2-201**
Sample ID	**LL20833**	**LL21010**	**LL21013**	**LL21016**	**LL21019**	**LL21040**	**LL21041**	**LL21181**
Customer ID	**LL2ss-184-0833-SO**	**LL2ss-186-1010-SO**	**LL2ss-187-1013-SO**	**LL2ss-188-1016-SO**	**LL2ss-189-1019-SO**	**LL2ss-200-1040-SO**	**LL2ss-201-1041-SO**	**LL2ss-201-1181-SO**
Date	**08/13/2001**	**07/28/2001**	**07/28/2001**	**07/27/2001**	**07/28/2001**	**07/31/2001**	**07/31/2001**	**07/31/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**
Analyte (mg/kg)								
4,4'-DDD						0.002 U		
4,4'-DDE						0.0033 =		
4,4'-DDT						0.002 U		
Aldrin						0.002 U		
Dieldrin						0.002 U		
Endosulfan I						0.002 U		
Endosulfan II						0.002 U		
Endosulfan sulfate						0.002 U		
Endrin						0.002 U		
Endrin aldehyde						0.002 U		
Endrin ketone						0.002 U		
Heptachlor						0.002 UJ		
Heptachlor epoxide						0.002 U		
Lindane						0.002 U		
Methoxychlor						0.0038 U		
PCB-1016	0.037 U	0.034 U	0.037 U	0.12 U	0.038 U	0.038 U	0.038 UJ	0.037 UJ
PCB-1221	0.037 U	0.034 U	0.037 U	0.12 U	0.038 U	0.038 U	0.038 U	0.037 U
PCB-1232	0.037 U	0.034 U	0.037 U	0.12 U	0.038 U	0.038 U	0.038 U	0.037 U
PCB-1242	0.037 U	0.034 U	0.037 U	0.12 U	0.038 U	0.038 U	0.038 U	0.037 U
PCB-1248	0.037 U	0.034 U	0.037 U	0.12 U	0.038 U	0.038 U	0.038 U	0.037 U
PCB-1254	0.037 U	0.034 U	0.037 U	0.22 =	0.038 U	0.038 U	0.038 U	0.037 U
PCB-1260	0.037 U	0.034 U	0.037 U	0.12 U	0.038 U	0.038 U	0.038 UJ	0.037 UJ
Toxaphene						0.077 UJ		
alpha-BHC						0.002 U		
alpha-Chlordane						0.0083 =		
beta-BHC						0.0022 J		
delta-BHC						0.002 U		
gamma-Chlordane						0.002 U		

Table I-3. Surface Soil Pesticides and PCBs (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Preparation and Receiving Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-202**	**LL2-203**	**LL2-204**	**LL2-205**	**LL2-243**	**LL2-273**
Sample ID	**LL21042**	**LL21043**	**LL21044**	**LL21045**	**LL20834**	**LL20692**
Customer ID	**LL2ss-202-1042-SO**	**LL2ss-203-1043-SO**	**LL2ss-204-1044-SO**	**LL2ss-205-1045-SO**	**LL2ss-243-0834-SO**	**LL2ss-273-0692-SO**
Date	**07/31/2001**	**07/31/2001**	**07/31/2001**	**07/30/2001**	**08/13/2001**	**08/26/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)						
4,4'-DDD			0.0019 U			
4,4'-DDE			0.0019 U			
4,4'-DDT			0.0019 U			
Aldrin			0.0019 U			
Dieldrin			0.0032 J			
Endosulfan I			0.0019 U			
Endosulfan II			0.0019 U			
Endosulfan sulfate			0.0019 U			
Endrin			0.0019 U			
Endrin aldehyde			0.0019 U			
Endrin ketone			0.0019 U			
Heptachlor			0.0019 UJ			
Heptachlor epoxide			0.0019 U			
Lindane			0.0019 U			
Methoxychlor			0.0036 U			
PCB-1016	0.037 U	0.037 U	0.036 U	0.036 U	0.48 U	0.037 U
PCB-1221	0.037 U	0.037 U	0.036 U	0.036 U	0.48 U	0.037 U
PCB-1232	0.037 U	0.037 U	0.036 U	0.036 U	0.48 U	0.037 U
PCB-1242	0.037 U	0.037 U	0.036 U	0.036 U	0.48 U	0.037 U
PCB-1248	0.037 U	0.037 U	0.036 U	0.036 U	0.48 U	0.037 U
PCB-1254	0.037 U	0.037 U	0.036 U	0.036 U	4.6 =	0.15 =
PCB-1260	0.037 U	0.037 U	0.036 U	0.036 U	0.48 U	0.037 U
Toxaphene			0.074 UJ			
alpha-BHC			0.0019 U			
alpha-Chlordane			0.0019 U			
beta-BHC			0.004 J			
delta-BHC			0.0019 U			
gamma-Chlordane			0.0019 U			

= - detected, J - estimated, U - not detected, R - rejected.

Table I-4. Surface Soil Semivolatile Organic Compounds

Location	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-064**	**LL2-066**	**LL2-071**	**LL2-076**	**LL2-086**	**LL2-086**	**LL2-093**	**LL2-096**
Sample ID	**LL20684**	**LL20690**	**LL20703**	**LL20716**	**LL20740**	**LL21168**	**LL20757**	**LL20766**
Customer ID	**LL2ss-064-0684-SO**	**LL2ss-066-0690-SO**	**LL2ss-071-0703-SO**	**LL2ss-076-0716-SO**	**LL2ss-086-0740-SO**	**LL2ss-086-1168-SO**	**LL2ss-093-0757-SO**	**LL2ss-096-0766-SO**
Date	**07/24/2001**	**07/26/2001**	**07/25/2001**	**07/25/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**
Analyte (mg/kg)								
1,2,4-Trichlorobenzene	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
1,2-Dichlorobenzene	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
1,3-Dichlorobenzene	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
1,4-Dichlorobenzene	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
2,4,5-Trichlorophenol	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
2,4,6-Trichlorophenol	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
2,4-Dichlorophenol	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
2,4-Dimethylphenol	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
2,4-Dinitrophenol	0.97 U	1 U	1 U	0.88 UJ	46 U	45 U	0.92 U	0.99 U
2,4-Dinitrotoluene	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	13 J	0.38 U	0.41 U
2,6-Dinitrotoluene	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
2-Chloronaphthalene	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
2-Chlorophenol	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
2-Methyl-4,6-dinitrophenol	0.97 UJ	1 UJ	1 UJ	0.88 UJ	46 U	45 U	0.92 U	0.99 UJ
2-Methylnaphthalene	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
2-Methylphenol	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
2-Nitrobenzenamine	0.97 U	1 U	1 U	0.88 UJ	46 U	45 U	0.92 U	0.99 U
2-Nitrophenol	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
3,3'-Dichlorobenzidine	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 R
3-Nitrobenzenamine	0.97 U	1 U	1 U	0.88 UJ	46 U	45 U	0.92 U	0.99 U
4-Bromophenyl phenyl ether	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
4-Chloro-3-methylphenol	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
4-Chlorobenzenamine	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
4-Chlorophenyl phenyl ether	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
4-Methylphenol	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.054 J	0.41 U

Table I-4. Surface Soil Semivolatile Organic Compounds

Location	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-064**	**LL2-066**	**LL2-071**	**LL2-076**	**LL2-086**	**LL2-086**	**LL2-093**	**LL2-096**
Sample ID	**LL20684**	**LL20690**	**LL20703**	**LL20716**	**LL20740**	**LL21168**	**LL20757**	**LL20766**
Customer ID	**LL2ss-064-0684-SO**	**LL2ss-066-0690-SO**	**LL2ss-071-0703-SO**	**LL2ss-076-0716-SO**	**LL2ss-086-0740-SO**	**LL2ss-086-1168-SO**	**LL2ss-093-0757-SO**	**LL2ss-096-0766-SO**
Date	**07/24/2001**	**07/26/2001**	**07/25/2001**	**07/25/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**
Analyte (mg/kg)								
4-Nitrobenzenamine	0.97 U	1 U	1 U	0.88 UJ	46 U	45 U	0.92 U	0.99 U
4-Nitrophenol	0.97 U	1 U	1 U	0.88 UJ	46 U	45 U	0.92 U	0.99 U
Acenaphthene	0.4 U	0.42 U	1.1 =	0.36 UJ	19 U	19 U	0.38 U	0.41 U
Acenaphthylene	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
Anthracene	0.4 U	0.42 U	0.69 =	0.36 UJ	19 U	19 U	0.38 U	0.41 U
Benz(a)anthracene	0.11 J	0.42 U	0.72 =	0.36 UJ	19 U	19 U	0.17 J	0.41 U
Benzenemethanol	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
Benzo(a)pyrene	0.13 J	0.42 U	0.41 J	0.36 UJ	19 U	19 U	0.21 J	0.41 U
Benzo(b)fluoranthene	0.21 J	0.078 J	0.61 =	0.36 UJ	19 U	19 U	0.22 J	0.41 U
Benzo(ghi)perylene	0.098 J	0.42 U	0.17 J	0.36 UJ	19 U	19 U	0.1 J	0.41 U
Benzo(k)fluoranthene	0.098 J	0.42 U	0.34 J	0.36 UJ	19 U	19 U	0.14 J	0.41 U
Benzoic acid	1.9 U	2 U	2.1 U	1.8 UJ	92 U	90 U	1.8 U	2 U
Bis(2-chloroethoxy)methane	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
Bis(2-chloroethyl) ether	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
Bis(2-chloroisopropyl) ether	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
Bis(2-ethylhexyl)phthalate	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.17 U	0.41 U
Butyl benzyl phthalate	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
Carbazole	0.4 U	0.42 U	0.37 J	0.36 UJ	19 U	19 U	0.38 U	0.41 U
Chrysene	0.21 J	0.12 J	0.59 =	0.36 UJ	19 U	19 U	0.17 J	0.41 U
Di-n-butyl phthalate	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
Di-n-octylphthalate	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
Dibenz(a,h)anthracene	0.4 U	0.42 U	0.066 J	0.36 UJ	19 U	19 U	0.38 U	0.41 U
Dibenzofuran	0.4 U	0.42 U	0.77 =	0.36 UJ	19 U	19 U	0.38 U	0.41 U
Diethyl phthalate	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U

Table I-4. Surface Soil Semivolatile Organic Compounds

Location	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-064**	**LL2-066**	**LL2-071**	**LL2-076**	**LL2-086**	**LL2-086**	**LL2-093**	**LL2-096**
Sample ID	**LL20684**	**LL20690**	**LL20703**	**LL20716**	**LL20740**	**LL21168**	**LL20757**	**LL20766**
Customer ID	**LL2ss-064-0684-SO**	**LL2ss-066-0690-SO**	**LL2ss-071-0703-SO**	**LL2ss-076-0716-SO**	**LL2ss-086-0740-SO**	**LL2ss-086-1168-SO**	**LL2ss-093-0757-SO**	**LL2ss-096-0766-SO**
Date	**07/24/2001**	**07/26/2001**	**07/25/2001**	**07/25/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**
Analyte (mg/kg)								
Dimethyl phthalate	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
Fluoranthene	0.13 J	0.26 J	4.2 =	0.36 UJ	19 U	19 U	0.22 J	0.41 U
Fluorene	0.4 U	0.42 U	1.4 =	0.36 UJ	19 U	19 U	0.38 U	0.41 U
Hexachlorobenzene	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
Hexachlorobutadiene	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
Hexachlorocyclopentadiene	0.4 U	0.42 U	0.43 U	0.36 R	19 U	19 U	0.38 U	0.41 U
Hexachloroethane	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
Indeno(1,2,3-cd)pyrene	0.087 J	0.42 U	0.17 J	0.36 UJ	19 U	19 U	0.1 J	0.41 U
Isophorone	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
N-Nitroso-di-n-propylamine	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
N-Nitrosodiphenylamine	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
Naphthalene	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
Nitrobenzene	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
Pentachlorophenol	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
Phenanthrene	0.4 U	0.1 J	4.6 =	0.36 UJ	19 U	19 U	0.38 U	0.41 U
Phenol	0.4 U	0.42 U	0.43 U	0.36 UJ	19 U	19 U	0.38 U	0.41 U
Pyrene	0.21 J	0.2 J	3.3 =	0.36 UJ	19 U	19 U	0.22 J	0.41 U

Table I-4. Surface Soil Semivolatile Organic Compounds (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-096**	**LL2-098**	**LL2-098**	**LL2-108**	**LL2-112**	**LL2-115**	**LL2-126**
Sample ID	**LL21169**	**LL20772**	**LL21164**	**LL20802**	**LL20814**	**LL20823**	**LL20850**
Customer ID	**LL2ss-096-1169-SO**	**LL2ss-098-0772-SO**	**LL2ss-098-1164-SO**	**LL2ss-108-0802-SO**	**LL2ss-112-0814-SO**	**LL2ss-115-0823-SO**	**LL2ss-126-0850-SO**
Date	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/27/2001**	**07/27/2001**	**07/25/2001**	**07/26/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Field Duplicate**	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)							
1,2,4-Trichlorobenzene	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
1,2-Dichlorobenzene	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
1,3-Dichlorobenzene	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
1,4-Dichlorobenzene	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
2,4,5-Trichlorophenol	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
2,4,6-Trichlorophenol	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
2,4-Dichlorophenol	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
2,4-Dimethylphenol	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
2,4-Dinitrophenol	0.96 U	0.94 U	0.92 U	0.87 U	0.87 U	0.86 U	0.94 U
2,4-Dinitrotoluene	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
2,6-Dinitrotoluene	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
2-Chloronaphthalene	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
2-Chlorophenol	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
2-Methyl-4,6-dinitrophenol	0.96 UJ	0.94 UJ	0.92 UJ	0.87 U	0.87 U	0.86 UJ	0.94 U
2-Methylnaphthalene	0.39 U	0.17 J	0.3 J	0.36 U	0.36 U	0.35 U	0.39 U
2-Methylphenol	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
2-Nitrobenzenamine	0.96 U	0.94 U	0.92 U	0.87 U	0.87 U	0.86 U	0.94 U
2-Nitrophenol	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
3,3'-Dichlorobenzidine	0.39 R	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
3-Nitrobenzenamine	0.96 U	0.94 U	0.92 U	0.87 U	0.87 U	0.86 U	0.94 U
4-Bromophenyl phenyl ether	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
4-Chloro-3-methylphenol	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
4-Chlorobenzenamine	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
4-Chlorophenyl phenyl ether	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
4-Methylphenol	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U

Table I-4. Surface Soil Semivolatile Organic Compounds (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-096**	**LL2-098**	**LL2-098**	**LL2-108**	**LL2-112**	**LL2-115**	**LL2-126**
Sample ID	**LL21169**	**LL20772**	**LL21164**	**LL20802**	**LL20814**	**LL20823**	**LL20850**
Customer ID	**LL2ss-096-1169-SO**	**LL2ss-098-0772-SO**	**LL2ss-098-1164-SO**	**LL2ss-108-0802-SO**	**LL2ss-112-0814-SO**	**LL2ss-115-0823-SO**	**LL2ss-126-0850-SO**
Date	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/27/2001**	**07/27/2001**	**07/25/2001**	**07/26/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Field Duplicate**	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)							
4-Nitrobenzenamine	0.96 U	0.94 U	0.92 U	0.87 U	0.87 U	0.86 U	0.94 U
4-Nitrophenol	0.96 U	0.94 U	0.92 U	0.87 U	0.87 U	0.86 U	0.94 U
Acenaphthene	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
Acenaphthylene	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
Anthracene	0.39 U	0.39 U	0.38 U	0.074 J	0.36 U	0.35 U	0.078 J
Benz(a)anthracene	0.39 U	0.39 U	0.38 U	0.16 J	0.36 U	0.35 U	0.13 J
Benzenemethanol	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
Benzo(a)pyrene	0.39 U	0.39 U	0.38 U	0.19 J	0.36 U	0.35 U	0.13 J
Benzo(b)fluoranthene	0.39 U	0.39 U	0.38 U	0.28 J	0.36 U	0.068 J	0.16 J
Benzo(ghi)perylene	0.39 U	0.39 U	0.38 U	0.14 J	0.36 U	0.35 U	0.068 J
Benzo(k)fluoranthene	0.39 U	0.39 U	0.38 U	0.14 J	0.36 U	0.35 U	0.39 U
Benzoic acid	1.9 U	1.9 U	1.8 U	1.7 U	1.7 U	1.7 U	1.9 U
Bis(2-chloroethoxy)methane	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
Bis(2-chloroethyl) ether	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
Bis(2-chloroisopropyl) ether	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
Bis(2-ethylhexyl)phthalate	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
Butyl benzyl phthalate	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
Carbazole	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
Chrysene	0.39 U	0.39 U	0.38 U	0.22 J	0.056 J	0.071 J	0.15 J
Di-n-butyl phthalate	0.39 U	0.39 U	0.38 U	0.16 J	0.36 U	0.35 U	0.39 U
Di-n-octylphthalate	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
Dibenz(a,h)anthracene	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
Dibenzofuran	0.39 U	0.39 U	0.058 J	0.36 U	0.36 U	0.35 U	0.39 U
Diethyl phthalate	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U

Table I-4. Surface Soil Semivolatile Organic Compounds (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-096**	**LL2-098**	**LL2-098**	**LL2-108**	**LL2-112**	**LL2-115**	**LL2-126**
Sample ID	**LL21169**	**LL20772**	**LL21164**	**LL20802**	**LL20814**	**LL20823**	**LL20850**
Customer ID	**LL2ss-096-1169-SO**	**LL2ss-098-0772-SO**	**LL2ss-098-1164-SO**	**LL2ss-108-0802-SO**	**LL2ss-112-0814-SO**	**LL2ss-115-0823-SO**	**LL2ss-126-0850-SO**
Date	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/27/2001**	**07/27/2001**	**07/25/2001**	**07/26/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Field Duplicate**	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)							
Dimethyl phthalate	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
Fluoranthene	0.39 U	0.39 U	0.079 J	0.38 =	0.086 J	0.11 J	0.33 J
Fluorene	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
Hexachlorobenzene	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
Hexachlorobutadiene	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
Hexachlorocyclopentadiene	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
Hexachloroethane	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
Indeno(1,2,3-cd)pyrene	0.39 U	0.39 U	0.38 U	0.13 J	0.36 U	0.35 U	0.39 U
Isophorone	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
N-Nitroso-di-n-propylamine	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
N-Nitrosodiphenylamine	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
Naphthalene	0.39 U	0.13 J	0.21 J	0.36 U	0.36 U	0.35 U	0.39 U
Nitrobenzene	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
Pentachlorophenol	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
Phenanthrene	0.39 U	0.078 J	0.14 J	0.24 J	0.36 U	0.058 J	0.28 J
Phenol	0.39 U	0.39 U	0.38 U	0.36 U	0.36 U	0.35 U	0.39 U
Pyrene	0.39 U	0.39 U	0.076 J	0.33 J	0.071 J	0.098 J	0.27 J

Table I-4. Surface Soil Semivolatile Organic Compounds (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	LL2-126	LL2-129	LL2-129	LL2-133	LL2-145	LL2-149	LL2-160	LL2-164
Sample ID	LL21166	LL20859	LL21165	LL20871	LL20899	LL20911	LL20938	LL20950
Customer ID	LL2ss-126-1166-SO	LL2ss-129-0859-SO	LL2ss-129-1165-SO	LL2ss-133-0871-SO	LL2ss-145-0899-SO	LL2ss-149-0911-SO	LL2ss-160-0938-SO	LL2ss-164-0950-SO
Date	07/26/2001	07/27/2001	07/27/2001	07/28/2001	07/27/2001	07/27/2001	07/28/2001	07/28/2001
Depth (ft)	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
Field Type	Field Duplicate	Grab	Field Duplicate	Grab	Grab	Grab	Grab	Grab
Analyte (mg/kg)								
1,2,4-Trichlorobenzene	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
1,2-Dichlorobenzene	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
1,3-Dichlorobenzene	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
1,4-Dichlorobenzene	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
2,4,5-Trichlorophenol	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
2,4,6-Trichlorophenol	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
2,4-Dichlorophenol	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
2,4-Dimethylphenol	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 UJ
2,4-Dinitrophenol	0.93 U	0.94 U	0.94 U	4.7 UJ	0.92 U	0.88 U	0.91 U	0.91 U
2,4-Dinitrotoluene	0.38 U	0.39 U	0.39 U	1.4 J	0.38 U	0.36 U	0.37 U	0.38 U
2,6-Dinitrotoluene	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
2-Chloronaphthalene	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
2-Chlorophenol	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
2-Methyl-4,6-dinitrophenol	0.93 U	0.94 U	0.94 U	4.7 UJ	0.92 U	0.88 U	0.91 U	0.91 U
2-Methylnaphthalene	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
2-Methylphenol	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
2-Nitrobenzenamine	0.93 U	0.94 U	0.94 U	4.7 UJ	0.92 U	0.88 U	0.91 U	0.91 U
2-Nitrophenol	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
3,3'-Dichlorobenzidine	0.38 R	0.39 U	0.39 U	1.9 U	0.38 U	0.36 U	0.37 U	0.38 U
3-Nitrobenzenamine	0.93 U	0.94 U	0.94 U	4.7 UJ	0.92 U	0.88 U	0.91 U	0.91 U
4-Bromophenyl phenyl ether	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
4-Chloro-3-methylphenol	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
4-Chlorobenzenamine	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
4-Chlorophenyl phenyl ether	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
4-Methylphenol	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U

Table I-4. Surface Soil Semivolatile Organic Compounds (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL2-126**	**LL2-129**	**LL2-129**	**LL2-133**	**LL2-145**	**LL2-149**	**LL2-160**	**LL2-164**
Sample ID	**LL21166**	**LL20859**	**LL21165**	**LL20871**	**LL20899**	**LL20911**	**LL20938**	**LL20950**
Customer ID	**LL2ss-126-1166-SO**	**LL2ss-129-0859-SO**	**LL2ss-129-1165-SO**	**LL2ss-133-0871-SO**	**LL2ss-145-0899-SO**	**LL2ss-149-0911-SO**	**LL2ss-160-0938-SO**	**LL2ss-164-0950-SO**
Date	**07/26/2001**	**07/27/2001**	**07/27/2001**	**07/28/2001**	**07/27/2001**	**07/27/2001**	**07/28/2001**	**07/28/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Field Duplicate**	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
4-Nitrobenzenamine	0.93 U	0.94 U	0.94 U	4.7 UJ	0.92 U	0.88 U	0.91 U	0.91 U
4-Nitrophenol	0.93 U	0.94 U	0.94 U	4.7 UJ	0.92 U	0.88 U	0.91 U	0.91 U
Acenaphthene	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Acenaphthylene	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Anthracene	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Benz(a)anthracene	0.38 U	0.39 U	0.39 U	0.39 J	0.38 U	0.36 U	0.37 U	0.38 U
Benzenemethanol	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Benzo(a)pyrene	0.38 U	0.39 U	0.39 U	0.5 J	0.38 U	0.36 U	0.37 U	0.077 J
Benzo(b)fluoranthene	0.38 U	0.39 U	0.39 U	0.66 J	0.38 U	0.36 U	0.37 U	0.077 J
Benzo(ghi)perylene	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.069 J
Benzo(k)fluoranthene	0.38 U	0.39 U	0.39 U	0.33 J	0.38 U	0.36 U	0.37 U	0.38 U
Benzoic acid	1.9 U	1.9 U	1.9 U	9.3 UJ	1.8 U	1.8 U	1.8 U	1.8 U
Bis(2-chloroethoxy)methane	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Bis(2-chloroethyl) ether	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Bis(2-chloroisopropyl) ether	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Bis(2-ethylhexyl)phthalate	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Butyl benzyl phthalate	0.38 U	0.39 U	0.39 U	1.9 U	0.38 U	0.36 U	0.37 U	0.38 U
Carbazole	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Chrysene	0.06 J	0.39 U	0.39 U	0.57 J	0.38 U	0.36 U	0.37 U	0.065 J
Di-n-butyl phthalate	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Di-n-octylphthalate	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Dibenz(a,h)anthracene	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Dibenzofuran	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Diethyl phthalate	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U

Table I-4. Surface Soil Semivolatile Organic Compounds (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	LL2-126	LL2-129	LL2-129	LL2-133	LL2-145	LL2-149	LL2-160	LL2-164
Sample ID	LL21166	LL20859	LL21165	LL20871	LL20899	LL20911	LL20938	LL20950
Customer ID	LL2ss-126-1166-SO	LL2ss-129-0859-SO	LL2ss-129-1165-SO	LL2ss-133-0871-SO	LL2ss-145-0899-SO	LL2ss-149-0911-SO	LL2ss-160-0938-SO	LL2ss-164-0950-SO
Date	07/26/2001	07/27/2001	07/27/2001	07/28/2001	07/27/2001	07/27/2001	07/28/2001	07/28/2001
Depth (ft)	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
Field Type	Field Duplicate	Grab	Field Duplicate	Grab	Grab	Grab	Grab	Grab
Analyte (mg/kg)								
Dimethyl phthalate	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Fluoranthene	0.14 J	0.39 U	0.39 U	0.74 J	0.38 U	0.36 U	0.37 U	0.13 J
Fluorene	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Hexachlorobenzene	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Hexachlorobutadiene	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Hexachlorocyclopentadiene	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Hexachloroethane	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Indeno(1,2,3-cd)pyrene	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Isophorone	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
N-Nitroso-di-n-propylamine	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
N-Nitrosodiphenylamine	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Naphthalene	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Nitrobenzene	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Pentachlorophenol	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Phenanthrene	0.099 J	0.39 U	0.39 U	0.39 J	0.38 U	0.36 U	0.37 U	0.088 J
Phenol	0.38 U	0.39 U	0.39 U	1.9 UJ	0.38 U	0.36 U	0.37 U	0.38 U
Pyrene	0.11 J	0.39 U	0.39 U	0.83 J	0.38 U	0.36 U	0.37 U	0.11 J

Table I-4. Surface Soil Semivolatile Organic Compounds (continued)

Location	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL2-164**	**LL2-165**	**LL2-166**	**LL2-167**	**LL2-169**	**LL2-170**	**LL2-171**
Sample ID	**LL21167**	**LL20953**	**LL20956**	**LL20959**	**LL20963**	**LL20966**	**LL20969**
Customer ID	**LL2ss-164-1167-SO**	**LL2ss-165-0953-SO**	**LL2ss-166-0956-SO**	**LL2ss-167-0959-SO**	**LL2ss-169-0963-SO**	**LL2ss-170-0966-SO**	**LL2ss-171-0969-SO**
Date	**07/28/2001**	**07/28/2001**	**07/27/2001**	**07/27/2001**	**07/24/2001**	**07/24/2001**	**07/24/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)							
1,2,4-Trichlorobenzene	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
1,2-Dichlorobenzene	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
1,3-Dichlorobenzene	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
1,4-Dichlorobenzene	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
2,4,5-Trichlorophenol	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
2,4,6-Trichlorophenol	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
2,4-Dichlorophenol	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
2,4-Dimethylphenol	0.38 UJ	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
2,4-Dinitrophenol	0.92 U	0.9 U	1.2 U	0.89 U	0.89 U	16 U	0.89 U
2,4-Dinitrotoluene	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
2,6-Dinitrotoluene	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
2-Chloronaphthalene	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
2-Chlorophenol	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
2-Methyl-4,6-dinitrophenol	0.92 U	0.9 U	1.2 U	0.89 U	0.89 UJ	16 UJ	0.89 UJ
2-Methylnaphthalene	0.38 U	0.14 J	0.18 J	0.37 U	0.2 J	4.5 J	0.21 J
2-Methylphenol	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
2-Nitrobenzenamine	0.92 U	0.9 U	1.2 U	0.89 U	0.89 U	16 U	0.89 U
2-Nitrophenol	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
3,3'-Dichlorobenzidine	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
3-Nitrobenzenamine	0.92 U	0.9 U	1.2 U	0.89 U	0.89 U	16 U	0.89 U
4-Bromophenyl phenyl ether	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
4-Chloro-3-methylphenol	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
4-Chlorobenzenamine	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
4-Chlorophenyl phenyl ether	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
4-Methylphenol	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U

Table I-4. Surface Soil Semivolatile Organic Compounds (continued)

Location	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL2-164**	**LL2-165**	**LL2-166**	**LL2-167**	**LL2-169**	**LL2-170**	**LL2-171**
Sample ID	**LL21167**	**LL20953**	**LL20956**	**LL20959**	**LL20963**	**LL20966**	**LL20969**
Customer ID	**LL2ss-164-1167-SO**	**LL2ss-165-0953-SO**	**LL2ss-166-0956-SO**	**LL2ss-167-0959-SO**	**LL2ss-169-0963-SO**	**LL2ss-170-0966-SO**	**LL2ss-171-0969-SO**
Date	**07/28/2001**	**07/28/2001**	**07/27/2001**	**07/27/2001**	**07/24/2001**	**07/24/2001**	**07/24/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)							
4-Nitrobenzenamine	0.92 U	0.9 U	1.2 U	0.89 U	0.89 U	16 U	0.89 U
4-Nitrophenol	0.92 U	0.9 U	1.2 U	0.89 U	0.89 U	16 U	0.89 U
Acenaphthene	0.38 U	0.1 J	0.13 J	0.37 U	0.28 J	6.8 U	0.37 U
Acenaphthylene	0.38 U	0.14 J	0.17 J	0.37 U	0.18 J	6.8 U	0.37 U
Anthracene	0.38 U	0.44 =	0.26 J	0.37 U	0.73 =	6.8 U	0.08 J
Benz(a)anthracene	0.09 J	1.6 =	1.5 =	0.19 J	1.7 =	1.1 J	0.44 =
Benzenemethanol	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
Benzo(a)pyrene	0.1 J	1.9 =	1.9 =	0.21 J	1.8 =	1.5 J	0.56 =
Benzo(b)fluoranthene	0.13 J	2.4 =	2.5 =	0.37 =	2 =	1.3 J	0.61 =
Benzo(ghi)perylene	0.066 J	0.74 =	0.93 =	0.11 J	0.91 =	4.6 J	0.37 =
Benzo(k)fluoranthene	0.38 U	1.3 =	1.5 =	0.2 J	1.1 =	6.8 U	0.29 J
Benzoic acid	1.8 U	0.33 J	0.49 J	0.5 J	1.8 U	33 U	1.8 U
Bis(2-chloroethoxy)methane	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
Bis(2-chloroethyl) ether	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
Bis(2-chloroisopropyl) ether	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
Bis(2-ethylhexyl)phthalate	0.6 =	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
Butyl benzyl phthalate	0.38 U	0.065 J	0.13 J	0.37 U	0.37 U	6.8 U	0.37 U
Carbazole	0.38 U	0.19 J	0.27 J	0.37 U	0.48 =	6.8 U	0.062 J
Chrysene	0.11 J	1.7 =	2.4 =	0.32 J	1.8 =	1.6 J	0.61 =
Di-n-butyl phthalate	0.38 U	0.19 J	0.22 J	0.27 J	0.37 U	6.8 U	0.37 U
Di-n-octylphthalate	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
Dibenz(a,h)anthracene	0.38 U	0.22 J	0.27 J	0.37 U	0.28 J	6.8 U	0.11 J
Dibenzofuran	0.38 U	0.13 J	0.15 J	0.37 U	0.42 =	6.8 U	0.058 J
Diethyl phthalate	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U

Table I-4. Surface Soil Semivolatile Organic Compounds (continued)

Location	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL2-164**	**LL2-165**	**LL2-166**	**LL2-167**	**LL2-169**	**LL2-170**	**LL2-171**
Sample ID	**LL21167**	**LL20953**	**LL20956**	**LL20959**	**LL20963**	**LL20966**	**LL20969**
Customer ID	**LL2ss-164-1167-SO**	**LL2ss-165-0953-SO**	**LL2ss-166-0956-SO**	**LL2ss-167-0959-SO**	**LL2ss-169-0963-SO**	**LL2ss-170-0966-SO**	**LL2ss-171-0969-SO**
Date	**07/28/2001**	**07/28/2001**	**07/27/2001**	**07/27/2001**	**07/24/2001**	**07/24/2001**	**07/24/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)							
Dimethyl phthalate	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
Fluoranthene	0.24 J	3.6 =	4.1 =	0.37 =	4.1 =	1.6 J	1.1 =
Fluorene	0.38 U	0.21 J	0.22 J	0.37 U	0.66 =	6.8 U	0.37 U
Hexachlorobenzene	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
Hexachlorobutadiene	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
Hexachlorocyclopentadiene	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
Hexachloroethane	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
Indeno(1,2,3-cd)pyrene	0.38 U	0.76 =	0.89 =	0.1 J	0.95 =	6.8 U	0.35 J
Isophorone	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
N-Nitroso-di-n-propylamine	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
N-Nitrosodiphenylamine	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
Naphthalene	0.38 U	0.13 J	0.19 J	0.065 J	0.35 J	2.6 J	0.16 J
Nitrobenzene	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
Pentachlorophenol	0.38 U	0.37 U	0.48 U	0.35 J	0.37 U	6.8 U	0.37 U
Phenanthrene	0.16 J	1.9 =	2.3 =	0.15 J	3.8 =	3 J	0.64 =
Phenol	0.38 U	0.37 U	0.48 U	0.37 U	0.37 U	6.8 U	0.37 U
Pyrene	0.2 J	3.2 =	4.2 =	0.34 J	3.4 =	5.3 J	1.1 =

Table I-4. Surface Soil Semivolatile Organic Compounds (continued)

Location	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Packaging and Shipping Areas Aggregate	Preparation and Receiving Areas Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL2-172**	**LL2-175**	**LL2-179**	**LL2-180**	**LL2-200**	**LL2-204**	**LL2-243**
Sample ID	**LL20972**	**LL20977**	**LL20989**	**LL20992**	**LL21040**	**LL21044**	**LL20834**
Customer ID	**LL2ss-172-0972-SO**	**LL2ss-175-0977-SO**	**LL2ss-179-0989-SO**	**LL2ss-180-0992-SO**	**LL2ss-200-1040-SO**	**LL2ss-204-1044-SO**	**LL2ss-243-0834-SO**
Date	**07/24/2001**	**07/27/2001**	**07/25/2001**	**07/25/2001**	**07/31/2001**	**07/31/2001**	**08/13/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)							
1,2,4-Trichlorobenzene	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
1,2-Dichlorobenzene	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
1,3-Dichlorobenzene	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
1,4-Dichlorobenzene	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
2,4,5-Trichlorophenol	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
2,4,6-Trichlorophenol	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
2,4-Dichlorophenol	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
2,4-Dimethylphenol	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 UJ	0.48 UJ
2,4-Dinitrophenol	0.88 U	0.93 U	0.96 U	0.9 U	0.92 U	0.88 U	1.2 UJ
2,4-Dinitrotoluene	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
2,6-Dinitrotoluene	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
2-Chloronaphthalene	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
2-Chlorophenol	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
2-Methyl-4,6-dinitrophenol	0.88 UJ	0.93 U	0.96 UJ	0.9 UJ	0.92 U	0.88 U	1.2 UJ
2-Methylnaphthalene	0.36 U	0.4 =	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
2-Methylphenol	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
2-Nitrobenzenamine	0.88 U	0.93 U	0.96 U	0.9 U	0.92 U	0.88 U	1.2 UJ
2-Nitrophenol	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
3,3'-Dichlorobenzidine	0.36 U	0.38 U	0.4 U	0.37 U	0.38 R	0.36 R	0.48 UJ
3-Nitrobenzenamine	0.88 U	0.93 U	0.96 U	0.9 U	0.92 R	0.88 R	1.2 UJ
4-Bromophenyl phenyl ether	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
4-Chloro-3-methylphenol	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
4-Chlorobenzenamine	0.36 U	0.38 U	0.4 U	0.37 U	0.38 R	0.36 R	0.48 UJ
4-Chlorophenyl phenyl ether	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
4-Methylphenol	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ

Table I-4. Surface Soil Semivolatile Organic Compounds (continued)

Location	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Packaging and Shipping Areas Aggregate	Preparation and Receiving Areas Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL2-172**	**LL2-175**	**LL2-179**	**LL2-180**	**LL2-200**	**LL2-204**	**LL2-243**
Sample ID	**LL20972**	**LL20977**	**LL20989**	**LL20992**	**LL21040**	**LL21044**	**LL20834**
Customer ID	**LL2ss-172-0972-SO**	**LL2ss-175-0977-SO**	**LL2ss-179-0989-SO**	**LL2ss-180-0992-SO**	**LL2ss-200-1040-SO**	**LL2ss-204-1044-SO**	**LL2ss-243-0834-SO**
Date	**07/24/2001**	**07/27/2001**	**07/25/2001**	**07/25/2001**	**07/31/2001**	**07/31/2001**	**08/13/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)							
4-Nitrobenzenamine	0.88 U	0.93 U	0.96 U	0.9 U	0.92 U	0.88 U	1.2 UJ
4-Nitrophenol	0.88 U	0.93 U	0.96 U	0.9 U	0.92 U	0.88 U	1.2 UJ
Acenaphthene	0.36 U	1.7 =	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Acenaphthylene	0.36 U	0.093 J	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Anthracene	0.36 U	5.6 =	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Benz(a)anthracene	0.22 J	10 =	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Benzenemethanol	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Benzo(a)pyrene	0.3 J	9.9 =	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Benzo(b)fluoranthene	0.35 J	11 =	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Benzo(ghi)perylene	0.2 J	3.7 =	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Benzo(k)fluoranthene	0.2 J	6.7 =	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Benzoic acid	1.8 U	1.9 U	0.24 J	1.8 U	1.8 UJ	0.15 J	2.3 UJ
Bis(2-chloroethoxy)methane	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Bis(2-chloroethyl) ether	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Bis(2-chloroisopropyl) ether	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Bis(2-ethylhexyl)phthalate	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Butyl benzyl phthalate	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Carbazole	0.36 U	1.3 =	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Chrysene	0.3 J	11 =	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Di-n-butyl phthalate	0.36 U	0.24 J	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Di-n-octylphthalate	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Dibenz(a,h)anthracene	0.36 U	1.3 =	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Dibenzofuran	0.36 U	1 =	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Diethyl phthalate	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ

Table I-4. Surface Soil Semivolatile Organic Compounds (continued)

Location	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Packaging and Shipping Areas Aggregate	Preparation and Receiving Areas Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL2-172**	**LL2-175**	**LL2-179**	**LL2-180**	**LL2-200**	**LL2-204**	**LL2-243**
Sample ID	**LL20972**	**LL20977**	**LL20989**	**LL20992**	**LL21040**	**LL21044**	**LL20834**
Customer ID	**LL2ss-172-0972-SO**	**LL2ss-175-0977-SO**	**LL2ss-179-0989-SO**	**LL2ss-180-0992-SO**	**LL2ss-200-1040-SO**	**LL2ss-204-1044-SO**	**LL2ss-243-0834-SO**
Date	**07/24/2001**	**07/27/2001**	**07/25/2001**	**07/25/2001**	**07/31/2001**	**07/31/2001**	**08/13/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)							
Dimethyl phthalate	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Fluoranthene	0.58 =	24 =	0.4 U	0.37 U	0.38 U	0.068 J	0.086 J
Fluorene	0.36 U	2.2 =	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Hexachlorobenzene	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Hexachlorobutadiene	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Hexachlorocyclopentadiene	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Hexachloroethane	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Indeno(1,2,3-cd)pyrene	0.19 J	5.1 =	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Isophorone	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
N-Nitroso-di-n-propylamine	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
N-Nitrosodiphenylamine	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Naphthalene	0.36 U	0.41 =	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Nitrobenzene	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Pentachlorophenol	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Phenanthrene	0.29 J	18 =	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Phenol	0.36 U	0.38 U	0.4 U	0.37 U	0.38 U	0.36 U	0.48 UJ
Pyrene	0.46 =	23 =	0.4 U	0.37 U	0.38 U	0.36 U	0.11 J

= - detected, J - estimated, U - not detected, R - rejected.

Table I-5. Surface Soil Volatile Organic Compounds

Location	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-064**	**LL2-066**	**LL2-071**	**LL2-076**	**LL2-086**
Sample ID	**LL20684**	**LL20690**	**LL20703**	**LL20716**	**LL20740**
Customer ID	**LL2ss-064-0684-SO**	**LL2ss-066-0690-SO**	**LL2ss-071-0703-SO**	**LL2ss-076-0716-SO**	**LL2ss-086-0740-SO**
Date	**07/24/2001**	**07/26/2001**	**07/25/2001**	**07/25/2001**	**07/26/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
1,1,1-Trichloroethane	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
1,1,2,2-Tetrachloroethane	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
1,1,2-Trichloroethane	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
1,1-Dichloroethane	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
1,1-Dichloroethene	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
1,2-Dibromoethane	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
1,2-Dichloroethane	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
1,2-Dichloroethene	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
1,2-Dichloropropane	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
2-Butanone	0.024 U	0.025 U	0.026 U	0.022 U	0.023 U
2-Hexanone	0.024 U	0.025 U	0.026 U	0.022 U	0.023 U
4-Methyl-2-pentanone	0.024 U	0.025 U	0.026 U	0.022 U	0.023 U
Acetone	0.024 U	0.025 UJ	0.026 U	0.022 U	0.023 U
Benzene	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
Bromochloromethane	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
Bromodichloromethane	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
Bromoform	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
Bromomethane	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
Carbon disulfide	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
Carbon tetrachloride	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
Chlorobenzene	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
Chloroethane	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
Chloroform	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
Chloromethane	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
Dibromochloromethane	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
Dimethylbenzene	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
Ethylbenzene	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
Methylene chloride	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
Styrene	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
Tetrachloroethene	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
Toluene	0.006 U	0.0063 U	0.0065 U	0.0037 J	0.0084 =
Trichloroethene	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
Vinyl chloride	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
cis-1,3-Dichloropropene	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U
trans-1,3-Dichloropropene	0.006 U	0.0063 U	0.0065 U	0.0055 U	0.0058 U

Table I-5. Surface Soil Volatile Organic Compounds (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-086**	**LL2-093**	**LL2-096**	**LL2-096**	**LL2-098**
Sample ID	**LL21168**	**LL20757**	**LL20766**	**LL21169**	**LL20772**
Customer ID	**LL2ss-086-1168-SO**	**LL2ss-093-0757-SO**	**LL2ss-096-0766-SO**	**LL2ss-096-1169-SO**	**LL2ss-098-0772-SO**
Date	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**	**07/26/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Field Duplicate**	**Grab**	**Grab**	**Field Duplicate**	**Grab**
Analyte (mg/kg)					
1,1,1-Trichloroethane	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
1,1,2,2-Tetrachloroethane	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
1,1,2-Trichloroethane	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
1,1-Dichloroethane	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
1,1-Dichloroethene	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
1,2-Dibromoethane	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
1,2-Dichloroethane	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
1,2-Dichloroethene	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
1,2-Dichloropropane	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
2-Butanone	0.023 U	0.023 U	0.025 U	0.024 U	0.024 U
2-Hexanone	0.023 U	0.023 U	0.025 U	0.024 U	0.024 U
4-Methyl-2-pentanone	0.023 U	0.023 U	0.025 U	0.024 U	0.024 U
Acetone	0.023 U	0.023 U	0.025 U	0.024 U	0.024 U
Benzene	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
Bromochloromethane	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
Bromodichloromethane	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
Bromoform	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
Bromomethane	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
Carbon disulfide	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
Carbon tetrachloride	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
Chlorobenzene	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
Chloroethane	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
Chloroform	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
Chloromethane	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
Dibromochloromethane	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
Dimethylbenzene	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
Ethylbenzene	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
Methylene chloride	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
Styrene	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
Tetrachloroethene	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
Toluene	0.0023 J	0.0057 U	0.0062 U	0.006 U	0.0059 U
Trichloroethene	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
Vinyl chloride	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
cis-1,3-Dichloropropene	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U
trans-1,3-Dichloropropene	0.0056 U	0.0057 U	0.0062 U	0.006 U	0.0059 U

Table I-5. Surface Soil Volatile Organic Compounds (continued)

Location	Explosives Handling Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-098**	**LL2-103**	**LL2-108**	**LL2-112**	**LL2-115**
Sample ID	**LL21164**	**LL20787**	**LL20802**	**LL20814**	**LL20823**
Customer ID	**LL2ss-098-1164-SO**	**LL2ss-103-0787-SO**	**LL2ss-108-0802-SO**	**LL2ss-112-0814-SO**	**LL2ss-115-0823-SO**
Date	**07/26/2001**	**07/25/2001**	**07/27/2001**	**07/27/2001**	**07/25/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
1,1,1-Trichloroethane	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
1,1,2,2-Tetrachloroethane	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
1,1,2-Trichloroethane	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
1,1-Dichloroethane	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
1,1-Dichloroethene	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
1,2-Dibromoethane	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
1,2-Dichloroethane	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
1,2-Dichloroethene	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
1,2-Dichloropropane	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
2-Butanone	0.023 U	0.021 U	0.022 U	0.022 U	0.021 U
2-Hexanone	0.023 U	0.021 U	0.022 U	0.022 U	0.021 U
4-Methyl-2-pentanone	0.023 U	0.021 U	0.022 U	0.022 U	0.021 U
Acetone	0.023 U	0.021 U	0.022 U	0.022 U	0.021 UJ
Benzene	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
Bromochloromethane	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
Bromodichloromethane	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
Bromoform	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
Bromomethane	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
Carbon disulfide	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
Carbon tetrachloride	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
Chlorobenzene	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
Chloroethane	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
Chloroform	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
Chloromethane	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
Dibromochloromethane	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
Dimethylbenzene	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
Ethylbenzene	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
Methylene chloride	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
Styrene	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
Tetrachloroethene	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
Toluene	0.0058 U	0.0052 U	0.0016 J	0.0054 U	0.0054 U
Trichloroethene	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
Vinyl chloride	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
cis-1,3-Dichloropropene	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U
trans-1,3-Dichloropropene	0.0058 U	0.0052 U	0.0054 U	0.0054 U	0.0054 U

Table I-5. Surface Soil Volatile Organic Compounds (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-119**	**LL2-126**	**LL2-126**	**LL2-129**	**LL2-129**
Sample ID	**LL20835**	**LL20850**	**LL21166**	**LL20859**	**LL21165**
Customer ID	**LL2ss-119-0835-SO**	**LL2ss-126-0850-SO**	**LL2ss-126-1166-SO**	**LL2ss-129-0859-SO**	**LL2ss-129-1165-SO**
Date	**07/25/2001**	**07/26/2001**	**07/26/2001**	**07/27/2001**	**07/27/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Field Duplicate**
Analyte (mg/kg)					
1,1,1-Trichloroethane	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
1,1,2,2-Tetrachloroethane	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
1,1,2-Trichloroethane	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
1,1-Dichloroethane	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
1,1-Dichloroethene	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
1,2-Dibromoethane	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
1,2-Dichloroethane	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
1,2-Dichloroethene	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
1,2-Dichloropropane	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
2-Butanone	0.021 U	0.024 U	0.023 U	0.023 U	0.023 U
2-Hexanone	0.021 U	0.024 U	0.023 U	0.023 U	0.023 U
4-Methyl-2-pentanone	0.021 U	0.024 U	0.023 U	0.023 U	0.023 U
Acetone	0.021 UJ	0.024 U	0.023 U	0.023 U	0.023 U
Benzene	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
Bromochloromethane	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
Bromodichloromethane	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
Bromoform	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
Bromomethane	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
Carbon disulfide	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
Carbon tetrachloride	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
Chlorobenzene	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
Chloroethane	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
Chloroform	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
Chloromethane	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
Dibromochloromethane	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
Dimethylbenzene	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
Ethylbenzene	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
Methylene chloride	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
Styrene	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
Tetrachloroethene	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
Toluene	0.0052 U	0.0059 U	0.0011 J	0.016 =	0.0064 =
Trichloroethene	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
Vinyl chloride	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
cis-1,3-Dichloropropene	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U
trans-1,3-Dichloropropene	0.0052 U	0.0059 U	0.0058 U	0.0059 U	0.0059 U

Table I-5. Surface Soil Volatile Organic Compounds (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-145**	**LL2-149**	**LL2-154**	**LL2-160**	**LL2-162**
Sample ID	**LL20899**	**LL20911**	**LL20920**	**LL20938**	**LL20944**
Customer ID	**LL2ss-145-0899-SO**	**LL2ss-149-0911-SO**	**LL2ss-154-0920-SO**	**LL2ss-160-0938-SO**	**LL2ss-162-0944-SO**
Date	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/28/2001**	**07/28/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
1,1,1-Trichloroethane	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
1,1,2,2-Tetrachloroethane	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
1,1,2-Trichloroethane	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
1,1-Dichloroethane	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
1,1-Dichloroethene	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
1,2-Dibromoethane	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
1,2-Dichloroethane	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
1,2-Dichloroethene	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
1,2-Dichloropropane	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
2-Butanone	0.023 U	0.022 U	0.023 U	0.023 U	0.022 U
2-Hexanone	0.023 U	0.022 U	0.023 U	0.023 U	0.022 U
4-Methyl-2-pentanone	0.023 U	0.022 U	0.023 U	0.023 U	0.022 U
Acetone	0.023 U	0.022 U	0.023 U	0.023 U	0.022 U
Benzene	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
Bromochloromethane	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
Bromodichloromethane	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
Bromoform	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
Bromomethane	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
Carbon disulfide	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
Carbon tetrachloride	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
Chlorobenzene	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
Chloroethane	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
Chloroform	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
Chloromethane	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
Dibromochloromethane	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
Dimethylbenzene	0.0057 U	0.0055 U	0.0058 U	0.0057 UJ	0.0055 UJ
Ethylbenzene	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
Methylene chloride	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
Styrene	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
Tetrachloroethene	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
Toluene	0.0057 U	0.0056 =	0.067 =	0.0087 =	0.0066 =
Trichloroethene	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
Vinyl chloride	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
cis-1,3-Dichloropropene	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U
trans-1,3-Dichloropropene	0.0057 U	0.0055 U	0.0058 U	0.0057 U	0.0055 U

Table I-5. Surface Soil Volatile Organic Compounds (continued)

Location	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL2-164**	**LL2-164**	**LL2-165**	**LL2-166**	**LL2-167**
Sample ID	**LL20950**	**LL21167**	**LL20953**	**LL20956**	**LL20959**
Customer ID	**LL2ss-164-0950-SO**	**LL2ss-164-1167-SO**	**LL2ss-165-0953-SO**	**LL2ss-166-0956-SO**	**LL2ss-167-0959-SO**
Date	**07/28/2001**	**07/28/2001**	**07/28/2001**	**07/27/2001**	**07/27/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	Grab	Field Duplicate	Grab	Grab	Grab
Analyte (mg/kg)					
1,1,1-Trichloroethane	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
1,1,2,2-Tetrachloroethane	0.0057 U	0.0057 U	0.0056 U	0.0072 UJ	0.0056 U
1,1,2-Trichloroethane	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
1,1-Dichloroethane	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
1,1-Dichloroethene	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
1,2-Dibromoethane	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
1,2-Dichloroethane	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
1,2-Dichloroethene	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
1,2-Dichloropropane	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
2-Butanone	0.023 U	0.023 U	0.023 U	0.029 U	0.022 U
2-Hexanone	0.023 U	0.023 U	0.023 U	0.029 U	0.022 U
4-Methyl-2-pentanone	0.023 U	0.023 U	0.023 U	0.029 U	0.022 U
Acetone	0.023 U	0.023 U	0.023 U	0.029 U	0.022 U
Benzene	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
Bromochloromethane	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
Bromodichloromethane	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
Bromoform	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
Bromomethane	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
Carbon disulfide	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
Carbon tetrachloride	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
Chlorobenzene	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
Chloroethane	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
Chloroform	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
Chloromethane	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
Dibromochloromethane	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
Dimethylbenzene	0.0057 UJ	0.0057 UJ	0.0056 UJ	0.0072 U	0.0056 U
Ethylbenzene	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
Methylene chloride	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
Styrene	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
Tetrachloroethene	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
Toluene	0.0018 J	0.0034 J	0.00074 J	0.055 =	0.056 =
Trichloroethene	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
Vinyl chloride	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
cis-1,3-Dichloropropene	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U
trans-1,3-Dichloropropene	0.0057 U	0.0057 U	0.0056 U	0.0072 U	0.0056 U

Table I-5. Surface Soil Volatile Organic Compounds (continued)

Location	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Packaging and Shipping Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL2-169**	**LL2-170**	**LL2-175**	**LL2-179**	**LL2-180**
Sample ID	**LL20963**	**LL20966**	**LL20977**	**LL20989**	**LL20992**
Customer ID	**LL2ss-169-0963-SO**	**LL2ss-170-0966-SO**	**LL2ss-175-0977-SO**	**LL2ss-179-0989-SO**	**LL2ss-180-0992-SO**
Date	**07/24/2001**	**07/24/2001**	**07/27/2001**	**07/25/2001**	**07/25/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
1,1,1-Trichloroethane	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
1,1,2,2-Tetrachloroethane	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
1,1,2-Trichloroethane	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
1,1-Dichloroethane	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
1,1-Dichloroethene	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
1,2-Dibromoethane	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
1,2-Dichloroethane	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
1,2-Dichloroethene	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
1,2-Dichloropropane	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
2-Butanone	0.022 U	0.021 U	0.023 U	0.024 U	0.023 U
2-Hexanone	0.022 U	0.021 U	0.023 U	0.024 U	0.023 U
4-Methyl-2-pentanone	0.022 U	0.021 U	0.023 U	0.024 U	0.023 U
Acetone	0.022 U	0.021 U	0.023 U	0.024 U	0.023 U
Benzene	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
Bromochloromethane	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
Bromodichloromethane	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
Bromoform	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
Bromomethane	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
Carbon disulfide	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
Carbon tetrachloride	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
Chlorobenzene	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
Chloroethane	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
Chloroform	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
Chloromethane	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
Dibromochloromethane	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
Dimethylbenzene	0.0056 U	0.0051 U	0.0058 UJ	0.006 U	0.0056 U
Ethylbenzene	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
Methylene chloride	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
Styrene	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
Tetrachloroethene	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
Toluene	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
Trichloroethene	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
Vinyl chloride	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
cis-1,3-Dichloropropene	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U
trans-1,3-Dichloropropene	0.0056 U	0.0051 U	0.0058 U	0.006 U	0.0056 U

Table I-5. Surface Soil Volatile Organic Compounds (continued)

Location	Perimeter Area Aggregate	Perimeter Area Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL2-200**	**LL2-204**	**LL2-243**
Sample ID	**LL21040**	**LL21044**	**LL20834**
Customer ID	**LL2ss-200-1040-SO**	**LL2ss-204-1044-SO**	**LL2ss-243-0834-SO**
Date	**07/31/2001**	**07/31/2001**	**08/13/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)			
1,1,1-Trichloroethane	0.0058 U	0.0055 U	0.014 U
1,1,2,2-Tetrachloroethane	0.0058 U	0.0055 U	0.014 U
1,1,2-Trichloroethane	0.0058 U	0.0055 U	0.014 U
1,1-Dichloroethane	0.0058 U	0.0055 U	0.014 U
1,1-Dichloroethene	0.0058 U	0.0055 U	0.014 U
1,2-Dibromoethane	0.0058 U	0.0055 U	0.014 U
1,2-Dichloroethane	0.0058 U	0.0055 U	0.014 U
1,2-Dichloroethene	0.0058 U	0.0055 U	0.014 U
1,2-Dichloropropane	0.0058 U	0.0055 U	0.014 U
2-Butanone	0.023 U	0.022 U	0.012 J
2-Hexanone	0.023 U	0.022 U	0.058 U
4-Methyl-2-pentanone	0.023 U	0.022 U	0.058 U
Acetone	0.023 UJ	0.022 UJ	0.038 J
Benzene	0.0058 U	0.0055 U	0.014 U
Bromochloromethane	0.0058 U	0.0055 U	0.014 U
Bromodichloromethane	0.0058 U	0.0055 U	0.014 U
Bromoform	0.0058 U	0.0055 U	0.014 U
Bromomethane	0.0058 U	0.0055 U	0.014 U
Carbon disulfide	0.0058 U	0.0055 U	0.0047 J
Carbon tetrachloride	0.0058 U	0.0055 U	0.014 U
Chlorobenzene	0.0058 U	0.0055 U	0.014 U
Chloroethane	0.0058 U	0.0055 U	0.014 U
Chloroform	0.0058 U	0.0055 U	0.014 U
Chloromethane	0.0058 U	0.0055 U	0.014 U
Dibromochloromethane	0.0058 U	0.0055 U	0.014 U
Dimethylbenzene	0.0058 U	0.0055 U	0.014 U
Ethylbenzene	0.0058 U	0.0055 U	0.014 U
Methylene chloride	0.0058 U	0.0055 U	0.014 U
Styrene	0.0058 U	0.0055 U	0.014 U
Tetrachloroethene	0.0058 U	0.0055 U	0.014 U
Toluene	0.0058 U	0.0055 U	0.014 U
Trichloroethene	0.0058 U	0.0055 U	0.014 U
Vinyl chloride	0.0058 U	0.0055 U	0.014 U
cis-1,3-Dichloropropene	0.0058 U	0.0055 U	0.014 U
trans-1,3-Dichloropropene	0.0058 U	0.0055 U	0.014 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-6. Surface Soil Total Organic Carbon

Location	Preparation and Receiving Areas Aggregate
Station	**LL2-243**
Sample ID	**LL20834**
Customer ID	**LL2ss-243-0834-SO**
Date	**08/13/2001**
Depth (ft)	**0 - 1**
Field Type	**Grab**
Analyte (mg/kg)	
Total Organic Carbon	20000 =

= - detected, J - estimated, U - not detected, R - rejected.

Table I-7. Subsurface Soil Inorganics

Location	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-066**	**LL2-072**	**LL2-072**	**LL2-086**	**LL2-086**	**LL2-086**	**LL2-086**	**LL2-087**
Sample ID	**LL20691**	**LL20707**	**LL20708**	**LL20741**	**LL21186**	**LL20742**	**LL21005**	**LL20744**
Customer ID	**LL2so-066-0691-SO**	**LL2so-072-0707-SO**	**LL2so-072-0708-SO**	**LL2so-086-0741-SO**	**LL2so-086-1186-SO**	**LL2so-086-0742-SO**	**LL2so-086-1005-SO**	**LL2so-087-0744-SO**
Date	**08/01/2001**	**07/26/2001**	**07/29/2001**	**07/28/2001**	**07/28/2001**	**07/29/2001**	**07/30/2001**	**07/29/2001**
Depth (ft)	**1 - 3**	**1 - 3**	**3 - 5**	**1 - 3**	**1 - 3**	**3 - 5**	**5 - 7**	**1 - 3**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
Aluminum	14100 =	13900 =	13600 =	9750 =	9520 =	12300 =	10100 =	10100 =
Antimony	1.2 UJ	1.3 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.1 J *
Arsenic	11.6 =	10 =	23.3 = *	4.1 =	3.6 =	22.1 = *	15.1 =	12.2 =
Barium	74.9 =	73.3 =	64.8 =	48.3 =	43.9 =	87.8 =	59.1 =	66.9 =
Beryllium	0.52 J	0.71 =	0.74 =	0.28 U	0.27 U	0.77 =	0.57 J	0.5 U
Cadmium	0.26 J *	0.63 U	0.6 U	0.14 J *	0.6 U	0.6 U	0.58 U	0.19 J *
Calcium	1120 =	365 J	643 =	1570 =	1270 =	2430 =	14100 =	2120 =
Chromium	16.1 =	12.8 =	17.3 =	11 =	10.6 =	17.1 =	14.6 =	15.1 =
Cobalt	8.8 J	8.6 =	10.3 =	2 =	1.7 =	13.5 =	11.9 =	9.7 =
Copper	18 =	11.4 =	26.5 =	5.7 =	5.9 =	23.5 =	19.8 =	18.3 =
Iron	23700 J	18900 =	30400 J	14100 =	12700 =	31600 J	27800 J	25600 =
Lead	15.3 J	15.8 =	15.2 J	56.7 = *	15.7 =	14.7 J	14.2 =	13.8 =
Magnesium	2710 J	1620 =	3310 =	1030 =	938 =	3900 =	5020 =	1660 =
Manganese	297 =	321 =	229 J	73.2 =	38.6 =	333 J	416 =	290 J
Mercury	0.048 J *	0.026 J	0.024 J	0.04 J	0.023 J	0.12 U	0.014 J	0.013 J
Nickel	17.4 J	12.5 =	26.2 J	6.8 =	6.1 =	35.6 J	28.5 =	19.7 =
Potassium	968 =	539 J	1160 =	643 =	611 =	1020 =	1120 =	857 =
Selenium	0.62 J	2.5 U	2.4 U	0.4 J	2.4 U	2.4 U	2.3 U	0.65 J
Silver	0.61 U	0.63 U	0.6 U	0.6 U	0.6 U	0.6 U	0.58 U	0.6 U
Sodium	613 U	634 U	598 U	601 U	597 U	604 U	581 U	602 U
Thallium	0.42 =	0.51 =	0.39 =	0.32 =	0.25 =	0.54 =	0.34 =	0.48 =
Vanadium	23.1 =	23.9 =	20.7 =	14.4 =	13.3 =	20.1 =	15.7 =	16.8 =
Zinc	50.8 J	64 =	70.3 J	37.8 =	26.3 =	69.3 J	61.8 =	48.3 =

Table I-7. Subsurface Soil Inorganics (continued)

Location	Explosives Handling Areas Aggregate	Perimeter Area Aggregate	Packaging and Shipping Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-087**	**LL2-094**	**LL2-100**	**LL2-128**	**LL2-130**	**LL2-132**	**LL2-132**	**LL2-132**
Sample ID	**LL20745**	**LL20761**	**LL20779**	**LL20857**	**LL20863**	**LL20869**	**LL21185**	**LL20870**
Customer ID	**LL2so-087-0745-SO**	**LL2so-094-0761-SO**	**LL2so-100-0779-SO**	**LL2so-128-0857-SO**	**LL2so-130-0863-SO**	**LL2so-132-0869-SO**	**LL2so-132-1185-SO**	**LL2so-132-0870-SO**
Date	**07/30/2001**	**07/30/2001**	**07/29/2001**	**07/28/2001**	**07/28/2001**	**07/28/2001**	**07/28/2001**	**07/29/2001**
Depth (ft)	**3 - 5**	**1 - 3**	**1 - 3**	**1 - 3**	**1 - 3**	**1 - 3**	**1 - 3**	**3 - 5**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**
Analyte (mg/kg)								
Aluminum	10700 =	14400 J	11600 =	10100 =	23100 = *	9730 =	9420 =	9460 =
Antimony	1.2 UJ	1.2 UJ	22 J *	1.2 UJ	19.8 J *	1.2 UJ	2.1 J *	1.2 UJ
Arsenic	14.3 =	11.4 =	13.5 =	14 =	6 =	11.3 =	11.6 =	14.5 J
Barium	69.4 =	83.4 =	227 = *	53.6 =	289 = *	80.2 =	109 =	98.1 J
Beryllium	0.6 =	0.67 =	1.4 = *	0.56 U	3.1 = *	0.5 J	0.61 =	0.77 =
Cadmium	0.6 U	0.29 J *	8.5 = *	0.15 U	3.3 = *	0.76 = *	2.2 = *	0.34 J *
Calcium	2740 =	843 =	37800 = *	1320 =	124000 = *	4600 =	23500 =	2420 =
Chromium	21.4 =	15.2 =	168 = *	14.3 =	106 = *	15.3 =	17.7 =	15.9 J
Cobalt	9.4 =	7 J	12 =	11.9 =	3.4 =	12.3 =	8.8 =	14.4 J
Copper	17.3 =	17.3 =	123 = *	19.5 =	23.6 =	17.8 =	20.4 =	18.5 J
Iron	27500 J	23000 =	54400 J *	27400 =	11500 =	23800 =	22100 =	24800 J
Lead	14.9 =	24.9 = *	1530 J *	16.2 =	747 = *	31.8 = *	91.3 J *	22.6 J *
Magnesium	2710 =	1960 =	6000 =	2330 =	14000 = *	2510 =	2910 =	2720 =
Manganese	288 =	142 =	1530 J	398 J	2830 J	497 =	486 =	694 J
Mercury	0.02 J	0.035 J	0.079 J *	0.012 J	7.1 = *	0.024 J	0.013 J	0.017 J
Nickel	28 =	15.3 =	48 J	18.1 =	9 =	20 =	20.4 =	28.5 J
Potassium	948 =	962 =	837 =	814 =	1260 =	798 =	790 =	857 =
Selenium	2.4 U	2.4 U	2.3 U	0.5 J	1.1 J	0.5 U	2.4 U	2.3 U
Silver	0.6 U	0.6 U	1.5 = *	0.58 U	0.57 U	0.61 U	0.6 U	0.58 U
Sodium	604 U	601 U	155 J *	577 U	314 J *	610 U	60.6 J	580 U
Thallium	0.34 =	0.38 U	0.3 =	0.47 =	0.27 =	0.28 =	0.26 J	0.36 =
Vanadium	15.7 =	19.4 =	16 =	18.1 =	10.9 =	16.9 =	13.9 =	15.2 J
Zinc	64.8 =	66.1 =	639 J *	55.1 =	157 = *	67.3 =	449 = *	69.5 =

Table I-7. Subsurface Soil Inorganics (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL2-133**	**LL2-133**	**LL2-134**	**LL2-149**	**LL2-162**	**LL2-166**	**LL2-167**	**LL2-177**
Sample ID	**LL20872**	**LL20873**	**LL20875**	**LL20912**	**LL20945**	**LL20957**	**LL20960**	**LL20984**
Customer ID	**LL2so-133-0872-SO**	**LL2so-133-0873-SO**	**LL2so-134-0875-SO**	**LL2so-149-0912-SO**	**LL2so-162-0945-SO**	**LL2so-166-0957-SO**	**LL2so-167-0960-SO**	**LL2so-177-0984-SO**
Date	**07/29/2001**	**07/30/2001**	**07/29/2001**	**07/28/2001**	**07/30/2001**	**07/29/2001**	**07/29/2001**	**07/29/2001**
Depth (ft)	**1 - 3**	**3 - 5**	**1 - 3**	**1 - 3**	**1 - 3**	**1 - 3**	**1 - 3**	**1 - 3**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
Aluminum	9750 =	8310 =	10900 =	8800 =	10700 =	1410 =	6920 =	10200 =
Antimony	1.2 UJ	1.2 UJ	1.2 UJ	1.1 UJ	1.2 UJ	1.9 J *	2.6 J *	1.2 UJ
Arsenic	17 =	18.3 J	13.2 =	14.3 =	16.2 J	0.95 J	5.2 =	9.3 J
Barium	104 =	61.7 J	56.8 =	34.1 =	52 J	22.8 =	55.4 =	71.2 J
Beryllium	0.7 =	0.65 =	0.52 J	0.47 J	0.61 =	0.18 U	0.8 =	0.65 =
Cadmium	0.6 J *	0.13 J *	0.32 J *	0.57 U	0.58 U	0.57 U	0.57 U	0.082 J *
Calcium	3480 =	1330 =	1200 =	7240 =	6710 =	431 J	1730 =	8630 =
Chromium	18.4 =	14.6 J	14.7 =	14.3 =	15.8 J	5.8 =	19.2 =	15.3 J
Cobalt	11 =	16.6 J	5.1 J	9.3 =	10.8 J	3.1 =	13.6 =	10.5 J
Copper	23.5 =	20.3 J	15.6 =	17.3 =	21 J	4.2 =	16.5 =	45.7 J *
Iron	24800 J	24600 J	25500 J	24300 =	26300 J	15600 J	21100 J	20900 J
Lead	35.3 J *	14 J	37.5 J *	18.2 =	11.9 J	7.4 J	11.4 J	39.3 J *
Magnesium	2700 =	2720 =	1880 =	4640 =	4300 =	338 J	1510 =	2620 =
Manganese	709 J	606 J	140 J	215 =	346 J	614 J	479 J	470 J
Mercury	0.028 J	0.12 R	0.021 J	0.11 U	0.12 R	0.11 U	0.11 U	0.039 J
Nickel	31.5 J	55.5 J	16.7 J	23.2 =	27.1 J	8.9 J	29.2 J	22.3 J
Potassium	845 =	919 =	715 =	1150 =	1160 =	284 J	1140 =	1130 =
Selenium	2.4 U	2.3 U	2.4 U	2.3 U	2.3 U	2.3 U	2.3 U	2.4 U
Silver	0.61 U	0.58 U	0.59 U	0.57 U	0.58 U	0.57 U	0.57 U	0.6 U
Sodium	610 U	578 U	591 U	573 U	576 U	566 U	566 U	597 U
Thallium	0.51 =	0.32 J	0.52 =	0.19 J	0.33 =	0.26 =	0.4 =	0.33 =
Vanadium	16 =	13.7 J	18.1 =	13.6 =	16.5 J	4.8 =	10.6 =	17.7 J
Zinc	100 J *	74.3 =	79.4 J	52.5 =	64.5 =	20.5 J	35.6 J	99.1 = *

Table I-7. Subsurface Soil Inorganics (continued)

Location	Preparation and Receiving Areas Aggregate	Perimeter Area Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-178**	**LL2-241**	**LL2-272**
Sample ID	**LL20987**	**LL20955**	**LL20689**
Customer ID	**LL2so-178-0987-SO**	**LL2so-241-0955-SO**	**LL2so-272-0689-SO**
Date	**07/29/2001**	**08/21/2001**	**08/26/2001**
Depth (ft)	**1 - 3**	**1 - 3**	**1 - 3**
Field Type	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)			
Aluminum	12800 =	10500 =	8630 =
Antimony	1.2 UJ	1.1 UJ	1.1 UJ
Arsenic	15.6 =	12.1 =	8.1 =
Barium	54.8 =	82.1 =	62 =
Beryllium	0.7 =	0.68 =	0.65 =
Cadmium	0.6 U	0.14 U	0.22 J *
Calcium	2090 =	217 J	7800 =
Chromium	16.7 =	14 =	11.1 =
Cobalt	9.7 =	9.8 =	5.7 =
Copper	20.1 =	17 =	9.8 =
Iron	27600 J	22200 =	18300 =
Lead	13 =	12 =	14.3 =
Magnesium	3160 =	2600 =	2150 =
Manganese	220 =	226 =	461 =
Mercury	0.01 J	0.019 U	0.019 U
Nickel	24.7 =	23 =	12.3 =
Potassium	992 =	728 =	613 =
Selenium	2.4 U	0.52 J	0.54 J
Silver	0.6 U	0.57 U	0.56 U
Sodium	597 U	569 U	558 U
Thallium	0.26 =	0.3 U	0.22 U
Vanadium	20.6 =	15 =	13.6 =
Zinc	58.1 =	66.1 =	39.2 =

* - exceeds site-wide background criteria.

= - detected, J - estimated, U - not detected, R - rejected.

Table I-8. Subsurface Soil Explosives and Propellants

Location	Packaging and Shipping Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-072**	**LL2-086**	**LL2-086**	**LL2-086**	**LL2-087**
Sample ID	**LL20707**	**LL20741**	**LL20742**	**LL21005**	**LL20744**
Customer ID	**LL2so-072-0707-SO**	**LL2so-086-0741-SO**	**LL2so-086-0742-SO**	**LL2so-086-1005-SO**	**LL2so-087-0744-SO**
Date	**07/26/2001**	**07/28/2001**	**07/29/2001**	**07/30/2001**	**07/29/2001**
Depth (ft)	**1 - 3**	**1 - 3**	**3 - 5**	**5 - 7**	**1 - 3**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
1,3,5-Trinitrobenzene	0.25 U	2.4 J	0.093 J	0.28 J	0.17 J
1,3-Dinitrobenzene	0.25 U	5 U	0.25 U	0.5 U	0.25 U
2,4,6-Trinitrotoluene	0.25 U	1600 J	61 =	91 J	21 =
2,4-Dinitrotoluene	0.25 U	2.1 J	0.055 J	0.5 U	0.25 U
2,6-Dinitrotoluene	0.25 U	5 U	0.1 J	0.5 U	0.25 U
2-Amino-4,6-dinitrotoluene	0.25 U	5 U	0.14 J	0.5 U	4 =
2-Nitrotoluene	0.25 U	5 U	0.25 U	0.5 U	0.25 U
3-Nitrotoluene	0.25 U	5 U	0.25 U	0.5 U	0.25 U
4-Amino-2,6-dinitrotoluene	0.25 U	50 U	0.25 U	5 U	8.3 U
4-Nitrotoluene	0.25 U	5 U	0.25 U	0.5 U	0.25 U
HMX	0.5 U	10 U	0.5 U	1 U	0.5 U
Nitrobenzene	0.25 U	5 U	0.25 U	0.5 U	0.25 U
Nitroglycerin	2.5 U	50 U	2.5 U	5 U	2.5 U
RDX	0.5 U	10 U	0.5 U	1 U	0.5 U
Tetryl	0.65 U	13 U	0.65 U	1.3 U	0.65 U

Table I-8. Subsurface Soil Explosives and Propellants (continued)

Location	Explosives Handling Areas Aggregate	Perimeter Area Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-087**	**LL2-094**	**LL2-130**	**LL2-133**	**LL2-133**
Sample ID	**LL20745**	**LL20761**	**LL20863**	**LL20872**	**LL20873**
Customer ID	**LL2so-087-0745-SO**	**LL2so-094-0761-SO**	**LL2so-130-0863-SO**	**LL2so-133-0872-SO**	**LL2so-133-0873-SO**
Date	**07/30/2001**	**07/30/2001**	**07/28/2001**	**07/29/2001**	**07/30/2001**
Depth (ft)	**3 - 5**	**1 - 3**	**1 - 3**	**1 - 3**	**3 - 5**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
1,3,5-Trinitrobenzene	0.25 U	6.7 J	0.98 J	0.23 J	0.25 U
1,3-Dinitrobenzene	0.25 U	1.2 U	0.25 U	0.054 J	0.25 U
2,4,6-Trinitrotoluene	57 J	450 =	46 =	53 =	5.8 J
2,4-Dinitrotoluene	0.25 U	1.7 J	0.39 J	0.29 =	0.25 U
2,6-Dinitrotoluene	0.25 U	1.2 U	0.87 U	1.2 U	0.25 U
2-Amino-4,6-dinitrotoluene	2.4 =	1.2 U	5.1 J	3.7 =	0.61 =
2-Nitrotoluene	0.25 U	1.2 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	0.25 U	1.2 U	0.38 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	8.4 U	12 U	10 U	4.8 =	1.5 U
4-Nitrotoluene	0.25 U	1.2 U	0.25 U	0.25 U	0.25 U
HMX	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
Nitrobenzene	0.25 U	1.2 U	0.25 U	0.25 U	0.25 U
Nitroglycerin	2.5 U	12 U	2.5 U	2.5 U	2.5 U
RDX	0.5 U	2.5 U	0.29 J	0.29 J	0.24 J
Tetryl	0.65 U	3.2 U	0.65 U	0.65 U	0.65 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-9. Subsurface Soil Pesticides and PCBs

Location	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Perimeter Area Aggregate	Explosives Handling Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL2-071**	**LL2-072**	**LL2-094**	**LL2-128**	**LL2-167**
Sample ID	**LL20704**	**LL20707**	**LL20761**	**LL20857**	**LL20960**
Customer ID	**LL2so-071-0704-SO**	**LL2so-072-0707-SO**	**LL2so-094-0761-SO**	**LL2so-128-0857-SO**	**LL2so-167-0960-SO**
Date	**07/30/2001**	**07/26/2001**	**07/30/2001**	**07/28/2001**	**07/29/2001**
Depth (ft)	**1 - 3**	**1 - 3**	**1 - 3**	**1 - 3**	**1 - 3**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
PCB-1016	0.042 U	0.042 U	0.079 U	0.038 UJ	0.037 UJ
PCB-1221	0.042 U	0.042 U	0.079 U	0.038 U	0.037 UJ
PCB-1232	0.042 U	0.042 U	0.079 U	0.038 U	0.037 UJ
PCB-1242	0.042 U	0.042 U	0.079 U	0.038 U	0.037 UJ
PCB-1248	0.042 U	0.042 U	0.079 U	0.038 U	0.037 UJ
PCB-1254	0.042 U	0.042 U	0.079 U	0.038 U	0.037 UJ
PCB-1260	0.042 U	0.042 U	0.64 J	0.038 UJ	0.037 UJ

= - detected, J - estimated, U - not detected, R - rejected.

Table I-10. Subsurface Soil Semivolatile Organic Compounds

Location	Packaging and Shipping Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL2-071**	**LL2-177**
Sample ID	**LL20704**	**LL20984**
Customer ID	**LL2so-071-0704-SO**	**LL2so-177-0984-SO**
Date	**07/30/2001**	**07/29/2001**
Depth (ft)	**1 - 3**	**1 - 3**
Field Type	**Grab**	**Grab**
Analyte (mg/kg)		
1,2,4-Trichlorobenzene	0.42 U	0.39 U
1,2-Dichlorobenzene	0.42 U	0.39 U
1,3-Dichlorobenzene	0.42 U	0.39 U
1,4-Dichlorobenzene	0.42 U	0.39 U
2,4,5-Trichlorophenol	0.42 U	0.39 U
2,4,6-Trichlorophenol	0.42 U	0.39 U
2,4-Dichlorophenol	0.42 U	0.39 U
2,4-Dimethylphenol	0.42 U	0.39 UJ
2,4-Dinitrophenol	1 U	0.95 U
2,4-Dinitrotoluene	0.42 U	0.39 U
2,6-Dinitrotoluene	0.42 U	0.39 U
2-Chloronaphthalene	0.42 U	0.39 U
2-Chlorophenol	0.42 U	0.39 U
2-Methyl-4,6-dinitrophenol	1 U	0.95 U
2-Methylnaphthalene	0.42 U	0.39 U
2-Methylphenol	0.42 U	0.39 U
2-Nitrobenzenamine	1 U	0.95 U
2-Nitrophenol	0.42 U	0.39 U
3,3'-Dichlorobenzidine	0.42 U	0.39 U
3-Nitrobenzenamine	1 U	0.95 U
4-Bromophenyl phenyl ether	0.42 U	0.39 U
4-Chloro-3-methylphenol	0.42 U	0.39 U
4-Chlorobenzenamine	0.42 U	0.39 U
4-Chlorophenyl phenyl ether	0.42 U	0.39 U
4-Methylphenol	0.42 U	0.39 U
4-Nitrobenzenamine	1 U	0.95 U
4-Nitrophenol	1 U	0.95 U
Acenaphthene	0.42 U	0.39 U
Acenaphthylene	0.42 U	0.39 U
Anthracene	0.42 U	0.39 U
Benz(a)anthracene	0.42 U	0.39 U
Benzenemethanol	0.42 U	0.39 U
Benzo(a)pyrene	0.42 U	0.39 U
Benzo(b)fluoranthene	0.42 U	0.069 J
Benzo(ghi)perylene	0.42 U	0.39 U
Benzo(k)fluoranthene	0.42 U	0.39 U
Benzoic acid	2 U	1.9 U
Bis(2-chloroethoxy)methane	0.42 U	0.39 U
Bis(2-chloroethyl) ether	0.42 U	0.39 U

Table I-10. Subsurface Soil Semivolatile Organic Compounds (continued)

Location	Packaging and Shipping Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL2-071**	**LL2-177**
Sample ID	**LL20704**	**LL20984**
Customer ID	**LL2so-071-0704-SO**	**LL2so-177-0984-SO**
Date	**07/30/2001**	**07/29/2001**
Depth (ft)	**1 - 3**	**1 - 3**
Field Type	**Grab**	**Grab**
Analyte (mg/kg)		
Bis(2-chloroisopropyl) ether	0.42 U	0.39 U
Bis(2-ethylhexyl)phthalate	0.42 U	0.39 U
Butyl benzyl phthalate	0.42 U	0.39 U
Carbazole	0.42 U	0.39 U
Chrysene	0.42 U	0.062 J
Di-n-butyl phthalate	0.42 U	0.39 U
Di-n-octylphthalate	0.42 U	0.39 U
Dibenz(a,h)anthracene	0.42 U	0.39 U
Dibenzofuran	0.42 U	0.39 U
Diethyl phthalate	0.42 U	0.39 U
Dimethyl phthalate	0.42 U	0.39 U
Fluoranthene	0.42 U	0.11 J
Fluorene	0.42 U	0.39 U
Hexachlorobenzene	0.42 U	0.39 U
Hexachlorobutadiene	0.42 U	0.39 U
Hexachlorocyclopentadiene	0.42 U	0.39 U
Hexachloroethane	0.42 U	0.39 U
Indeno(1,2,3-cd)pyrene	0.42 U	0.39 U
Isophorone	0.42 U	0.39 U
N-Nitroso-di-n-propylamine	0.42 U	0.39 U
N-Nitrosodiphenylamine	0.42 U	0.39 U
Naphthalene	0.42 U	0.39 U
Nitrobenzene	0.42 U	0.39 U
Pentachlorophenol	0.42 U	0.39 U
Phenanthrene	0.42 U	0.078 J
Phenol	0.42 U	0.39 U
Pyrene	0.42 U	0.083 J

= - detected, J - estimated, U - not detected, R - rejected.

Table I-11. Subsurface Soil Volatile Organic Compounds

Location	Packaging and Shipping Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL2-071**	**LL2-177**
Sample ID	**LL20704**	**LL20984**
Customer ID	**LL2so-071-0704-SO**	**LL2so-177-0984-SO**
Date	**07/30/2001**	**07/29/2001**
Depth (ft)	**1 - 3**	**1 - 3**
Field Type	**Grab**	**Grab**
Analyte (mg/kg)		
1,1,1-Trichloroethane	0.0063 U	0.006 U
1,1,2,2-Tetrachloroethane	0.0063 U	0.006 U
1,1,2-Trichloroethane	0.0063 U	0.006 U
1,1-Dichloroethane	0.0063 U	0.006 U
1,1-Dichloroethene	0.0063 U	0.006 U
1,2-Dibromoethane	0.0063 U	0.006 U
1,2-Dichloroethane	0.0063 U	0.006 U
1,2-Dichloroethene	0.0063 U	0.006 U
1,2-Dichloropropane	0.0063 U	0.006 U
2-Butanone	0.0036 J	0.024 U
2-Hexanone	0.025 U	0.024 U
4-Methyl-2-pentanone	0.025 U	0.024 U
Acetone	0.017 J	0.024 U
Benzene	0.0063 U	0.006 U
Bromochloromethane	0.0063 U	0.006 U
Bromodichloromethane	0.0063 U	0.006 U
Bromoform	0.0063 U	0.006 U
Bromomethane	0.0063 U	0.006 U
Carbon disulfide	0.0063 U	0.006 U
Carbon tetrachloride	0.0063 U	0.006 U
Chlorobenzene	0.0063 U	0.006 U
Chloroethane	0.0063 U	0.006 U
Chloroform	0.0063 U	0.006 U
Chloromethane	0.0063 U	0.006 U
Dibromochloromethane	0.0063 U	0.006 U
Dimethylbenzene	0.0063 UJ	0.006 UJ
Ethylbenzene	0.0063 U	0.006 U
Methylene chloride	0.0063 U	0.006 U
Styrene	0.0063 U	0.006 U
Tetrachloroethene	0.0063 U	0.006 U
Toluene	0.0014 J	0.0012 J
Trichloroethene	0.0063 U	0.006 U
Vinyl chloride	0.0063 U	0.006 U
cis-1,3-Dichloropropene	0.0063 U	0.006 U
trans-1,3-Dichloropropene	0.0063 U	0.006 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-12. Sediment Inorganics

Location	North Ditches Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Perimeter Area Aggregate
Station	**LL2-046(p2)**	**LL2-048(p2)**	**LL2sd/sw-049(d)**	**LL2sd/sw-049(d)**	**LL2sd-050(d)**
Sample ID	**LL21098**	**LL21120**	**LL21123**	**LL21173**	**LL21099**
Customer ID	**LL2sd-046-1098-SD**	**LL2sd-048-1120-SD**	**LL2sd-049-1123-SD**	**LL2sd-049-1173-SD**	**LL2sd-050-1099-SD**
Date	**07/29/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**
Depth (ft)	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**
Field Type	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**
Analyte (mg/kg)					
Aluminum	7700 =	7970 =	6260 =	7360 =	9150 =
Antimony	4.8 J *	1.7 UJ	4.5 J *	21.3 J *	1.5 UJ
Arsenic	6.4 =	15 =	8.6 =	28.8 = *	8 =
Barium	67.5 =	71.3 =	69 =	90.9 =	86.6 =
Beryllium	0.62 J *	0.77 U	0.56 J *	0.85 J *	1.5 J *
Cadmium	0.48 J *	0.14 J *	0.67 = *	1.6 J *	1.3 = *
Calcium	3040 =	4020 =	2770 J	8420 = *	2600 =
Chromium	11 =	13.5 =	17.3 =	99.3 = *	10.3 =
Chromium, hexavalent		1.7 R	1.2 UJ		
Cobalt	8.6 =	12.4 = *	8.6 =	15.2 = *	12.2 = *
Copper	13.2 =	23.6 =	29.1 = *	425 = *	16.6 =
Cyanide					
Iron	16300 J	36200 = *	16500 =	144000 = *	11900 =
Lead	24.6 J	35 = *	46.3 = *	150 = *	52.6 = *
Magnesium	1720 =	1510 =	1690 =	2270 =	1120 =
Manganese	671 J	697 J	904 =	1860 J	566 J
Mercury	0.058 J	0.04 J	0.025 J	0.019 J	0.063 J *
Nickel	20.7 J *	20.6 = *	22.9 = *	226 = *	32.4 = *
Potassium	672 J	768 J	596 J	663 =	528 J
Selenium	0.61 J	1 J	2.4 U	12.7 U	1.3 J
Silver	0.74 U	0.87 U	0.59 U	0.63 U	0.77 U
Sodium	741 U	869 U	592 U	122 J *	768 U
Thallium	0.34 =	1.1 = *	0.93 J *	1 = *	0.86 =
Vanadium	14.3 =	17.5 =	9.6 =	15.3 =	14.5 =
Zinc	84.9 J	252 =	222 =	1850 = *	190 =

Table I-12. Sediment Inorganics (continued)

Location	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate
Station	**LL2sd/sw-052(p)**	**LL2sd/sw-053(p)**	**LL2-054(p2)**	**LL2sd/sw-055(p)**	**LL2-182**
Sample ID	**LL21127**	**LL21129**	**LL21131**	**LL21133**	**LL20998**
Customer ID	**LL2sd-052-1127-SD**	**LL2sd-053-1129-SD**	**LL2sd-054-1131-SD**	**LL2sd-055-1133-SD**	**LLsd-182-0998-SD**
Date	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/31/2001**	**07/31/2001**
Depth (ft)	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
Aluminum	12400 J	12400 J	9320 J	5670 J	6860 J
Antimony	1.3 UJ	0.85 J *	1.1 UJ	1.3 UJ	1.8 J *
Arsenic	6.5 =	8.2 =	13.2 =	17.6 =	18.7 =
Barium	82.7 =	66.3 =	35.2 =	51.6 =	71.4 =
Beryllium	0.64 J *	0.63 J *	0.52 J *	0.57 J *	0.63 = *
Cadmium	0.67 U	0.73 U	0.56 U	0.63 U	0.21 J *
Calcium	1020 =	1060 =	25800 = *	834 =	6070 = *
Chromium	15.7 =	23.6 = *	12.7 =	9.4 =	19.7 = *
Chromium, hexavalent	1.3 R	1.5 R	1.1 R	1.3 R	1.1 R
Cobalt	8.3 J	9.1 J	9.4 J *	11 J *	9 J
Copper	17.2 =	28.8 = *	18.9 =	12.1 =	23.6 =
Cyanide					
Iron	19800 =	22100 =	21900 =	26500 =	22000 =
Lead	19 =	32.1 = *	12.2 =	19.6 =	31.2 = *
Magnesium	2380 =	2400 =	9250 = *	1330 =	1730 =
Manganese	237 =	246 =	384 =	1030 =	1150 =
Mercury	0.051 J	0.043 J	0.11 U	0.13 U	0.016 J
Nickel	17.7 =	18.3 = *	21.9 = *	19.1 = *	15.2 =
Potassium	844 =	878 =	1070 =	425 J	411 J
Selenium	2.7 U	2.9 U	2.2 U	2.5 U	2.2 U
Silver	0.67 U	0.73 U	0.56 U	4.1 = *	0.55 U
Sodium	670 U	729 U	561 U	632 U	548 U
Thallium	0.46 U	0.52 U	0.43 =	0.4 U	0.37 U
Vanadium	19.5 =	20.7 =	13.8 =	13.4 =	14 =
Zinc	61.3 =	72.2 =	58.8 =	96.1 =	137 =

Table I-12. Sediment Inorganics (continued)

Location	Kelly's Pond and Exit Drainages Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL2-182**	**LL2-183**	**LL2-183**	**LL2-185**	**LL2-212**
Sample ID	**LL21175**	**LL21001**	**LL21002**	**LL21007**	**LL21052**
Customer ID	**LL2sd-182-1175-SD**	**LL2sd-183-1001-SD**	**LL2sd-183-1002-SD**	**LL2sd-185-1007-SD**	**LL2sd-212-1052-SD**
Date	**07/31/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**
Depth (ft)	**0 - 0.5**	**0 - 0.5**	**0.5 - 1.0**	**0 - 0.5**	**0 - 0.5**
Field Type	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
Aluminum	9010 J	12300 =	11900 =	7620 =	7040 =
Antimony	2.6 J *	3.4 UJ	1.4 UJ	1.2 UJ	0.87 J *
Arsenic	19.3 =	16.8 =	10.9 =	10.2 =	16.4 =
Barium	82.2 =	121 =	62.7 =	63.1 =	58.6 =
Beryllium	0.97 = *	0.83 U	0.63 J *	0.65 = *	0.95 = *
Cadmium	0.28 J *	1.1 J *	0.72 U	0.38 J *	0.63 U
Calcium	11600 = *	8020 = *	1590 =	1730 =	614 J
Chromium	25.5 = *	103 = *	32.8 = *	91.1 = *	20 = *
Chromium, hexavalent		3.4 UJ	1.4 UJ	1.2 UJ	1.3 UJ
Cobalt	9 J	8.5 =	8.7 =	11.8 = *	13.1 = *
Copper	27.6 =	380 = *	41 = *	73.7 = *	20 =
Cyanide					
Iron	30500 = *	18200 J	23900 J	28800 J *	23800 J
Lead	39.7 = *	46.7 = *	16.7 =	20.2 =	50.4 = *
Magnesium	2590 =	3050 = *	3130 = *	2240 =	2340 =
Manganese	1210 =	442 =	174 =	337 =	469 =
Mercury	0.021 J	0.17 J *	0.028 J	0.12 U	0.028 J
Nickel	16 =	28.4 = *	24.4 = *	34 = *	34.6 = *
Potassium	519 J	1250 J	909 =	852 =	1190 =
Selenium	0.53 J	5.2 J *	2.9 U	2.5 U	2.5 U
Silver	0.56 U	1.7 U	0.72 U	0.61 U	0.63 U
Sodium	555 U	1700 U	720 U	614 U	632 U
Thallium	0.38 U	0.41 J	0.22 J	0.27 =	0.38 =
Vanadium	16 =	26.9 = *	17.1 =	13.3 =	14.4 =
Zinc	150 =	188 =	65.9 =	710 = *	71.3 =

Table I-12. Sediment Inorganics (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	North Ditches Aggregate	North Ditches Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-231**	**LL2-232**	**LL2-233**	**LL2-234**	**LL2-245**
Sample ID	**LL21092**	**LL21094**	**LL21096**	**LL21097**	**LL21113**
Customer ID	**LL2sd-231-1092-SD**	**LL2sd-232-1094-SD**	**LL2sd-233-1096-SD**	**LL2sd-234-1097-SD**	**LL2sd-245-1113-SD**
Date	**07/29/2001**	**07/29/2001**	**07/27/2001**	**07/27/2001**	**07/30/2001**
Depth (ft)	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
Aluminum	10200 =	10800 =	9390 =	9270 =	4420 =
Antimony	0.79 UJ	3.1 U	1.4 UJ	1.3 UJ	1.3 UJ
Arsenic	31.5 = *	9.2 =	9.4 =	10.1 =	6.9 =
Barium	55.8 =	254 = *	69 =	66.7 =	36.5 =
Beryllium	0.58 = *	1.2 = *	0.57 U	0.6 J *	0.43 J *
Cadmium	0.56 U	4.9 = *	0.72 U	0.095 J *	0.79 = *
Calcium	2740 =	12700 = *	1320 =	1020 =	3770 =
Chromium	14.9 =	32 J *	11.6 =	12.4 =	8.5 =
Chromium, hexavalent					
Cobalt	12.3 = *	9.7 = *	9 =	9.8 = *	8 =
Copper	21.7 =	48.2 J *	12.9 =	16.7 =	16.7 =
Cyanide	0.56 U	1.3 = *			
Iron	28900 J *	42700 = *	22500 J	22500 J	14800 =
Lead	20.6 J	431 J *	15.4 =	14.2 =	31.5 = *
Magnesium	3790 = *	2610 =	1660 =	2180 =	1550 =
Manganese	308 J	4990 = *	652 =	277 =	211 J
Mercury	0.11 U	0.24 J *	0.024 J	0.016 J	0.012 J
Nickel	28.6 J *	33.4 = *	16.3 =	22.1 = *	14.6 =
Potassium	1090 =	1450 J	674 J	767 =	427 J
Selenium	2.3 U	3.3 J *	2.9 U	2.6 U	1 U
Silver	0.56 U	1.6 U	0.72 U	0.65 U	0.65 U
Sodium	564 U	1560 U	720 U	648 U	651 U
Thallium	0.34 =	1.3 = *	0.27 J	0.26 J	0.3 =
Vanadium	16.4 =	19.2 =	16.5 =	16.8 =	9.2 =
Zinc	65.8 J	495 J	83.7 =	96.3 =	130 =

Table I-12. Sediment Inorganics (continued)

Location	Perimeter Area Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	North Ponds Aggregate
Station	**LL2-248**	**LL2-249**	**LL2-249**	**LL2-252**	**LL2-271**
Sample ID	**LL21117**	**LL21118**	**LL21170**	**LL21125**	**LL21076**
Customer ID	**LL2sd-248-1117-SD**	**LL2sd-249-1118-SD**	**LL2sd-249-1170-SD**	**LL2sd-252-1125-SD**	**LL2sd-271-1076-SD**
Date	**07/29/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/31/2001**
Depth (ft)	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**
Field Type	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**
Analyte (mg/kg)					
Aluminum	6130 =	7620 =	11600 =	8160 =	6430 =
Antimony	8120 J *	2.5 UJ	2.3 UJ	69.2 J *	1.3 UJ
Arsenic	36.5 = *	5.3 =	8.3 =	11.8 =	18.5 =
Barium	1060 = *	67.6 =	101 =	75.7 =	33 =
Beryllium	0.97 U	0.47 U	0.75 J *	0.61 J *	0.38 J
Cadmium	4.8 = *	0.48 J *	0.77 J *	0.55 J *	0.25 J *
Calcium	10600 = *	2310 =	3640 =	1500 =	713 =
Chromium	4000 = *	10.7 =	16.4 =	137 = *	9.5 =
Chromium, hexavalent		2.5 U		1.4 U	
Cobalt	115 = *	7.8 =	12.8 = *	13.7 = *	8.5 J
Copper	721 = *	15 =	22.9 =	76.8 = *	23.2 =
Cyanide					0.67 U
Iron	36200 J *	13600 =	20900 =	21000 =	27700 J
Lead	24800 J *	46 = *	71 = *	656 = *	28.5 J *
Magnesium	14200 = *	1170 J	1770 =	1530 =	1850 =
Manganese	473 J	269 J	464 J	701 J	438 J
Mercury	2.8 = *	0.1 J *	0.11 J *	0.22 = *	0.014 J
Nickel	26 J *	15.7 =	24.2 = *	18 = *	20.7 J *
Potassium	490 J	693 J	1050 J	581 J	786 =
Selenium	4 J *	0.88 U	1.8 U	0.97 U	0.56 J
Silver	1.9 U	1.3 U	1.2 U	0.72 U	0.67 U
Sodium	1950 U	1260 U	1170 U	720 U	668 U
Thallium	0.93 = *	0.51 =	0.65 =	0.46 =	0.35 =
Vanadium	22.6 =	14.9 =	22.7 =	18.5 =	12.8 =
Zinc	904 J *	100 =	160 =	129 =	69.6 J

* - exceeds site-wide background criteria.
= - detected, J - estimated, U - not detected, R - rejected.

Table I-13. Sediment Explosives and Propellants

Location	Preparation and Receiving Areas Aggregate	Kelly's Pond and Exit Drainages Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL2sd/sw-049(d)**	**LL2-182**	**LL2-183**	**LL2-183**	**LL2-231**	**LL2-232**
Sample ID	**LL21123**	**LL20998**	**LL21001**	**LL21002**	**LL21092**	**LL21094**
Customer ID	**LL2sd-049-1123-SD**	**LLsd-182-0998-SD**	**LL2sd-183-1001-SD**	**LL2sd-183-1002-SD**	**LL2sd-231-1092-SD**	**LL2sd-232-1094-SD**
Date	**07/27/2001**	**07/31/2001**	**07/27/2001**	**07/27/2001**	**07/29/2001**	**07/29/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**1 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)						
1,3,5-Trinitrobenzene		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene		0.27 =	0.25 U	0.25 U	0.25 U	0.059 J
2,4-Dinitrotoluene		0.19 J	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene		0.25 U	0.25 U	0.25 U	0.15 J	0.25 U
2-Nitrotoluene		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene		0.13 J	0.25 U	0.25 U	0.25 U	0.25 U
4-Nitrotoluene		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX		0.5 U	0.5 U	0.5 U	3.2 =	0.5 U
Nitrobenzene		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Nitrocellulose	6.8 =				2.3 J	26.8 J
Nitroglycerin		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Nitroguanidine	0.25 U				0.25 U	0.25 U
RDX		0.5 U	0.5 U	0.5 U	0.64 =	0.5 U
Tetryl		0.65 U	0.65 U	0.65 U	0.65 U	0.65 U

Table I-13. Sediment Explosives and Propellants (continued)

Location	North Ditches Aggregate	Explosives Handling Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	North Ponds Aggregate
Station	**LL2-234**	**LL2-245**	**LL2-249**	**LL2-249**	**LL2-271**
Sample ID	**LL21097**	**LL21113**	**LL21118**	**LL21170**	**LL21076**
Customer ID	**LL2sd-234-1097-SD**	**LL2sd-245-1113-SD**	**LL2sd-249-1118-SD**	**LL2sd-249-1170-SD**	**LL2sd-271-1076-SD**
Date	**07/27/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/31/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**
Analyte (mg/kg)					
1,3,5-Trinitrobenzene	0.25 U		0.25 U	0.25 U	
1,3-Dinitrobenzene	0.25 U		0.25 U	0.25 U	
2,4,6-Trinitrotoluene	0.051 J		0.25 U	0.25 U	
2,4-Dinitrotoluene	0.25 U		0.25 U	0.25 U	
2,6-Dinitrotoluene	0.25 U		0.25 U	0.25 U	
2-Amino-4,6-dinitrotoluene	0.25 U		0.25 U	0.25 U	
2-Nitrotoluene	0.25 U		0.25 U	0.25 U	
3-Nitrotoluene	0.25 U		0.25 U	0.25 UJ	
4-Amino-2,6-dinitrotoluene	0.25 U		0.25 U	0.25 U	
4-Nitrotoluene	0.25 U		0.25 U	0.25 U	
HMX	0.5 U		0.5 U	0.5 U	
Nitrobenzene	0.25 U		0.25 U	0.25 U	
Nitrocellulose		4 UJ	7.2 J		0.43 J
Nitroglycerin	2.5 U		2.5 U	2.5 U	
Nitroguanidine		0.25 U	0.25 U		0.25 U
RDX	0.5 U		0.5 U	0.5 U	
Tetryl	0.65 U		0.65 U	0.65 U	

= - detected, J - estimated, U - not detected, R - rejected.

Table I-14. Sediment Pesticides and PCBs

Location	North Ditches Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Perimeter Area Aggregate
Station	**LL2-046(p2)**	**LL2-048(p2)**	**LL2sd/sw-049(d)**	**LL2sd/sw-049(d)**	**LL2sd-050(d)**
Sample ID	**LL21098**	**LL21120**	**LL21123**	**LL21173**	**LL21099**
Customer ID	**LL2sd-046-1098-SD**	**LL2sd-048-1120-SD**	**LL2sd-049-1123-SD**	**LL2sd-049-1173-SD**	**LL2sd-050-1099-SD**
Date	**07/29/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/27/2001**
Depth (ft)	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**
Field Type	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**
Analyte (mg/kg)					
4,4'-DDD					
4,4'-DDE					
4,4'-DDT					
Aldrin					
Dieldrin					
Endosulfan I					
Endosulfan II					
Endosulfan sulfate					
Endrin					
Endrin aldehyde					
Endrin ketone					
Heptachlor					
Heptachlor epoxide					
Lindane					
Methoxychlor					
PCB-1016	0.049 U	0.057 U	0.039 U	0.042 U	0.051 U
PCB-1221	0.049 U	0.057 U	0.039 U	0.042 U	0.051 U
PCB-1232	0.049 U	0.057 U	0.039 U	0.042 U	0.051 U
PCB-1242	0.049 U	0.057 U	0.039 U	0.042 U	0.051 U
PCB-1248	0.049 U	0.057 U	0.039 U	0.042 U	0.051 U
PCB-1254	0.049 U	0.057 U	0.039 U	0.042 U	0.051 U
PCB-1260	0.049 U	0.057 U	0.039 U	0.042 U	0.051 U
Toxaphene					
alpha-BHC					
alpha-Chlordane					
beta-BHC					
delta-BHC					
gamma-Chlordane					

Table I-14. Sediment Pesticides and PCBs (continued)

Location	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate
Station	**LL2sd/sw-052(p)**	**LL2sd/sw-053(p)**	**LL2-054(p2)**	**LL2sd/sw-055(p)**	**LL2-182**
Sample ID	**LL21127**	**LL21129**	**LL21131**	**LL21133**	**LL20998**
Customer ID	**LL2sd-052-1127-SD**	**LL2sd-053-1129-SD**	**LL2sd-054-1131-SD**	**LL2sd-055-1133-SD**	**LLsd-182-0998-SD**
Date	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/31/2001**	**07/31/2001**
Depth (ft)	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
4,4'-DDD	0.0023 U	0.0025 U	0.0038 U	0.0021 U	0.0038 J
4,4'-DDE	0.0026 J	0.0025 U	0.0056 J	0.0021 U	0.021 J
4,4'-DDT	0.0023 U	0.0025 U	0.0038 U	0.0021 U	0.0037 =
Aldrin	0.0023 U	0.0025 U	0.0038 U	0.0021 U	0.0037 U
Dieldrin	0.0023 U	0.0025 U	0.0038 U	0.0021 U	0.0037 U
Endosulfan I	0.0023 U	0.0025 U	0.0038 U	0.0021 U	0.0037 U
Endosulfan II	0.0023 U	0.0025 U	0.0038 U	0.0021 U	0.0037 U
Endosulfan sulfate	0.0023 U	0.0025 U	0.0038 U	0.0021 U	0.0037 U
Endrin	0.0023 U	0.0025 U	0.0038 U	0.0021 U	0.0037 U
Endrin aldehyde	0.0023 U	0.0025 U	0.0038 U	0.0021 U	0.0037 U
Endrin ketone	0.0023 U	0.0025 U	0.0038 U	0.0021 U	0.01 J
Heptachlor	0.0023 U	0.0025 UJ	0.0038 U	0.0021 U	0.0037 U
Heptachlor epoxide	0.0023 U	0.0025 U	0.0038 U	0.0021 U	0.0037 U
Lindane	0.0023 U	0.0025 U	0.0038 U	0.0021 U	0.0037 U
Methoxychlor	0.0044 U	0.0048 U	0.0074 U	0.0042 U	0.0072 U
PCB-1016	0.044 U	0.048 U	0.037 U	0.042 U	0.036 U
PCB-1221	0.044 U	0.048 U	0.037 U	0.042 U	0.036 U
PCB-1232	0.044 U	0.048 U	0.037 U	0.042 U	0.036 U
PCB-1242	0.044 U	0.048 U	0.037 U	0.042 U	0.036 U
PCB-1248	0.044 U	0.048 U	0.037 U	0.042 U	0.036 U
PCB-1254	0.044 U	0.048 U	0.037 U	0.042 U	0.036 U
PCB-1260	0.044 U	0.048 U	0.037 U	0.042 U	0.036 U
Toxaphene	0.09 UJ	0.098 UJ	0.15 UJ	0.085 UJ	0.15 U
alpha-BHC	0.0023 U	0.0025 U	0.0038 U	0.0021 U	0.0037 U
alpha-Chlordane	0.0023 U	0.0025 U	0.0038 U	0.0021 U	0.0037 U
beta-BHC	0.004 J	0.0025 U	0.0092 J	0.0021 U	0.079 J
delta-BHC	0.0023 U	0.0025 U	0.0038 U	0.0021 U	0.0037 U
gamma-Chlordane	0.0023 U	0.0025 U	0.0038 U	0.0021 U	0.0037 U

Table I-14. Sediment Pesticides and PCBs (continued)

Location	Kelly's Pond and Exit Drainages Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	LL2-182	LL2-183	LL2-183	LL2-185	LL2-212
Sample ID	LL21175	LL21001	LL21002	LL21007	LL21052
Customer ID	LL2sd-182-1175-SD	LL2sd-183-1001-SD	LL2sd-183-1002-SD	LL2sd-185-1007-SD	LL2sd-212-1052-SD
Date	07/31/2001	07/27/2001	07/27/2001	07/27/2001	07/27/2001
Depth (ft)	0 - 0.5	0.5 - 1.0	0 - 0.5	0 - 0.5	0 - 0.5
Field Type	Field Duplicate	Grab	Grab	Grab	Grab
Analyte (mg/kg)					
4,4'-DDD					0.0021 U
4,4'-DDE					0.0021 U
4,4'-DDT					0.0021 U
Aldrin					0.0021 U
Dieldrin					0.0021 U
Endosulfan I					0.0021 U
Endosulfan II					0.0021 U
Endosulfan sulfate					0.0021 U
Endrin					0.0021 U
Endrin aldehyde					0.0021 U
Endrin ketone					0.0021 U
Heptachlor					0.0021 U
Heptachlor epoxide					0.0021 U
Lindane					0.0021 U
Methoxychlor					0.0042 U
PCB-1016	0.037 U	0.11 U	0.048 U	0.041 U	0.042 U
PCB-1221	0.037 U	0.11 U	0.048 U	0.041 U	0.042 U
PCB-1232	0.037 U	0.11 U	0.048 U	0.041 U	0.042 U
PCB-1242	0.037 U	0.11 U	0.048 U	0.041 U	0.042 U
PCB-1248	0.037 U	0.11 U	0.048 U	0.041 U	0.042 U
PCB-1254	0.037 U	0.11 U	0.048 U	0.041 U	0.042 U
PCB-1260	0.037 U	0.11 U	0.048 U	0.041 U	0.042 U
Toxaphene					0.085 U
alpha-BHC					0.0021 U
alpha-Chlordane					0.0021 U
beta-BHC					0.0021 U
delta-BHC					0.0021 U
gamma-Chlordane					0.0021 U

Table I-14. Sediment Pesticides and PCBs (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	North Ditches Aggregate	North Ditches Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-231**	**LL2-232**	**LL2-233**	**LL2-234**	**LL2-245**
Sample ID	**LL21092**	**LL21094**	**LL21096**	**LL21097**	**LL21113**
Customer ID	**LL2sd-231-1092-SD**	**LL2sd-232-1094-SD**	**LL2sd-233-1096-SD**	**LL2sd-234-1097-SD**	**LL2sd-245-1113-SD**
Date	**07/29/2001**	**07/29/2001**	**07/27/2001**	**07/27/2001**	**07/30/2001**
Depth (ft)	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
4,4'-DDD	0.038 U	0.019 U	0.0024 U	0.0022 U	0.022 U
4,4'-DDE	0.038 U	0.019 U	0.0024 U	0.0022 U	0.043 J
4,4'-DDT	0.038 U	0.019 U	0.0024 U	0.0022 U	0.022 U
Aldrin	0.038 U	0.019 U	0.0024 U	0.0022 U	0.022 U
Dieldrin	0.038 U	0.019 U	0.0024 U	0.0022 U	0.022 U
Endosulfan I	0.038 U	0.019 U	0.0024 U	0.0022 U	0.022 U
Endosulfan II	0.038 U	0.019 U	0.0024 U	0.0022 U	0.022 U
Endosulfan sulfate	0.038 U	0.019 U	0.0024 U	0.0022 U	0.022 U
Endrin	0.038 U	0.019 U	0.0024 U	0.0022 U	0.022 U
Endrin aldehyde	0.038 U	0.019 U	0.0024 U	0.0022 U	0.022 U
Endrin ketone	0.038 U	0.019 U	0.0024 U	0.0022 U	0.022 U
Heptachlor	0.038 U	0.019 U	0.0024 U	0.0022 U	0.022 U
Heptachlor epoxide	0.038 U	0.019 U	0.0024 U	0.0022 U	0.022 U
Lindane	0.038 U	0.019 U	0.0024 U	0.0022 U	0.022 U
Methoxychlor	0.074 U	0.036 U	0.0048 U	0.0043 U	0.043 U
PCB-1016	0.74 U	0.036 U	0.048 U	0.043 U	0.043 U
PCB-1221	0.74 U	0.036 U	0.048 U	0.043 U	0.043 U
PCB-1232	0.74 U	0.036 U	0.048 U	0.043 U	0.043 U
PCB-1242	0.74 U	0.036 U	0.048 U	0.043 U	0.043 U
PCB-1248	0.74 U	0.036 U	0.048 U	0.043 U	0.043 U
PCB-1254	0.74 U	0.065 =	0.048 U	0.043 U	0.47 =
PCB-1260	0.74 U	0.036 U	0.048 U	0.043 U	0.043 U
Toxaphene	1.5 UJ	0.74 U	0.097 U	0.087 U	0.87 UJ
alpha-BHC	0.038 U	0.019 U	0.0024 U	0.0022 U	0.022 U
alpha-Chlordane	0.038 U	0.019 U	0.0024 U	0.0022 U	0.022 U
beta-BHC	0.038 U	0.019 U	0.0024 U	0.0022 U	0.022 U
delta-BHC	0.038 U	0.019 U	0.0024 U	0.0022 U	0.022 U
gamma-Chlordane	0.038 U	0.019 U	0.0024 U	0.0022 U	0.022 U

Table I-14. Sediment Pesticides and PCBs (continued)

Location	Perimeter Area Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	North Ponds Aggregate
Station	**LL2-248**	**LL2-249**	**LL2-249**	**LL2-252**	**LL2-271**
Sample ID	**LL21117**	**LL21118**	**LL21170**	**LL21125**	**LL21076**
Customer ID	**LL2sd-248-1117-SD**	**LL2sd-249-1118-SD**	**LL2sd-249-1170-SD**	**LL2sd-252-1125-SD**	**LL2sd-271-1076-SD**
Date	**07/29/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/31/2001**
Depth (ft)	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**
Field Type	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**
Analyte (mg/kg)					
4,4'-DDD				0.0049 U	0.0023 U
4,4'-DDE				0.0049 U	0.0023 U
4,4'-DDT				0.0049 U	0.0023 U
Aldrin				0.0049 U	0.0023 U
Dieldrin				0.0049 U	0.0023 U
Endosulfan I				0.0049 U	0.0023 U
Endosulfan II				0.0049 U	0.0023 U
Endosulfan sulfate				0.0049 U	0.0023 U
Endrin				0.0049 U	0.0023 U
Endrin aldehyde				0.0049 U	0.0023 U
Endrin ketone				0.0049 U	0.0023 UJ
Heptachlor				0.0049 U	0.0023 U
Heptachlor epoxide				0.0049 U	0.0023 U
Lindane				0.0049 U	0.0023 U
Methoxychlor				0.0095 U	0.0044 U
PCB-1016	0.64 U	0.083 U	0.077 UJ	0.048 U	0.044 U
PCB-1221	0.64 U	0.083 U	0.077 U	0.048 U	0.044 U
PCB-1232	0.64 U	0.083 U	0.077 U	0.048 U	0.044 U
PCB-1242	0.64 U	0.083 U	0.077 U	0.048 U	0.044 U
PCB-1248	0.64 U	0.083 U	0.077 U	0.048 U	0.044 U
PCB-1254	5.7 =	0.083 U	0.077 U	0.048 U	0.044 U
PCB-1260	0.64 U	0.083 U	0.077 UJ	0.048 U	0.044 U
Toxaphene				0.19 U	0.09 UJ
alpha-BHC				0.0049 U	0.0023 U
alpha-Chlordane				0.0049 U	0.0023 U
beta-BHC				0.012 J	0.0023 U
delta-BHC				0.0049 U	0.0023 U
gamma-Chlordane				0.0049 U	0.0023 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-15. Sediment Semivolatile Organic Compounds

Location	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Preparation and Receiving Areas Aggregate	Explosives Handling Areas Aggregate
Station	LL2sd/sw-052(p)	LL2sd/sw-053(p)	LL2-054(p2)	LL2sd/sw-055(p)	LL2-182	LL2-212	LL2-231
Sample ID	LL21127	LL21129	LL21131	LL21133	LL20998	LL21052	LL21092
Customer ID	LL2sd-052-1127-SD	LL2sd-053-1129-SD	LL2sd-054-1131-SD	LL2sd-055-1133-SD	LLsd-182-0998-SD	LL2sd-212-1052-SD	LL2sd-231-1092-SD
Date	07/30/2001	07/30/2001	07/30/2001	07/31/2001	07/31/2001	07/27/2001	07/29/2001
Depth (ft)	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
Field Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte (mg/kg)							
1,2,4-Trichlorobenzene	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
1,2-Dichlorobenzene	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
1,3-Dichlorobenzene	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
1,4-Dichlorobenzene	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
2,4,5-Trichlorophenol	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
2,4,6-Trichlorophenol	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
2,4-Dichlorophenol	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
2,4-Dimethylphenol	0.44 UJ	0.48 UJ	0.37 UJ	0.42 U	0.36 UJ	0.42 U	0.37 UJ
2,4-Dinitrophenol	1.1 U	1.2 U	0.9 U	1 U	0.88 U	1 U	0.9 U
2,4-Dinitrotoluene	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
2,6-Dinitrotoluene	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
2-Chloronaphthalene	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
2-Chlorophenol	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
2-Methyl-4,6-dinitrophenol	1.1 U	1.2 U	0.9 U	1 U	0.88 U	1 U	0.9 U
2-Methylnaphthalene	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
2-Methylphenol	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
2-Nitrobenzenamine	1.1 U	1.2 U	0.9 U	1 U	0.88 U	1 U	0.9 U
2-Nitrophenol	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
3,3'-Dichlorobenzidine	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
3-Nitrobenzenamine	1.1 U	1.2 U	0.9 U	1 U	0.88 U	1 U	0.9 U
4-Bromophenyl phenyl ether	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
4-Chloro-3-methylphenol	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U

Table I-15. Sediment Semivolatile Organic Compounds (continued)

Location	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Preparation and Receiving Areas Aggregate	Explosives Handling Areas Aggregate
Station	LL2sd/sw-052(p)	LL2sd/sw-053(p)	LL2-054(p2)	LL2sd/sw-055(p)	LL2-182	LL2-212	LL2-231
Sample ID	LL21127	LL21129	LL21131	LL21133	LL20998	LL21052	LL21092
Customer ID	LL2sd-052-1127-SD	LL2sd-053-1129-SD	LL2sd-054-1131-SD	LL2sd-055-1133-SD	LLsd-182-0998-SD	LL2sd-212-1052-SD	LL2sd-231-1092-SD
Date	07/30/2001	07/30/2001	07/30/2001	07/31/2001	07/31/2001	07/27/2001	07/29/2001
Depth (ft)	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
Field Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte (mg/kg)							
Di-n-butyl phthalate	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
Di-n-octylphthalate	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
Dibenz(a,h)anthracene	0.44 U	0.48 U	0.37 U	0.42 U	0.082 J	0.42 U	0.37 U
Dibenzofuran	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
Diethyl phthalate	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
Dimethyl phthalate	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
Fluoranthene	0.085 J	0.41 J	0.072 J	0.096 J	0.94 J	0.42 U	0.37 U
Fluorene	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
Hexachlorobenzene	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
Hexachlorobutadiene	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
Hexachlorocyclopentadiene	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
Hexachloroethane	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
Indeno(1,2,3-cd)pyrene	0.44 U	0.11 J	0.37 U	0.42 U	0.22 J	0.42 U	0.37 U
Isophorone	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
N-Nitroso-di-n-propylamine	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
N-Nitrosodiphenylamine	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
Naphthalene	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
Nitrobenzene	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
Pentachlorophenol	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
Phenanthrene	0.44 U	0.18 J	0.37 U	0.42 U	0.5 J	0.42 U	0.37 U
Phenol	0.44 U	0.48 U	0.37 U	0.42 U	0.36 U	0.42 U	0.37 U
Pyrene	0.071 J	0.34 J	0.06 J	0.083 J	0.84 J	0.42 U	0.37 U

Table I-15. Sediment Semivolatile Organic Compounds (continued)

Location	Explosives Handling Areas Aggregate	North Ditches Aggregate	North Ditches Aggregate	Explosives Handling Areas Aggregate	Preparation and Receiving Areas Aggregate	North Ponds Aggregate
Station	LL2-232	LL2-233	LL2-234	LL2-245	LL2-252	LL2-271
Sample ID	LL21094	LL21096	LL21097	LL21113	LL21125	LL21076
Customer ID	LL2sd-232-1094-SD	LL2sd-233-1096-SD	LL2sd-234-1097-SD	LL2sd-245-1113-SD	LL2sd-252-1125-SD	LL2sd-271-1076-SD
Date	07/29/2001	07/27/2001	07/27/2001	07/30/2001	07/30/2001	07/31/2001
Depth (ft)	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
Field Type	Grab	Grab	Grab	Grab	Grab	Grab
Analyte (mg/kg)						
1,2,4-Trichlorobenzene	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
1,2-Dichlorobenzene	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
1,3-Dichlorobenzene	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
1,4-Dichlorobenzene	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
2,4,5-Trichlorophenol	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
2,4,6-Trichlorophenol	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
2,4-Dichlorophenol	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
2,4-Dimethylphenol	0.36 UJ	0.48 U	0.43 U	0.43 UJ	0.48 UJ	0.44 U
2,4-Dinitrophenol	0.88 U	1.2 U	1 U	1 U	1.2 U	1.1 U
2,4-Dinitrotoluene	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
2,6-Dinitrotoluene	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
2-Chloronaphthalene	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
2-Chlorophenol	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
2-Methyl-4,6-dinitrophenol	0.88 U	1.2 U	1 U	1 U	1.2 U	1.1 U
2-Methylnaphthalene	0.069 J	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
2-Methylphenol	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
2-Nitrobenzenamine	0.88 U	1.2 U	1 U	1 U	1.2 U	1.1 U
2-Nitrophenol	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
3,3'-Dichlorobenzidine	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
3-Nitrobenzenamine	0.88 U	1.2 U	1 U	1 U	1.2 U	1.1 U
4-Bromophenyl phenyl ether	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
4-Chloro-3-methylphenol	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U

Table I-15. Sediment Semivolatile Organic Compounds (continued)

Location	Explosives Handling Areas Aggregate	North Ditches Aggregate	North Ditches Aggregate	Explosives Handling Areas Aggregate	Preparation and Receiving Areas Aggregate	North Ponds Aggregate
Station	**LL2-232**	**LL2-233**	**LL2-234**	**LL2-245**	**LL2-252**	**LL2-271**
Sample ID	**LL21094**	**LL21096**	**LL21097**	**LL21113**	**LL21125**	**LL21076**
Customer ID	**LL2sd-232-1094-SD**	**LL2sd-233-1096-SD**	**LL2sd-234-1097-SD**	**LL2sd-245-1113-SD**	**LL2sd-252-1125-SD**	**LL2sd-271-1076-SD**
Date	**07/29/2001**	**07/27/2001**	**07/27/2001**	**07/30/2001**	**07/30/2001**	**07/31/2001**
Depth (ft)	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)						
4-Chlorobenzenamine	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
4-Chlorophenyl phenyl ether	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
4-Methylphenol	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
4-Nitrobenzenamine	0.88 U	1.2 U	1 U	1 U	1.2 U	1.1 U
4-Nitrophenol	0.88 U	1.2 U	1 U	1 U	1.2 U	1.1 U
Acenaphthene	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Acenaphthylene	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Anthracene	0.36 U	0.48 U	0.43 U	0.072 J	0.48 U	0.44 U
Benz(a)anthracene	0.13 J	0.48 U	0.43 U	0.19 J	0.48 U	0.44 U
Benzenemethanol	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Benzo(a)pyrene	0.25 J	0.48 U	0.43 U	0.18 J	0.48 U	0.44 U
Benzo(b)fluoranthene	0.41 =	0.48 U	0.43 U	0.21 J	0.09 J	0.44 U
Benzo(ghi)perylene	0.19 J	0.48 U	0.43 U	0.11 J	0.48 U	0.44 U
Benzo(k)fluoranthene	0.35 J	0.48 U	0.43 U	0.12 J	0.48 U	0.44 U
Benzoic acid	0.24 J	2.3 U	2.1 U	2.1 U	2.3 U	2.1 UJ
Bis(2-chloroethoxy)methane	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Bis(2-chloroethyl) ether	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Bis(2-chloroisopropyl) ether	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Bis(2-ethylhexyl)phthalate	0.081 J	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Butyl benzyl phthalate	0.087 J	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Carbazole	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Chrysene	0.34 J	0.48 U	0.43 U	0.27 J	0.076 J	0.44 U

Table I-15. Sediment Semivolatile Organic Compounds (continued)

Location	Explosives Handling Areas Aggregate	North Ditches Aggregate	North Ditches Aggregate	Explosives Handling Areas Aggregate	Preparation and Receiving Areas Aggregate	North Ponds Aggregate
Station	**LL2-232**	**LL2-233**	**LL2-234**	**LL2-245**	**LL2-252**	**LL2-271**
Sample ID	**LL21094**	**LL21096**	**LL21097**	**LL21113**	**LL21125**	**LL21076**
Customer ID	**LL2sd-232-1094-SD**	**LL2sd-233-1096-SD**	**LL2sd-234-1097-SD**	**LL2sd-245-1113-SD**	**LL2sd-252-1125-SD**	**LL2sd-271-1076-SD**
Date	**07/29/2001**	**07/27/2001**	**07/27/2001**	**07/30/2001**	**07/30/2001**	**07/31/2001**
Depth (ft)	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)						
Di-n-butyl phthalate	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Di-n-octylphthalate	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Dibenz(a,h)anthracene	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Dibenzofuran	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Diethyl phthalate	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Dimethyl phthalate	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Fluoranthene	0.44 =	0.48 U	0.43 U	0.53 =	0.14 J	0.44 U
Fluorene	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Hexachlorobenzene	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Hexachlorobutadiene	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Hexachlorocyclopentadiene	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Hexachloroethane	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Indeno(1,2,3-cd)pyrene	0.15 J	0.48 U	0.43 U	0.096 J	0.48 U	0.44 U
Isophorone	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
N-Nitroso-di-n-propylamine	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
N-Nitrosodiphenylamine	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Naphthalene	0.06 J	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Nitrobenzene	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Pentachlorophenol	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Phenanthrene	0.28 J	0.48 U	0.43 U	0.38 J	0.48 U	0.44 U
Phenol	0.36 U	0.48 U	0.43 U	0.43 U	0.48 U	0.44 U
Pyrene	0.39 =	0.48 U	0.43 U	0.46 =	0.12 J	0.44 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-16. Sediment Volatile Organic Compounds

Location	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL2sd/sw-052(p)**	**LL2-054(p2)**	**LL2sd/sw-055(p)**	**LL2-182**	**LL2-212**
Sample ID	**LL21127**	**LL21131**	**LL21133**	**LL20998**	**LL21052**
Customer ID	**LL2sd-052-1127-SD**	**LL2sd-054-1131-SD**	**LL2sd-055-1133-SD**	**LLsd-182-0998-SD**	**LL2sd-212-1052-SD**
Date	**07/30/2001**	**07/30/2001**	**07/31/2001**	**07/31/2001**	**07/27/2001**
Depth (ft)	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
1,1,1-Trichloroethane	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
1,1,2,2-Tetrachloroethane	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
1,1,2-Trichloroethane	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
1,1-Dichloroethane	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
1,1-Dichloroethene	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
1,2-Dibromoethane	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
1,2-Dichloroethane	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
1,2-Dichloroethene	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
1,2-Dichloropropane	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
2-Butanone	0.027 U	0.022 U	0.025 U	0.022 U	0.025 U
2-Hexanone	0.027 U	0.022 U	0.025 U	0.022 U	0.025 U
4-Methyl-2-pentanone	0.027 U	0.022 U	0.025 U	0.022 U	0.025 U
Acetone	0.027 UJ	0.022 UJ	0.025 UJ	0.022 UJ	0.025 U
Benzene	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
Bromochloromethane	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
Bromodichloromethane	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
Bromoform	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
Bromomethane	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
Carbon disulfide	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
Carbon tetrachloride	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
Chlorobenzene	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
Chloroethane	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
Chloroform	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
Chloromethane	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
Dibromochloromethane	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
Dimethylbenzene	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
Ethylbenzene	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
Methylene chloride	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
Styrene	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
Tetrachloroethene	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
Toluene	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0086 =
Trichloroethene	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
Vinyl chloride	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
cis-1,3-Dichloropropene	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U
trans-1,3-Dichloropropene	0.0067 U	0.0056 U	0.0063 U	0.0055 U	0.0063 U

Table I-16. Sediment Volatile Organic Compounds (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	North Ditches Aggregate	North Ditches Aggregate	Explosives Handling Areas Aggregate
Station	**LL2-231**	**LL2-232**	**LL2-233**	**LL2-234**	**LL2-245**
Sample ID	**LL21092**	**LL21094**	**LL21096**	**LL21097**	**LL21113**
Customer ID	**LL2sd-231-1092-SD**	**LL2sd-232-1094-SD**	**LL2sd-233-1096-SD**	**LL2sd-234-1097-SD**	**LL2sd-245-1113-SD**
Date	**07/29/2001**	**07/29/2001**	**07/27/2001**	**07/27/2001**	**07/30/2001**
Depth (ft)	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
1,1,1-Trichloroethane	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
1,1,2,2-Tetrachloroethane	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
1,1,2-Trichloroethane	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
1,1-Dichloroethane	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
1,1-Dichloroethene	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
1,2-Dibromoethane	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
1,2-Dichloroethane	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
1,2-Dichloroethene	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
1,2-Dichloropropane	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
2-Butanone	0.023 U	2.8 U	0.029 U	0.026 U	0.026 U
2-Hexanone	0.023 U	2.8 U	0.029 U	0.026 U	0.026 U
4-Methyl-2-pentanone	0.023 U	2.8 U	0.029 U	0.026 U	0.026 U
Acetone	0.023 U	2.8 U	0.02 J	0.003 J	0.0065 J
Benzene	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
Bromochloromethane	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
Bromodichloromethane	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
Bromoform	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
Bromomethane	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
Carbon disulfide	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
Carbon tetrachloride	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
Chlorobenzene	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
Chloroethane	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
Chloroform	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
Chloromethane	0.0056 U	0.69 UJ	0.0072 U	0.0065 U	0.0065 U
Dibromochloromethane	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
Dimethylbenzene	0.0056 UJ	0.69 U	0.0072 U	0.0065 U	0.0065 UJ
Ethylbenzene	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
Methylene chloride	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
Styrene	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
Tetrachloroethene	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
Toluene	0.018 =	3.7 =	0.0072 U	0.0065 U	0.0065 U
Trichloroethene	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
Vinyl chloride	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
cis-1,3-Dichloropropene	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U
trans-1,3-Dichloropropene	0.0056 U	0.69 U	0.0072 U	0.0065 U	0.0065 U

Table I-16. Sediment Volatile Organic Compounds (continued)

Location	Preparation and Receiving Areas Aggregate	North Ponds Aggregate
Station	**LL2-252**	**LL2-271**
Sample ID	**LL21125**	**LL21076**
Customer ID	**LL2sd-252-1125-SD**	**LL2sd-271-1076-SD**
Date	**07/30/2001**	**07/31/2001**
Depth (ft)	**0-0.5**	**0-0.5**
Field Type	**Grab**	**Grab**
Analyte (mg/kg)		
1,1,1-Trichloroethane	0.0072 U	0.0067 U
1,1,2,2-Tetrachloroethane	0.0072 U	0.0067 U
1,1,2-Trichloroethane	0.0072 U	0.0067 U
1,1-Dichloroethane	0.0072 U	0.0067 U
1,1-Dichloroethene	0.0072 U	0.0067 U
1,2-Dibromoethane	0.0072 U	0.0067 U
1,2-Dichloroethane	0.0072 U	0.0067 U
1,2-Dichloroethene	0.0072 U	0.0067 U
1,2-Dichloropropane	0.0072 U	0.0067 U
2-Butanone	0.029 U	0.027 U
2-Hexanone	0.029 U	0.027 U
4-Methyl-2-pentanone	0.029 U	0.027 U
Acetone	0.029 U	0.027 UJ
Benzene	0.0072 U	0.0067 U
Bromochloromethane	0.0072 U	0.0067 U
Bromodichloromethane	0.0072 U	0.0067 U
Bromoform	0.0072 U	0.0067 U
Bromomethane	0.0072 U	0.0067 U
Carbon disulfide	0.0072 U	0.0067 U
Carbon tetrachloride	0.0072 U	0.0067 U
Chlorobenzene	0.0072 U	0.0067 U
Chloroethane	0.0072 U	0.0067 U
Chloroform	0.0072 U	0.0067 U
Chloromethane	0.0072 U	0.0067 U
Dibromochloromethane	0.0072 U	0.0067 U
Dimethylbenzene	0.0072 UJ	0.0067 U
Ethylbenzene	0.0072 U	0.0067 U
Methylene chloride	0.0072 U	0.0067 U
Styrene	0.0072 U	0.0067 U
Tetrachloroethene	0.0072 U	0.0067 U
Toluene	0.0072 U	0.0067 U
Trichloroethene	0.0072 U	0.0067 U
Vinyl chloride	0.0072 U	0.0067 U
cis-1,3-Dichloropropene	0.0072 U	0.0067 U
trans-1,3-Dichloropropene	0.0072 U	0.0067 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-17. Sediment Total Organic Carbon

Location	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	North Ditches Aggregate	Explosives Handling Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	LL2sd/sw-053(p)	LL2-054(p2)	LL2sd/sw-055(p)	LL2-233	LL2-245	LL2-249	LL2-252
Sample ID	LL21129	LL21131	LL21133	LL21096	LL21113	LL21118	LL21125
Customer ID	LL2sd-053-1129-SD	LL2sd-054-1131-SD	LL2sd-055-1133-SD	LL2sd-233-1096-SD	LL2sd-245-1113-SD	LL2sd-249-1118-SD	LL2sd-252-1125-SD
Date	07/30/2001	07/30/2001	07/31/2001	07/27/2001	07/30/2001	07/30/2001	07/30/2001
Depth (ft)	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Field Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte (mg/kg)							
Total Organic Carbon	9700 J	8800 J	2900 J	4700 =	9000 =	39000 =	24000 =

= - detected, J - estimated, U - not detected, R - rejected.

Table I-18. Surface Water Inorganics

Location	Miscellaneous Water Samples Aggregate	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Miscellaneous Water Samples Aggregate
Station	**LL2-048(p2)**	**LL2sd/sw-052(p)**	**LL2sd/sw-053(p)**	**LL2sd/sw-053(p)**	**LL2sd/sw-055(p)**	**LL2-249**
Sample ID	**LL21124**	**LL21128**	**LL21006**	**LL21130**	**LL21134**	**LL21119**
Customer ID	**LL2sw-048-1124-SW**	**LL2sw-052-1128-SW**	**LL2sw-053-1006-SW**	**LL2sw-053-1130-SW**	**LL2sw-055-1134-SW**	**LL2sw-249-1119-SW**
Date	**07/27/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**
Filtered	**Total**	**Total**	**Total**	**Total**	**Total**	**Total**
Field Type	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**
Analyte (mg/l)						
Aluminum	0.3 =	0.51 J		0.27 J	0.42 J	2.6 =
Antimony	0.01 U	0.014 = *		0.015 = *	0.01 U	0.01 U
Arsenic	0.0062 J *	0.015 U		0.015 U	0.015 U	0.0092 J *
Barium	0.1 = *	0.037 =		0.029 =	0.03 =	0.24 = *
Beryllium	0.005 U	0.005 U		0.005 U	0.005 U	0.00069 U
Cadmium	0.005 U	0.00028 J *		0.005 U	0.005 U	0.005 U
Calcium	54.6 = *	30 =		30.6 =	44.2 = *	48.1 = *
Chromium	0.005 U	0.005 U		0.005 U	0.005 U	0.0025 J *
Chromium, hexavalent		0.02 U	0.02 U	0.02 U	0.02 U	
Cobalt	0.0018 U	0.005 U		0.005 U	0.005 U	0.0026 J *
Copper	0.015 U	0.0042 J		0.015 U	0.015 U	0.0054 J
Cyanide		0.01 U		0.01 U		
Iron	2.3 =	0.63 =		0.29 =	0.7 =	6.2 = *
Lead	0.01 U	0.01 U		0.01 U	0.01 U	0.0086 J *
Magnesium	9.4 =	3.5 J		3.7 J	12.9 = *	8.2 =
Manganese	4.9 = *	0.071 =		0.055 =	0.097 =	3 = *
Mercury	0.0002 U	0.0002 U		0.0002 U	0.0002 U	0.000071 J *
Nickel	0.0041 J *	0.025 U		0.025 U	0.025 U	0.0062 J *
Potassium	5.6 = *	2.6 J		2.6 J	2.2 J	7.9 = *
Selenium	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U
Silver	0.005 U	0.005 U		0.005 U	0.0015 U	0.005 U
Sodium	4.4 J	1.9 J		1.9 J	7.4 =	8.5 =
Thallium	0.4 = *	0.002 UJ		0.002 UJ	0.002 UJ	0.002 UJ
Vanadium	0.007 U	0.0024 J *		0.0017 J *	0.007 U	0.0042 J *
Zinc	0.016 J	0.016 J		0.04 U	0.04 U	0.066 = *

* - exceeds site-wide background criteria.
= - detected, J - estimated, U - not detected, R - rejected

Table I-19. Surface Water Explosives and Propellants

Location	Miscellaneous Water Samples Aggregate	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Miscellaneous Water Samples Aggregate
Station	**LL2-048(p2)**	**LL2sd/sw-052(p)**	**LL2sd/sw-053(p)**	**LL2sd/sw-055(p)**	**LL2-249**
Sample ID	**LL21124**	**LL21128**	**LL21130**	**LL21134**	**LL21119**
Customer ID	**LL2sw-048-1124-SW**	**LL2sw-052-1128-SW**	**LL2sw-053-1130-SW**	**LL2sw-055-1134-SW**	**LL2sw-249-1119-SW**
Date	**07/27/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**
Filtered	**Total**	**Total**	**Total**	**Total**	**Total**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/l)					
1,3,5-Trinitrobenzene	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
1,3-Dinitrobenzene	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
2,4,6-Trinitrotoluene	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
2,4-Dinitrotoluene	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U
2,6-Dinitrotoluene	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U
2-Amino-4,6-dinitrotoluene	0.0002 U	0.0002 U	0.0002 U	0.001 =	0.0002 U
2-Nitrotoluene	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
3-Nitrotoluene	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
4-Amino-2,6-dinitrotoluene	0.0002 U	0.0002 U	0.0002 U	0.0013 =	0.0002 U
4-Nitrotoluene	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
HMX	0.0033 U	0.0005 U	0.0005 U	0.0007 =	0.0005 U
Nitrobenzene	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nitroglycerin	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
RDX	0.0006 U	0.0005 U	0.0005 U	0.0024 =	0.0005 U
Tetryl	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-20. Surface Water Pesticides and PCBs

Location	Miscellaneous Water Samples Aggregate	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate	Miscellaneous Water Samples Aggregate
Station	**LL2-048(p2)**	**LL2sd/sw-052(p)**	**LL2sd/sw-053(p)**	**LL2sd/sw-055(p)**	**LL2-249**
Sample ID	**LL21124**	**LL21128**	**LL21130**	**LL21134**	**LL21119**
Customer ID	**LL2sw-048-1124-SW**	**LL2sw-052-1128-SW**	**LL2sw-053-1130-SW**	**LL2sw-055-1134-SW**	**LL2sw-249-1119-SW**
Date	**07/27/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**
Filtered	**Total**	**Total**	**Total**	**Total**	**Total**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/l)					
4,4'-DDD		0.00005 U		0.00005 U	
4,4'-DDE		0.00005 U		0.00005 U	
4,4'-DDT		0.00005 UJ		0.00005 UJ	
Aldrin		0.00005 U		0.00005 U	
Dieldrin		0.00005 U		0.00005 U	
Endosulfan I		0.00005 U		0.00005 U	
Endosulfan II		0.00005 U		0.00005 U	
Endosulfan sulfate		0.00005 U		0.00005 U	
Endrin		0.00005 U		0.00005 U	
Endrin aldehyde		0.00005 U		0.00005 U	
Endrin ketone		0.00005 U		0.00005 U	
Heptachlor		0.00005 UJ		0.00005 UJ	
Heptachlor epoxide		0.00005 U		0.00005 U	
Lindane		0.00005 U		0.00005 U	
Methoxychlor		0.0001 UJ		0.0001 UJ	
PCB-1016	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1221	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1232	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1242	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1248	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1254	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1260	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Toxaphene		0.002 U		0.002 U	
alpha-BHC		0.00005 U		0.00005 U	
alpha-Chlordane		0.00005 U		0.00005 U	
beta-BHC		0.00005 U		0.00005 U	
delta-BHC		0.00005 U		0.00005 U	
gamma-Chlordane		0.00005 U		0.00005 U	

= - detected, J - estimated, U - not detected, R - rejected.

Table I-21. Surface Water Semivolatile Organic Compounds

Location	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate
Station	**LL2sd/sw-052(p)**	**LL2sd/sw-055(p)**
Sample ID	**LL21128**	**LL21134**
Customer ID	**LL2sw-052-1128-SW**	**LL2sw-055-1134-SW**
Date	**07/30/2001**	**07/30/2001**
Filtered	**Total**	**Total**
Field Type	**Grab**	**Grab**
Analyte (mg/l)		
1,2,4-Trichlorobenzene	0.01 U	0.01 U
1,2-Dichlorobenzene	0.01 U	0.01 U
1,3-Dichlorobenzene	0.01 U	0.01 U
1,4-Dichlorobenzene	0.01 U	0.01 U
2,4,5-Trichlorophenol	0.01 U	0.01 U
2,4,6-Trichlorophenol	0.01 U	0.01 U
2,4-Dichlorophenol	0.01 U	0.01 U
2,4-Dimethylphenol	0.01 U	0.01 U
2,4-Dinitrophenol	0.025 U	0.025 U
2,4-Dinitrotoluene	0.01 U	0.01 U
2,6-Dinitrotoluene	0.01 U	0.01 U
2-Chloronaphthalene	0.01 U	0.01 U
2-Chlorophenol	0.01 U	0.01 U
2-Methyl-4,6-dinitrophenol	0.025 U	0.025 U
2-Methylnaphthalene	0.01 U	0.01 U
2-Methylphenol	0.01 U	0.01 U
2-Nitrobenzenamine	0.025 U	0.025 U
2-Nitrophenol	0.01 U	0.01 U
3,3'-Dichlorobenzidine	0.025 U	0.025 U
3-Nitrobenzenamine	0.025 U	0.025 U
4-Bromophenyl phenyl ether	0.01 U	0.01 U
4-Chloro-3-methylphenol	0.01 U	0.01 U
4-Chlorobenzenamine	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	0.01 U	0.01 U
4-Methylphenol	0.01 U	0.01 U
4-Nitrobenzenamine	0.025 U	0.025 U
4-Nitrophenol	0.025 U	0.025 U
Acenaphthene	0.01 U	0.01 U
Acenaphthylene	0.01 U	0.01 U
Anthracene	0.01 U	0.01 U
Benz(a)anthracene	0.01 U	0.01 U
Benzenemethanol	0.01 U	0.01 U
Benzo(a)pyrene	0.01 U	0.01 U
Benzo(b)fluoranthene	0.01 U	0.01 U
Benzo(ghi)perylene	0.01 U	0.01 U
Benzo(k)fluoranthene	0.01 U	0.01 U
Benzoic acid	0.035 U	0.035 U
Bis(2-chloroethoxy)methane	0.01 U	0.01 U
Bis(2-chloroethyl) ether	0.01 U	0.01 U

Table I-21. Surface Water Semivolatile Organic Compounds (continued)

Location	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate
Station	**LL2sd/sw-052(p)**	**LL2sd/sw-055(p)**
Sample ID	**LL21128**	**LL21134**
Customer ID	**LL2sw-052-1128-SW**	**LL2sw-055-1134-SW**
Date	**07/30/2001**	**07/30/2001**
Filtered	**Total**	**Total**
Field Type	**Grab**	**Grab**
Analyte (mg/l)		
Bis(2-chloroisopropyl) ether	0.01 U	0.01 U
Bis(2-ethylhexyl)phthalate	0.0028 J	0.01 U
Butyl benzyl phthalate	0.01 U	0.01 U
Carbazole	0.01 U	0.01 U
Chrysene	0.01 U	0.01 U
Di-n-butyl phthalate	0.01 U	0.01 U
Di-n-octylphthalate	0.01 U	0.01 U
Dibenz(a,h)anthracene	0.01 U	0.01 U
Dibenzofuran	0.01 U	0.01 U
Diethyl phthalate	0.01 U	0.01 U
Dimethyl phthalate	0.01 R	0.01 R
Fluoranthene	0.01 U	0.01 U
Fluorene	0.01 U	0.01 U
Hexachlorobenzene	0.01 U	0.01 U
Hexachlorobutadiene	0.01 U	0.01 U
Hexachlorocyclopentadiene	0.01 R	0.01 R
Hexachloroethane	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	0.01 U	0.01 U
Isophorone	0.01 U	0.01 U
N-Nitroso-di-n-propylamine	0.01 U	0.01 U
N-Nitrosodiphenylamine	0.01 U	0.01 U
Naphthalene	0.01 U	0.01 U
Nitrobenzene	0.01 U	0.01 U
Pentachlorophenol	0.01 U	0.01 U
Phenanthrene	0.01 U	0.01 U
Phenol	0.01 U	0.01 U
Pyrene	0.01 U	0.01 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-22. Surface Water Volatile Organic Compounds

Location	Kelly's Pond and Exit Drainages Aggregate	Kelly's Pond and Exit Drainages Aggregate
Station	LL2sd/sw-053(p)	LL2sd/sw-055(p)
Sample ID	LL21130	LL21134
Customer ID	LL2sw-053-1130-SW	LL2sw-055-1134-SW
Date	07/30/2001	07/30/2001
Filtered	Total	Total
Field Type	Grab	Grab
Analyte (mg/l)		
1,1,1-Trichloroethane	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	0.001 U	0.001 U
1,1,2-Trichloroethane	0.001 U	0.001 U
1,1-Dichloroethane	0.001 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U
1,2-Dibromoethane	0.001 U	0.001 U
1,2-Dichloroethane	0.001 U	0.001 U
1,2-Dichloroethene	0.001 U	0.001 U
1,2-Dichloropropane	0.001 U	0.001 U
2-Butanone	0.01 U	0.01 U
2-Hexanone	0.01 U	0.01 U
4-Methyl-2-pentanone	0.01 U	0.01 U
Acetone	0.0012 UJ	0.01 U
Benzene	0.001 U	0.001 U
Bromochloromethane	0.001 U	0.001 U
Bromodichloromethane	0.001 U	0.001 U
Bromoform	0.001 U	0.001 U
Bromomethane	0.001 U	0.001 U
Carbon disulfide	0.0023 =	0.001 U
Carbon tetrachloride	0.001 U	0.001 U
Chlorobenzene	0.001 U	0.001 U
Chloroethane	0.001 U	0.001 U
Chloroform	0.001 U	0.001 U
Chloromethane	0.001 U	0.001 U
Dibromochloromethane	0.001 U	0.001 U
Dimethylbenzene	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U
Methylene chloride	0.001 U	0.001 U
Styrene	0.001 U	0.001 U
Tetrachloroethene	0.001 U	0.001 U
Toluene	0.001 U	0.001 U
Trichloroethene	0.001 U	0.001 U
Vinyl chloride	0.001 U	0.001 U
cis-1,3-Dichloropropene	0.001 U	0.001 U
trans-1,3-Dichloropropene	0.001 U	0.001 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-23. Groundwater Inorganics

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	LL2mw-059	LL2mw-060	LL2mw-261	LL2mw-262	LL2mw-263	LL2mw-264	LL2mw-265
Sample ID	LL21155	LL21156	LL21145	LL21146	LL21147	LL21148	LL21149
Customer ID	LL2mw-059-1155-GW	LL2mw-060-1156-GW	LL2mw-261-1145-GW	LL2mw-262-1146-GW	LL2mw-263-1147-GW	LL2mw-264-1148-GW	LL2mw-265-1149-GW
Date	09/20/2001	09/19/2001	09/10/2001	09/07/2001	09/07/2001	09/10/2001	09/19/2001
Filtered	Dissolved	Dissolved	Dissolved	Dissolved	Dissolved	Dissolved	Dissolved
Field Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte (mg/l)							
Aluminum	0.15 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.099 U
Antimony	0.01 U	0.01 U	0.0022 J *	0.01 U	0.01 U	0.01 U	0.01 U
Arsenic	0.015 U	0.015 U	0.016 = *	0.029 = *	0.02 = *	0.016 = *	0.1 = *
Barium	0.0057 J	0.021 =	0.026 =	0.041 =	0.031 =	0.014 =	0.026 =
Beryllium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cadmium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0003 U
Calcium	17.9 =	35.6 =	58.1 = *	60.5 = *	34.8 =	48.8 =	66.6 = *
Chromium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium, hexavalent[1]	0.02 U	0.02 R					0.02 R
Cobalt	0.005 U	0.005 U	0.005 U	0.0092 = *	0.0034 U	0.0039 U	0.073 = *
Copper	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U
Cyanide[1]	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Iron	0.3 U	0.3 U	0.68 =	1.2 =	2.9 = *	0.53 =	1.8 = *
Lead	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Magnesium	7 =	10.4 =	20.8 U	27.3 = *	16 = *	18.6 = *	27.6 = *
Manganese	0.13 J	0.0042 J	0.34 =	0.76 =	0.75 =	0.44 =	1.9 J *
Mercury	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	0.0039 J	0.025 U	0.01 J	0.031 =	0.011 J	0.011 J	0.3 = *
Potassium	0.91 J	0.61 U	1.4 J	2.5 J	1.1 J	0.87 J	1.4 J
Selenium	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Silver	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Sodium	6.3 =	2.7 J	8.1 =	7.3 =	6 =	10 =	7.2 =
Thallium	0.002 UJ	0.002 UJ	0.002 U	0.002 U	0.002 U	0.002 U	0.002 UJ
Vanadium	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
Zinc	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U

Table I-23. Groundwater Inorganics (continued)

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	**LL2mw-265**	**LL2mw-266**	**LL2mw-267**	**LL2mw-268**	**LL2mw-269**	**LL2mw-270**
Sample ID	**LL21187**	**LL21150**	**LL21151**	**LL21152**	**LL21153**	**LL21154**
Customer ID	**LL2mw-265-1187-GW**	**LL2mw-266-1150-GW**	**LL2mw-267-1151-GW**	**LL2mw-268-1152-GW**	**LL2mw-269-1153-GW**	**LL2mw-270-1154-GW**
Date	**09/19/2001**	**09/11/2001**	**09/10/2001**	**09/07/2001**	**09/20/2001**	**09/07/2001**
Filtered	**Dissolved**	**Dissolved**	**Dissolved**	**Dissolved**	**Dissolved**	**Dissolved**
Field Type	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/l)						
Aluminum	0.095 U	0.2 U	0.2 U	0.2 U	0.094 U	0.2 U
Antimony	0.01 U	0.008 J *	0.01 U	0.01 U	0.0047 J *	0.01 U
Arsenic	0.094 = *	0.0061 J *	0.0062 J *	0.0047 J *	0.015 U	0.015 U
Barium	0.027 =	0.037 =	0.035 =	0.036 =	0.11 =	0.014 =
Beryllium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cadmium	0.005 U	0.00031 U	0.005 U	0.005 U	0.005 U	0.005 U
Calcium	67.1 = *	41.7 =	50.2 =	60.8 = *	48.8 =	56.1 = *
Chromium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium, hexavalent[1]	0.02 R				0.02 U	
Cobalt	0.07 = *	0.0098 = *	0.0046 U	0.0015 U	0.0092 = *	0.0019 U
Copper	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U
Cyanide[1]	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Iron	1.6 = *	0.3 U	1.6 = *	1 =	1.4 =	0.3 U
Lead	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Magnesium	27.7 = *	19 = *	21.5 = *	25.1 = *	23 = *	20.8 = *
Manganese	1.9 J *	0.98 =	1.5 = *	0.29 =	1.5 J *	0.058 =
Mercury	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	0.29 = *	0.01 J	0.025 U	0.0035 J	0.024 J	0.0035 J
Potassium	1.4 J	5.8 = *	1.7 J	1.8 J	4.5 J	1.1 J
Selenium	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Silver	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Sodium	7.3 =	5.9 =	11.1 =	16.4 =	12 =	2.7 J
Thallium	0.002 UJ	0.002 U	0.002 U	0.002 U	0.002 UJ	0.002 U
Vanadium	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
Zinc	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U

* - exceeds site-wide background criteria.

= - detected, J - estimated, U - not detected, R - rejected.

1-Cyanide and hexavalent chromium were measured in unfiltered samples.

Table I-24. Groundwater Explosives and Propellants

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	LL2mw-059	LL2mw-060	LL2mw-261	LL2mw-262	LL2mw-263	LL2mw-264	LL2mw-265
Sample ID	LL21155	LL21156	LL21145	LL21146	LL21147	LL21148	LL21149
Customer ID	LL2mw-059-1155-GW	LL2mw-060-1156-GW	LL2mw-261-1145-GW	LL2mw-262-1146-GW	LL2mw-263-1147-GW	LL2mw-264-1148-GW	LL2mw-265-1149-GW
Date	09/20/2001	09/19/2001	09/10/2001	09/07/2001	09/07/2001	09/10/2001	09/19/2001
Filtered	Total	Total	Total	Total	Total	Total	Total
Field Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte (mg/l)							
1,3,5-Trinitrobenzene	0.0048 =	0.0002 U	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 U
1,3-Dinitrobenzene	0.0002 U	0.0002 U	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 U
2,4,6-Trinitrotoluene	0.0002 U	0.0002 U	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 U
2,4-Dinitrotoluene	0.00033 =	0.00013 U	0.00013 UJ	0.00013 UJ	0.00013 UJ	0.00013 UJ	0.00013 U
2,6-Dinitrotoluene	0.00023 U	0.00013 U	0.00013 UJ	0.00013 UJ	0.00013 UJ	0.00013 UJ	0.00013 U
2-Amino-4,6-dinitrotoluene	0.0011 =	0.0002 U	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 U
2-Nitrotoluene	0.0002 U	0.0002 U	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 U
3-Nitrotoluene	0.0002 U	0.0002 U	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 U
4-Amino-2,6-dinitrotoluene	0.00087 =	0.0002 U	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 U
4-Nitrotoluene	0.0002 U	0.0002 U	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 U
HMX	0.00033 J	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U
Nitrobenzene	0.0002 U	0.0002 U	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 U
Nitrocellulose	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Nitroglycerin	0.0025 U	0.0025 U	0.0025 UJ	0.0025 UJ	0.0025 UJ	0.0025 UJ	0.0025 U
Nitroguanidine	0.02 U	0.02 UJ	0.02 UJ	0.02 UJ	0.02 UJ	0.02 UJ	0.02 UJ
RDX	0.0005 U	0.0005 U	0.0005 UJ	0.00018 J	0.0005 UJ	0.0005 UJ	0.0005 U
Tetryl	0.0002 U	0.0002 U	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 U

Table I-24. Groundwater Explosives and Propellants (continued)

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	**LL2mw-265**	**LL2mw-266**	**LL2mw-267**	**LL2mw-268**	**LL2mw-269**	**LL2mw-270**
Sample ID	**LL21187**	**LL21150**	**LL21151**	**LL21152**	**LL21153**	**LL21154**
Customer ID	**LL2mw-265-1187-GW**	**LL2mw-266-1150-GW**	**LL2mw-267-1151-GW**	**LL2mw-268-1152-GW**	**LL2mw-269-1153-GW**	**LL2mw-270-1154-GW**
Date	**09/19/2001**	**09/11/2001**	**09/10/2001**	**09/07/2001**	**09/20/2001**	**09/07/2001**
Filtered	**Total**	**Total**	**Total**	**Total**	**Total**	**Total**
Field Type	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/l)						
1,3,5-Trinitrobenzene	0.0002 U	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 U	0.0002 UJ
1,3-Dinitrobenzene	0.0002 U	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 U	0.0002 UJ
2,4,6-Trinitrotoluene	0.0002 U	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 U	0.0002 UJ
2,4-Dinitrotoluene	0.00013 U	0.00013 UJ	0.00013 UJ	0.00013 UJ	0.00013 U	0.00013 UJ
2,6-Dinitrotoluene	0.00013 U	0.00013 UJ	0.00013 UJ	0.00013 UJ	0.00013 U	0.00013 UJ
2-Amino-4,6-dinitrotoluene	0.0002 U	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 U	0.0002 UJ
2-Nitrotoluene	0.0002 U	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 U	0.0002 UJ
3-Nitrotoluene	0.0002 U	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 U	0.0002 UJ
4-Amino-2,6-dinitrotoluene	0.0002 U	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 U	0.0002 UJ
4-Nitrotoluene	0.0002 U	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 U	0.0002 UJ
HMX	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 UJ
Nitrobenzene	0.0002 U	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 U	0.0002 UJ
Nitrocellulose	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Nitroglycerin	0.0025 U	0.0025 UJ	0.0025 UJ	0.0025 UJ	0.0025 U	0.0025 UJ
Nitroguanidine	0.02 UJ	0.02 UJ	0.02 UJ	0.02 UJ	0.02 U	0.02 UJ
RDX	0.0005 U	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U	0.0005 UJ
Tetryl	0.0002 U	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 U	0.0002 UJ

= - detected, J - estimated, U - not detected, R - rejected.

Table I-25. Groundwater Pesticides and PCBs

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	**LL2mw-059**	**LL2mw-060**	**LL2mw-261**	**LL2mw-262**	**LL2mw-263**	**LL2mw-264**	**LL2mw-265**	**LL2mw-265**
Sample ID	**LL21155**	**LL21156**	**LL21145**	**LL21146**	**LL21147**	**LL21148**	**LL21149**	**LL21187**
Customer ID	**LL2mw-059-1155-GW**	**LL2mw-060-1156-GW**	**LL2mw-261-1145-GW**	**LL2mw-262-1146-GW**	**LL2mw-263-1147-GW**	**LL2mw-264-1148-GW**	**LL2mw-265-1149-GW**	**LL2mw-265-1187-GW**
Date	**09/20/2001**	**09/19/2001**	**09/10/2001**	**09/07/2001**	**09/07/2001**	**09/10/2001**	**09/19/2001**	**09/19/2001**
Filtered	**Total**	**Total**	**Total**	**Total**	**Total**	**Total**	**Total**	**Total**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**
Analyte (mg/l)								
4,4'-DDD	0.00005 UJ	0.00005 UJ	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 UJ	0.00005 UJ
4,4'-DDE	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDT	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aldrin	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Dieldrin	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan I	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan II	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan sulfate	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin aldehyde	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin ketone	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor epoxide	0.00034 =	0.00022 =	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Lindane	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Methoxychlor	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
PCB-1016	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1221	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1232	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1242	0.00085 =	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.00072 =	0.0005 U
PCB-1248	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1254	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1260	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Toxaphene	0.002 U	0.002 U	0.002 UJ	0.002 UJ	0.002 UJ	0.002 UJ	0.002 U	0.002 U
alpha-BHC	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
alpha-Chlordane	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
beta-BHC	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
delta-BHC	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
gamma-Chlordane	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U

Table I-25. Groundwater Pesticides and PCBs (continued)

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	**LL2mw-266**	**LL2mw-267**	**LL2mw-268**	**LL2mw-269**	**LL2mw-270**
Sample ID	**LL21150**	**LL21151**	**LL21152**	**LL21153**	**LL21154**
Customer ID	**LL2mw-266-1150-GW**	**LL2mw-267-1151-GW**	**LL2mw-268-1152-GW**	**LL2mw-269-1153-GW**	**LL2mw-270-1154-GW**
Date	**09/11/2001**	**09/10/2001**	**09/07/2001**	**09/20/2001**	**09/07/2001**
Filtered	**Total**	**Total**	**Total**	**Total**	**Total**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/l)					
4,4'-DDD	0.00005 U	0.00005 U	0.00005 U	0.00005 UJ	0.00005 U
4,4'-DDE	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDT	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aldrin	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Dieldrin	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan I	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan II	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan sulfate	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin aldehyde	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin ketone	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor epoxide	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Lindane	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Methoxychlor	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
PCB-1016	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U
PCB-1221	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U
PCB-1232	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U
PCB-1242	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U
PCB-1248	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U
PCB-1254	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U
PCB-1260	0.0005 U	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U
Toxaphene	0.002 UJ	0.002 UJ	0.002 UJ	0.002 U	0.002 UJ
alpha-BHC	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
alpha-Chlordane	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
beta-BHC	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
delta-BHC	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U
gamma-Chlordane	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-26. Groundwater Semivolatile Organic Compounds

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	**LL2mw-059**	**LL2mw-060**	**LL2mw-261**	**LL2mw-262**	**LL2mw-263**	**LL2mw-264**	**LL2mw-265**
Sample ID	**LL21155**	**LL21156**	**LL21145**	**LL21146**	**LL21147**	**LL21148**	**LL21149**
Customer ID	**LL2mw-059-1155-GW**	**LL2mw-060-1156-GW**	**LL2mw-261-1145-GW**	**LL2mw-262-1146-GW**	**LL2mw-263-1147-GW**	**LL2mw-264-1148-GW**	**LL2mw-265-1149-GW**
Date	**09/20/2001**	**09/19/2001**	**09/10/2001**	**09/07/2001**	**09/07/2001**	**09/10/2001**	**09/19/2001**
Filtered	**Total**	**Total**	**Total**	**Total**	**Total**	**Total**	**Total**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/l)							
1,2,4-Trichlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-Dichlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,3-Dichlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,4-Dichlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4,5-Trichlorophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 R
2,4,6-Trichlorophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 R
2,4-Dichlorophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 R
2,4-Dimethylphenol	0.01 U	0.01 U	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 R
2,4-Dinitrophenol	0.025 U	0.025 U	0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 R
2,4-Dinitrotoluene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,6-Dinitrotoluene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chloronaphthalene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chlorophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 R
2-Methyl-4,6-dinitrophenol	0.025 U	0.025 U	0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 R
2-Methylnaphthalene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Methylphenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 R
2-Nitrobenzenamine	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitrophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 R
3,3'-Dichlorobenzidine	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
3-Nitrobenzenamine	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
4-Bromophenyl phenyl ether	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chloro-3-methylphenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 R
4-Chlorobenzenamine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methylphenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 R

Table I-26. Groundwater Semivolatile Organic Compounds (continued)

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	**LL2mw-059**	**LL2mw-060**	**LL2mw-261**	**LL2mw-262**	**LL2mw-263**	**LL2mw-264**	**LL2mw-265**
Sample ID	**LL21155**	**LL21156**	**LL21145**	**LL21146**	**LL21147**	**LL21148**	**LL21149**
Customer ID	**LL2mw-059-1155-GW**	**LL2mw-060-1156-GW**	**LL2mw-261-1145-GW**	**LL2mw-262-1146-GW**	**LL2mw-263-1147-GW**	**LL2mw-264-1148-GW**	**LL2mw-265-1149-GW**
Date	**09/20/2001**	**09/19/2001**	**09/10/2001**	**09/07/2001**	**09/07/2001**	**09/10/2001**	**09/19/2001**
Filtered	**Total**	**Total**	**Total**	**Total**	**Total**	**Total**	**Total**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/l)							
4-Nitrobenzenamine	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
4-Nitrophenol	0.025 U	0.025 U	0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 R
Acenaphthene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acenaphthylene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Anthracene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benz(a)anthracene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzenemethanol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 R
Benzo(a)pyrene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(b)fluoranthene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(ghi)perylene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(k)fluoranthene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzoic acid	0.035 U	0.035 U	0.035 U	0.035 U	0.035 UJ	0.035 U	0.035 R
Bis(2-chloroethoxy)methane	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Bis(2-chloroethyl) ether	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Bis(2-chloroisopropyl) ether	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Bis(2-ethylhexyl)phthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Butyl benzyl phthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Carbazole	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chrysene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-butyl phthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-octylphthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dibenz(a,h)anthracene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dibenzofuran	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Diethyl phthalate	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ
Dimethyl phthalate	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ
Fluoranthene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

Table I-26. Groundwater Semivolatile Organic Compounds (continued)

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	**LL2mw-059**	**LL2mw-060**	**LL2mw-261**	**LL2mw-262**	**LL2mw-263**	**LL2mw-264**	**LL2mw-265**
Sample ID	**LL21155**	**LL21156**	**LL21145**	**LL21146**	**LL21147**	**LL21148**	**LL21149**
Customer ID	**LL2mw-059-1155-GW**	**LL2mw-060-1156-GW**	**LL2mw-261-1145-GW**	**LL2mw-262-1146-GW**	**LL2mw-263-1147-GW**	**LL2mw-264-1148-GW**	**LL2mw-265-1149-GW**
Date	**09/20/2001**	**09/19/2001**	**09/10/2001**	**09/07/2001**	**09/07/2001**	**09/10/2001**	**09/19/2001**
Filtered	**Total**	**Total**	**Total**	**Total**	**Total**	**Total**	**Total**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/l)							
Fluorene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorocyclopentadiene	0.01 R	0.01 R	0.01 R	0.01 R	0.01 R	0.01 R	0.01 R
Hexachloroethane	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Isophorone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitroso-di-n-propylamine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodiphenylamine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Naphthalene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 R
Phenanthrene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 R
Pyrene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

Table I-26. Groundwater Semivolatile Organic Compounds (continued)

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	LL2mw-265	LL2mw-266	LL2mw-267	LL2mw-268	LL2mw-269	LL2mw-270
Sample ID	LL21187	LL21150	LL21151	LL21152	LL21153	LL21154
Customer ID	LL2mw-265-1187-GW	LL2mw-266-1150-GW	LL2mw-267-1151-GW	LL2mw-268-1152-GW	LL2mw-269-1153-GW	LL2mw-270-1154-GW
Date	09/19/2001	09/11/2001	09/10/2001	09/07/2001	09/20/2001	09/07/2001
Filtered	Total	Total	Total	Total	Total	Total
Field Type	Field Duplicate	Grab	Grab	Grab	Grab	Grab
Analyte (mg/l)						
1,2,4-Trichlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-Dichlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,3-Dichlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,4-Dichlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4,5-Trichlorophenol	0.01 R	0.01 U	0.01 UJ	0.01 U	0.01 R	0.01 U
2,4,6-Trichlorophenol	0.01 R	0.01 U	0.01 UJ	0.01 U	0.01 R	0.01 U
2,4-Dichlorophenol	0.01 R	0.01 U	0.01 UJ	0.01 U	0.01 R	0.01 U
2,4-Dimethylphenol	0.01 R	0.01 UJ	0.01 UJ	0.01 UJ	0.01 R	0.01 UJ
2,4-Dinitrophenol	0.025 R	0.025 U	0.025 UJ	0.025 U	0.025 R	0.025 U
2,4-Dinitrotoluene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,6-Dinitrotoluene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chloronaphthalene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chlorophenol	0.01 R	0.01 U	0.01 UJ	0.01 U	0.01 R	0.01 U
2-Methyl-4,6-dinitrophenol	0.025 R	0.025 U	0.025 UJ	0.025 U	0.025 R	0.025 U
2-Methylnaphthalene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Methylphenol	0.01 R	0.01 U	0.01 UJ	0.01 U	0.01 R	0.01 U
2-Nitrobenzenamine	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitrophenol	0.01 R	0.01 U	0.01 UJ	0.01 U	0.01 R	0.01 U
3,3'-Dichlorobenzidine	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
3-Nitrobenzenamine	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
4-Bromophenyl phenyl ether	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chloro-3-methylphenol	0.01 R	0.01 U	0.01 UJ	0.01 U	0.01 R	0.01 U
4-Chlorobenzenamine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methylphenol	0.01 R	0.01 U	0.01 UJ	0.01 U	0.01 R	0.01 U
4-Nitrobenzenamine	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U

Table I-26. Groundwater Semivolatile Organic Compounds (continued)

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	LL2mw-265	LL2mw-266	LL2mw-267	LL2mw-268	LL2mw-269	LL2mw-270
Sample ID	LL21187	LL21150	LL21151	LL21152	LL21153	LL21154
Customer ID	LL2mw-265-1187-GW	LL2mw-266-1150-GW	LL2mw-267-1151-GW	LL2mw-268-1152-GW	LL2mw-269-1153-GW	LL2mw-270-1154-GW
Date	09/19/2001	09/11/2001	09/10/2001	09/07/2001	09/20/2001	09/07/2001
Filtered	Total	Total	Total	Total	Total	Total
Field Type	Field Duplicate	Grab	Grab	Grab	Grab	Grab
Analyte (mg/l)						
4-Nitrophenol	0.025 R	0.025 U	0.025 U	0.025 U	0.025 R	0.025 U
Acenaphthene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acenaphthylene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Anthracene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benz(a)anthracene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzenemethanol	0.01 R	0.01 U	0.01 UJ	0.01 U	0.01 R	0.01 U
Benzo(a)pyrene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(b)fluoranthene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(ghi)perylene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(k)fluoranthene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzoic acid	0.035 R	0.035 U	0.035 UJ	0.035 U	0.035 R	0.035 U
Bis(2-chloroethoxy)methane	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Bis(2-chloroethyl) ether	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Bis(2-chloroisopropyl) ether	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Bis(2-ethylhexyl)phthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Butyl benzyl phthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Carbazole	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chrysene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-butyl phthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-octylphthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dibenz(a,h)anthracene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dibenzofuran	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Diethyl phthalate	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ
Dimethyl phthalate	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ
Fluoranthene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Fluorene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

Table I-26. Groundwater Semivolatile Organic Compounds (continued)

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	**LL2mw-265**	**LL2mw-266**	**LL2mw-267**	**LL2mw-268**	**LL2mw-269**	**LL2mw-270**
Sample ID	**LL21187**	**LL21150**	**LL21151**	**LL21152**	**LL21153**	**LL21154**
Customer ID	**LL2mw-265-1187-GW**	**LL2mw-266-1150-GW**	**LL2mw-267-1151-GW**	**LL2mw-268-1152-GW**	**LL2mw-269-1153-GW**	**LL2mw-270-1154-GW**
Date	**09/19/2001**	**09/11/2001**	**09/10/2001**	**09/07/2001**	**09/20/2001**	**09/07/2001**
Filtered	**Total**	**Total**	**Total**	**Total**	**Total**	**Total**
Field Type	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/l)						
Hexachlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorocyclopentadiene	0.01 R	0.01 R	0.01 R	0.01 R	0.01 R	0.01 R
Hexachloroethane	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Isophorone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitroso-di-n-propylamine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodiphenylamine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Naphthalene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	0.01 R	0.01 U	0.01 UJ	0.01 U	0.01 R	0.01 U
Phenanthrene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenol	0.01 R	0.01 U	0.01 UJ	0.01 U	0.01 R	0.01 U
Pyrene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-27. Groundwater Volatile Organic Compounds

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	LL2mw-059	LL2mw-060	LL2mw-261	LL2mw-262	LL2mw-263
Sample ID	LL21155	LL21156	LL21145	LL21146	LL21147
Customer ID	LL2mw-059-1155-GW	LL2mw-060-1156-GW	LL2mw-261-1145-GW	LL2mw-262-1146-GW	LL2mw-263-1147-GW
Date	09/20/2001	09/19/2001	09/10/2001	09/07/2001	09/07/2001
Filtered	Total	Total	Total	Total	Total
Field Type	Grab	Grab	Grab	Grab	Grab
Analyte (mg/l)					
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.01 U	0.01 U	0.011 UJ	0.01 UJ	0.01 UJ
Benzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromochloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane	0.001 U	0.001 U	0.00016 J	0.001 U	0.001 U
Dibromochloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dimethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table I-27. Groundwater Volatile Organic Compounds (continued)

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	LL2mw-264	LL2mw-265	LL2mw-265	LL2mw-266	LL2mw-267
Sample ID	LL21148	LL21149	LL21187	LL21150	LL21151
Customer ID	LL2mw-264-1148-GW	LL2mw-265-1149-GW	LL2mw-265-1187-GW	LL2mw-266-1150-GW	LL2mw-267-1151-GW
Date	09/10/2001	09/19/2001	09/19/2001	09/11/2001	09/10/2001
Filtered	Total	Total	Total	Total	Total
Field Type	Grab	Grab	Field Duplicate	Grab	Grab
Analyte (mg/l)					
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone	0.01 U	0.01 U	0.01 U	0.0012 J	0.01 U
2-Hexanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.01 UJ	0.01 U	0.01 U	0.01 UJ	0.01 UJ
Benzene	0.001 U	0.001 U	0.001 U	0.00049 J	0.00022 J
Bromochloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.001 U	0.00026 J	0.001 U	0.00031 J	0.001 U
Carbon tetrachloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane	0.001 U	0.001 U	0.001 U	0.00037 J	0.001 U
Dibromochloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dimethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table I-27. Groundwater Volatile Organic Compounds (continued)

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	**LL2mw-268**	**LL2mw-269**	**LL2mw-270**
Sample ID	**LL21152**	**LL21153**	**LL21154**
Customer ID	**LL2mw-268-1152-GW**	**LL2mw-269-1153-GW**	**LL2mw-270-1154-GW**
Date	**09/07/2001**	**09/20/2001**	**09/07/2001**
Filtered	**Total**	**Total**	**Total**
Field Type	**Grab**	**Grab**	**Grab**
Analyte (mg/l)			
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	0.001 U	0.001 U	0.001 U
1,2-Dichloroethene	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	0.001 U	0.001 U	0.001 U
2-Butanone	0.01 U	0.01 U	0.01 U
2-Hexanone	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone	0.01 U	0.01 U	0.01 U
Acetone	0.01 UJ	0.01 U	0.01 UJ
Benzene	0.001 U	0.001 U	0.001 U
Bromochloromethane	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.001 U	0.001 U	0.001 U
Bromoform	0.001 U	0.001 U	0.001 U
Bromomethane	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.001 U	0.001 U	0.001 U
Chloroethane	0.001 U	0.001 U	0.001 U
Chloroform	0.001 U	0.001 U	0.001 U
Chloromethane	0.001 U	0.001 U	0.001 U
Dibromochloromethane	0.001 U	0.001 U	0.001 U
Dimethylbenzene	0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U	0.001 U	0.001 U
Styrene	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.001 U	0.001 U	0.001 U
Toluene	0.001 U	0.0016 U	0.001 U
Trichloroethene	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-28. Storm/Sanitary Sewers Sediment Inorganics

Location	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate
Station	**LL2-235**	**LL2-236**	**LL2-237**	**LL2-238**	**LL2-239**	**LL2-240**	**LL2-242**
Sample ID	**LL21100**	**LL21101**	**LL21102**	**LL21103**	**LL21104**	**LL21106**	**LL21110**
Customer ID	**LL2sd-235-1100-SD**	**LL2sd-236-1101-SD**	**LL2sd-237-1102-SD**	**LL2sd-238-1103-SD**	**LL2sd-239-1104-SD**	**LL2sd-240-1106-SD**	**LL2sd-242-1110-SD**
Date	**07/29/2001**	**07/28/2001**	**07/28/2001**	**07/29/2001**	**08/06/2001**	**08/06/2001**	**07/28/2001**
Depth (ft)	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)							
Aluminum	5280 =	3490 =	11800 =	4000 =	12400 =	8600 =	9780 =
Antimony	5.3 J *	1.3 UJ	2.6 J *	4 J *	3.6 J *	14.9 J *	1.7 UJ
Arsenic	17.6 =	6.7 =	7.3 =	7.6 =	14 =	11.5 =	7.4 =
Barium	80.3 =	163 = *	149 = *	56.9 =	79 =	122 =	284 = *
Beryllium	0.61 J *	0.34 J	1.5 = *	0.83 = *	1.1 = *	1.3 = *	0.92 = *
Cadmium	0.98 J *	4.5 = *	3.6 = *	2.5 = *	3 = *	5 = *	6.8 = *
Calcium	13200 = *	6030 = *	53800 = *	6310 = *	3090 =	2660 =	64900 = *
Chromium	420 = *	14 =	30.1 = *	20 = *	43 = *	74.5 = *	40.2 = *
Chromium, hexavalent	1.4 J						
Cobalt	8.2 =	14.1 = *	4.6 =	4.1 =	13.4 = *	8.6 =	8.5 =
Copper	2540 = *	47.7 = *	260 = *	161 = *	92.2 = *	271 = *	57 = *
Iron	88900 J *	29300 = *	35200 = *	29600 J *	37700 J *	27500 J	34900 = *
Lead	1670 J *	148 = *	185 = *	166 J *	111 = *	475 = *	1530 = *
Magnesium	1980 =	1150 =	6310 = *	1750 =	2270 =	2880 = *	10100 = *
Manganese	786 J	2620 = *	1780 =	448 J	210 =	203 =	1130 J
Mercury	0.96 J *	0.057 J	0.061 J *	0.016 J	0.11 J *	0.2 J *	0.13 J *
Nickel	82 J *	17 =	19.1 = *	29.1 J *	63.4 = *	62.1 = *	44.6 = *
Potassium	470 J	268 J	573 J	236 J	1140 J	780 J	965 =
Selenium	2.7 J *	1.6 U	1.3 U	2.4 U	2.1 = *	1.6 =	1.4 U
Silver	0.41 J *	0.23 U	0.36 U	0.24 J *	0.51 J *	3.3 = *	0.84 U
Sodium	76.4 J	661 U	90.1 J	600 U	1510 U	1640 U	186 J *
Thallium	0.45 =	0.21 J	0.22 J	0.43 =	0.81 J	0.66 J	0.35 =
Vanadium	15.8 =	11.5 =	16.6 =	9.8 =	26.6 = *	23.4 =	13.3 =
Zinc	332 J	1110 = *	494 =	462 J	334 =	588 = *	459 =

Table I-28. Storm/Sanitary Sewers Sediment Inorganics (continued)

Location	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate
Station	**LL2-246**	**LL2-247**	**LL2-250**	**LL2-250**	**LL2-251**	**LL2-259**
Sample ID	**LL21115**	**LL21116**	**LL21121**	**LL21174**	**LL21122**	**LL21141**
Customer ID	**LL2sd-246-1115-SD**	**LL2sd-247-1116-SD**	**LL2sd-250-1121-SD**	**LL2sd-250-1174-SD**	**LL2sd-251-1122-SD**	**LL2sd-259-1141-SD**
Date	**07/29/2001**	**07/28/2001**	**07/28/2001**	**07/28/2001**	**07/28/2001**	**07/31/2001**
Depth (ft)	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**
Field Type	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**
Analyte (mg/kg)						
Aluminum	6440 =	5150 =	4040 =	4820 =	4900 =	3960 =
Antimony	1.4 J *	1.3 UJ	7150 J *	8910 J *	845 J *	1.6 UJ
Arsenic	11.8 =	5.8 =	29.4 = *	36.2 = *	8.7 =	22.9 = *
Barium	71.2 =	33.7 =	2030 = *	2020 = *	245 = *	149 = *
Beryllium	0.81 U	0.32 J	0.56 J *	0.52 J *	0.41 J *	0.49 J *
Cadmium	0.99 = *	0.33 J *	11.2 = *	10.8 = *	3.7 = *	1.2 = *
Calcium	12300 = *	1630 =	6450 = *	6840 = *	16000 = *	1500 =
Chromium	8.5 =	7.9 =	2380 = *	3710 = *	467 = *	23.6 = *
Chromium, hexavalent						
Cobalt	7.6 =	5.4 =	58.5 = *	93.1 = *	20.9 = *	24.5 J *
Copper	28.3 = *	17.4 =	674 = *	1350 = *	428 = *	66.2 = *
Iron	23800 =	15300 =	102000 = *	90200 = *	21300 =	52300 J *
Lead	29.5 = *	26.6 =	14600 = *	23700 = *	5280 = *	148 J *
Magnesium	2610 =	1810 =	6280 = *	6780 = *	2480 =	1120 J
Manganese	924 J	447 J	568 J	548 J	374 J	5840 J *
Mercury	0.14 U	0.019 J	2.3 = *	4.9 = *	1.4 = *	0.98 = *
Nickel	12 =	29.4 = *	41.5 = *	65.3 = *	13.7 =	58.6 J *
Potassium	423 J	420 J	261 J	320 J	371 J	358 J
Selenium	1 J	2.5 U	3.5 J *	2.8 J *	1.4 J	0.69 J
Silver	0.69 U	0.63 U	0.48 J *	0.57 J *	0.77 U	393 = *
Sodium	692 U	634 U	92 J	217 J *	97 J	681 U
Thallium	0.42 J	0.35 =	0.77 =	0.73 =	0.51 =	0.49 =
Vanadium	13.3 =	7.7 =	11 =	18.9 =	10.4 =	13.3 =
Zinc	112 =	117 =	1010 = *	1960 = *	836 = *	210 J

* - exceeds site-wide background criteria.

= - detected, J - estimated, U - not detected, R - rejected.

Table I-29. Storm/Sanitary Sewers Sediment Explosives and Propellants

Location	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate
Station	**LL2-238**	**LL2-239**	**LL2-240**	**LL2-242**	**LL2-250**	**LL2-259**
Sample ID	**LL21103**	**LL21104**	**LL21106**	**LL21110**	**LL21121**	**LL21141**
Customer ID	**LL2sd-238-1103-SD**	**LL2sd-239-1104-SD**	**LL2sd-240-1106-SD**	**LL2sd-242-1110-SD**	**LL2sd-250-1121-SD**	**LL2sd-259-1141-SD**
Date	**07/29/2001**	**08/06/2001**	**08/06/2001**	**07/28/2001**	**07/28/2001**	**07/31/2001**
Depth (ft)	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)						
1,3,5-Trinitrobenzene	0.25 U	0.25 U	0.25 U	0.37 =	0.25 U	0.25 U
1,3-Dinitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	0.74 =	0.78 =	21 J	10 =	0.25 U	0.25 U
2,4-Dinitrotoluene	0.25 U	0.25 U	0.47 U	0.13 J	0.25 U	0.27 =
2,6-Dinitrotoluene	0.25 U	0.25 UJ	2 UJ	0.78 U	0.25 U	0.12 J
2-Amino-4,6-dinitrotoluene	0.23 J	0.62 J	8.9 J	5.5 =	0.25 U	0.1 J
2-Nitrotoluene	0.25 U	0.25 U	0.9 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	0.25 U	0.25 U	0.9 U	0.25 UJ	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	0.59 =	0.94 =	22 J	7.8 =	0.25 U	0.11 J
4-Nitrotoluene	0.25 U	0.25 UJ	0.25 UJ	0.25 U	0.25 U	0.25 U
HMX	0.5 U	0.5 U	25 J	0.5 U	0.5 U	0.5 U
Nitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Nitroglycerin	2.5 U	2.5 U	6.7 U	2.5 U	2.5 U	2.5 U
RDX	0.17 J	0.5 U	13 J	0.5 U	0.5 U	0.5 U
Tetryl	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-30. Storm/Sanitary Sewers Sediment Pesticides and PCBs

Location	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate
Station	**LL2-235**	**LL2-236**	**LL2-237**	**LL2-238**	**LL2-239**
Sample ID	**LL21100**	**LL21101**	**LL21102**	**LL21103**	**LL21104**
Customer ID	**LL2sd-235-1100-SD**	**LL2sd-236-1101-SD**	**LL2sd-237-1102-SD**	**LL2sd-238-1103-SD**	**LL2sd-239-1104-SD**
Date	**07/29/2001**	**07/28/2001**	**07/28/2001**	**07/29/2001**	**08/06/2001**
Depth (ft)	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
4,4'-DDD					
4,4'-DDE					
4,4'-DDT					
Aldrin					
Dieldrin					
Endosulfan I					
Endosulfan II					
Endosulfan sulfate					
Endrin					
Endrin aldehyde					
Endrin ketone					
Heptachlor					
Heptachlor epoxide					
Lindane					
Methoxychlor					
PCB-1016	0.044 UJ	0.44 U	0.48 U	0.79 U	0.099 UJ
PCB-1221	0.044 U	0.44 U	0.48 U	0.79 U	0.099 UJ
PCB-1232	0.044 U	0.44 U	0.48 U	0.79 U	0.099 UJ
PCB-1242	0.044 U	0.44 U	0.48 U	0.79 U	0.099 UJ
PCB-1248	0.044 U	0.44 U	0.48 U	0.79 U	0.099 UJ
PCB-1254	0.45 =	3.7 =	4.4 =	6.9 =	0.099 UJ
PCB-1260	0.044 UJ	0.44 U	0.48 U	0.79 U	0.099 UJ
Toxaphene					
alpha-BHC					
alpha-Chlordane					
beta-BHC					
delta-BHC					
gamma-Chlordane					

Table I-30. Storm/Sanitary Sewers Sediment Pesticides and PCBs (continued)

Location	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate
Station	**LL2-240**	**LL2-242**	**LL2-246**	**LL2-247**	**LL2-250**
Sample ID	**LL21106**	**LL21110**	**LL21115**	**LL21116**	**LL21121**
Customer ID	**LL2sd-240-1106-SD**	**LL2sd-242-1110-SD**	**LL2sd-246-1115-SD**	**LL2sd-247-1116-SD**	**LL2sd-250-1121-SD**
Date	**08/06/2001**	**07/28/2001**	**07/29/2001**	**07/28/2001**	**07/28/2001**
Depth (ft)	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
4,4'-DDD					
4,4'-DDE					
4,4'-DDT					
Aldrin					
Dieldrin					
Endosulfan I					
Endosulfan II					
Endosulfan sulfate					
Endrin					
Endrin aldehyde					
Endrin ketone					
Heptachlor					
Heptachlor epoxide					
Lindane					
Methoxychlor					
PCB-1016	1.1 U	2.8 U	0.23 U	0.042 U	2 U
PCB-1221	1.1 U	2.8 U	0.23 U	0.042 U	2 U
PCB-1232	1.1 U	2.8 U	0.23 U	0.042 U	2 U
PCB-1242	1.1 U	2.8 U	0.23 U	0.042 U	2 U
PCB-1248	1.1 U	2.8 U	0.23 U	0.042 U	2 U
PCB-1254	5.3 =	31 =	1.5 =	0.042 U	10 =
PCB-1260	1.1 U	2.8 U	0.23 U	0.16 J	2 U
Toxaphene					
alpha-BHC					
alpha-Chlordane					
beta-BHC					
delta-BHC					
gamma-Chlordane					

Table I-30. Storm/Sanitary Sewers Sediment Pesticides and PCBs (continued)

Location	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate
Station	**LL2-250**	**LL2-251**	**LL2-259**
Sample ID	**LL21174**	**LL21122**	**LL21141**
Customer ID	**LL2sd-250-1174-SD**	**LL2sd-251-1122-SD**	**LL2sd-259-1141-SD**
Date	**07/28/2001**	**07/28/2001**	**07/31/2001**
Depth (ft)	**0 - 0.5**	**0 - 0.5**	**0 - 0.5**
Field Type	**Field Duplicate**	**Grab**	**Grab**
Analyte (mg/kg)			
4,4'-DDD			0.0046 U
4,4'-DDE			0.0078 J
4,4'-DDT			0.01 J
Aldrin			0.0046 U
Dieldrin			0.0046 U
Endosulfan I			0.0046 U
Endosulfan II			0.0046 U
Endosulfan sulfate			0.0046 U
Endrin			0.0046 U
Endrin aldehyde			0.0046 U
Endrin ketone			0.0046 UJ
Heptachlor			0.0046 U
Heptachlor epoxide			0.0046 U
Lindane			0.0046 U
Methoxychlor			0.009 U
PCB-1016	1 U	0.51 U	0.045 U
PCB-1221	1 U	0.51 U	0.045 U
PCB-1232	1 U	0.51 U	0.045 U
PCB-1242	1 U	0.51 U	0.045 U
PCB-1248	1 U	0.51 U	0.045 U
PCB-1254	7.5 =	4.3 =	0.11 =
PCB-1260	1 U	0.51 U	0.045 U
Toxaphene			0.18 UJ
alpha-BHC			0.0046 U
alpha-Chlordane			0.0046 U
beta-BHC			0.0046 U
delta-BHC			0.0046 U
gamma-Chlordane			0.0046 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-31. Storm/Sanitary Sewers Sediment Semivolatile Organic Compounds

Location	Storm/Sanitary Sewers Sediment Samples Aggregate
Station	**LL2-259**
Sample ID	**LL21141**
Customer ID	**LL2sd-259-1141-SD**
Date	**07/31/2001**
Depth (ft)	**0 - 0.5**
Field Type	**Grab**
Analyte (mg/kg)	
1,2,4-Trichlorobenzene	0.45 U
1,2-Dichlorobenzene	0.73 =
1,3-Dichlorobenzene	0.45 U
1,4-Dichlorobenzene	0.45 U
2,4,5-Trichlorophenol	0.45 U
2,4,6-Trichlorophenol	0.45 U
2,4-Dichlorophenol	0.45 U
2,4-Dimethylphenol	0.45 U
2,4-Dinitrophenol	1.1 U
2,4-Dinitrotoluene	0.45 U
2,6-Dinitrotoluene	0.45 U
2-Chloronaphthalene	0.45 U
2-Chlorophenol	0.45 U
2-Methyl-4,6-dinitrophenol	1.1 U
2-Methylnaphthalene	0.45 U
2-Methylphenol	0.45 U
2-Nitrobenzenamine	1.1 U
2-Nitrophenol	0.45 U
3,3'-Dichlorobenzidine	0.45 U
3-Nitrobenzenamine	1.1 U
4-Bromophenyl phenyl ether	0.45 U
4-Chloro-3-methylphenol	0.45 U
4-Chlorobenzenamine	0.45 U
4-Chlorophenyl phenyl ether	0.45 U
4-Methylphenol	0.45 U
4-Nitrobenzenamine	1.1 U
4-Nitrophenol	1.1 U
Acenaphthene	0.45 U
Acenaphthylene	0.45 U
Anthracene	0.45 U
Benz(a)anthracene	0.19 J
Benzenemethanol	0.45 U
Benzo(a)pyrene	0.26 J
Benzo(b)fluoranthene	0.34 J
Benzo(ghi)perylene	0.19 J
Benzo(k)fluoranthene	0.16 J

Table I-31. Storm/Sanitary Sewers Sediment Semivolatile Organic Compounds (continued)

Location	Storm/Sanitary Sewers Sediment Samples Aggregate
Station	**LL2-259**
Sample ID	**LL21141**
Customer ID	**LL2sd-259-1141-SD**
Date	**07/31/2001**
Depth (ft)	**0 - 0.5**
Field Type	**Grab**
Analyte (mg/kg)	
Benzoic acid	2.2 UJ
Bis(2-chloroethoxy)methane	0.45 U
Bis(2-chloroethyl) ether	0.45 U
Bis(2-chloroisopropyl) ether	0.45 U
Bis(2-ethylhexyl)phthalate	0.45 U
Butyl benzyl phthalate	0.45 U
Carbazole	0.45 U
Chrysene	0.26 J
Di-n-butyl phthalate	0.45 U
Di-n-octylphthalate	0.45 U
Dibenz(a,h)anthracene	0.45 U
Dibenzofuran	0.45 U
Diethyl phthalate	0.45 U
Dimethyl phthalate	0.45 U
Fluoranthene	0.23 J
Fluorene	0.45 U
Hexachlorobenzene	0.45 U
Hexachlorobutadiene	0.45 U
Hexachlorocyclopentadiene	0.45 U
Hexachloroethane	0.45 U
Indeno(1,2,3-cd)pyrene	0.19 J
Isophorone	0.45 U
N-Nitroso-di-n-propylamine	0.45 U
N-Nitrosodiphenylamine	0.45 U
Naphthalene	0.45 U
Nitrobenzene	0.45 U
Pentachlorophenol	0.45 U
Phenanthrene	0.15 J
Phenol	0.45 U
Pyrene	0.2 J

= - detected, J - estimated, U - not detected, R - rejected.

Table I-32. Storm/Sanitary Sewers Sediment Volatile Organic Compounds

Location	Storm/Sanitary Sewers Sediment Samples Aggregate
Station	**LL2-259**
Sample ID	**LL21141**
Customer ID	**LL2sd-259-1141-SD**
Date	**07/31/2001**
Depth (ft)	**0 - 0.5**
Field Type	**Grab**
Analyte (mg/kg)	
1,1,1-Trichloroethane	0.0068 U
1,1,2,2-Tetrachloroethane	0.0068 U
1,1,2-Trichloroethane	0.0068 U
1,1-Dichloroethane	0.0068 U
1,1-Dichloroethene	0.0068 U
1,2-Dibromoethane	0.0068 U
1,2-Dichloroethane	0.0068 U
1,2-Dichloroethene	0.0068 U
1,2-Dichloropropane	0.0068 U
2-Butanone	0.027 U
2-Hexanone	0.027 U
4-Methyl-2-pentanone	0.027 U
Acetone	0.027 UJ
Benzene	0.0068 U
Bromochloromethane	0.0068 U
Bromodichloromethane	0.0068 U
Bromoform	0.0068 U
Bromomethane	0.0068 U
Carbon disulfide	0.0068 U
Carbon tetrachloride	0.0068 U
Chlorobenzene	0.0068 U
Chloroethane	0.0068 U
Chloroform	0.0068 U
Chloromethane	0.0068 U
Dibromochloromethane	0.0068 U
Dimethylbenzene	0.0068 U
Ethylbenzene	0.0068 U
Methylene chloride	0.0068 U
Styrene	0.0068 U
Tetrachloroethene	0.0068 U
Toluene	0.0068 U
Trichloroethene	0.0068 U
Vinyl chloride	0.0068 U
cis-1,3-Dichloropropene	0.0068 U
trans-1,3-Dichloropropene	0.0068 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-33. Storm/Sanitary Sewers Surface Water Inorganics

Location	Storm/Sanitary Sewers Water Samples Aggregate	Storm/Sanitary Sewers Water Samples Aggregate	Storm/Sanitary Sewers Water Samples Aggregate	Storm/Sanitary Sewers Water Samples Aggregate
Station	**LL2-239**	**LL2-240**	**LL2-254**	**LL2-259**
Sample ID	**LL21111**	**LL21107**	**LL21105**	**LL21142**
Customer ID	**LL2sw-239-1111-SW**	**LL2sw-240-1107-SW**	**LL2sw-254-1105-SW**	**LL2sw-259-1142-SW**
Date	**08/06/2001**	**08/01/2001**	**08/01/2001**	**07/31/2001**
Filtered	**Total**	**Total**	**Total**	**Total**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/l)				
Aluminum	1.5 J	0.29 =	0.26 =	0.16 J
Antimony	0.0053 = *	0.01 U	0.0048 J *	0.01 U
Arsenic	0.015 U	0.015 U	0.015 U	0.015 U
Barium	0.042 =	0.018 =	0.016 =	0.028 J
Beryllium	0.005 U	0.005 U	0.005 U	0.005 U
Cadmium	0.0023 = *	0.005 U	0.005 U	0.005 U
Calcium	22 =	13.8 =	48.2 = *	33.3 =
Chromium	0.005 = *	0.0015 U	0.005 U	0.005 U
Cobalt	0.005 U	0.005 U	0.005 U	0.005 U
Copper	0.039 = *	0.0049 J	0.015 U	0.015 U
Iron	2.4 =	1.4 J	1.1 J	1.9 J
Lead	0.12 = *	0.012 = *	0.011 = *	0.01 U
Magnesium	1.7 J	2.4 J	9.3 =	8.9 =
Manganese	0.067 =	0.14 =	0.23 =	0.12 =
Mercury	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 UJ
Nickel	0.0061 J *	0.0046 J *	0.0052 J *	0.025 U
Potassium	5 = *	2.4 J	2 J	1.7 J
Selenium	0.02 U	0.02 U	0.02 U	0.02 U
Silver	0.005 U	0.005 U	0.03 = *	0.005 U
Sodium	4.8 =	3.3 J	4.8 J	5 =
Thallium	0.002 UJ	0.002 U	0.002 U	0.002 UJ
Vanadium	0.0028 J *	0.007 U	0.007 U	0.007 U
Zinc	0.13 = *	0.023 U	0.036 U	0.024 U

* - exceeds site-wide background criteria.
= - detected, J - estimated, U - not detected, R - rejected.

Table I-34. Storm/Sanitary Sewers Surface Water Explosives and Propellants

Location	Storm/Sanitary Sewers Water Samples Aggregate	Storm/Sanitary Sewers Water Samples Aggregate	Storm/Sanitary Sewers Water Samples Aggregate	Storm/Sanitary Sewers Water Samples Aggregate
Station	**LL2-239**	**LL2-240**	**LL2-254**	**LL2-259**
Sample ID	**LL21111**	**LL21107**	**LL21105**	**LL21142**
Customer ID	**LL2sw-239-1111-SW**	**LL2sw-240-1107-SW**	**LL2sw-254-1105-SW**	**LL2sw-259-1142-SW**
Date	**08/06/2001**	**08/01/2001**	**08/01/2001**	**07/31/2001**
Filtered	**Total**	**Total**	**Total**	**Total**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/l)				
1,3,5-Trinitrobenzene	0.002 U	0.0002 U	0.0012 =	0.0002 U
1,3-Dinitrobenzene	0.002 U	0.0002 U	0.0002 U	0.0002 U
2,4,6-Trinitrotoluene	0.37 =	0.15 =	0.0033 =	0.00027 =
2,4-Dinitrotoluene	0.0013 U	0.00052 U	0.00013 U	0.00013 U
2,6-Dinitrotoluene	0.0013 U	0.0082 U	0.00013 U	0.00013 U
2-Amino-4,6-dinitrotoluene	0.19 =	0.075 =	0.0026 =	0.00074 =
2-Nitrotoluene	0.002 U	0.0002 U	0.0002 U	0.0002 U
3-Nitrotoluene	0.002 U	0.0002 U	0.0002 U	0.0002 U
4-Amino-2,6-dinitrotoluene	0.26 =	0.12 =	0.0036 =	0.00069 =
4-Nitrotoluene	0.002 U	0.0002 U	0.0002 U	0.0002 U
HMX	0.16 =	0.069 =	0.0014 =	0.0005 U
Nitrobenzene	0.002 U	0.0002 U	0.0002 U	0.0002 U
Nitroglycerin	0.025 U	0.0049 U	0.0025 U	0.0025 U
RDX	0.69 =	0.34 =	0.0081 =	0.0011 =
Tetryl	0.002 U	0.0002 U	0.0002 U	0.0002 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-35. Storm/Sanitary Sewers Surface Water Pesticides and PCBs

Location	Storm/Sanitary Sewers Water Samples Aggregate	Storm/Sanitary Sewers Water Samples Aggregate	Storm/Sanitary Sewers Water Samples Aggregate	Storm/Sanitary Sewers Water Samples Aggregate
Station	LL2-239	LL2-240	LL2-254	LL2-259
Sample ID	LL21111	LL21107	LL21105	LL21142
Customer ID	LL2sw-239-1111-SW	LL2sw-240-1107-SW	LL2sw-254-1105-SW	LL2sw-259-1142-SW
Date	08/06/2001	08/01/2001	08/01/2001	07/31/2001
Filtered	Total	Total	Total	Total
Field Type	Grab	Grab	Grab	Grab
Analyte (mg/l)				
4,4'-DDD				0.00005 U
4,4'-DDE				0.00005 U
4,4'-DDT				0.00005 UJ
Aldrin				0.00005 U
Dieldrin				0.00005 U
Endosulfan I				0.00005 U
Endosulfan II				0.00005 U
Endosulfan sulfate				0.00005 U
Endrin				0.00005 U
Endrin aldehyde				0.00005 U
Endrin ketone				0.00005 U
Heptachlor				0.00005 U
Heptachlor epoxide				0.00005 UJ
Lindane				0.00005 U
Methoxychlor				0.00005 U
PCB-1016	0.0005 UJ	0.0005 U	0.0005 U	0.0001 UJ
PCB-1221	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1232	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1242	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1248	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1254	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1260	0.0005 UJ	0.0005 U	0.0005 U	0.0005 U
Toxaphene				0.002 U
alpha-BHC				0.00005 U
alpha-Chlordane				0.00005 U
beta-BHC				0.00005 U
delta-BHC				0.00005 U
gamma-Chlordane				0.00005 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-36. Storm/Sanitary Sewers Surface Water Semivolatile Organic Compounds

Location	Storm/Sanitary Sewers Water Samples Aggregate
Station	**LL2-259**
Sample ID	**LL21142**
Customer ID	**LL2sw-259-1142-SW**
Date	**07/31/2001**
Filtered	**Total**
Field Type	**Grab**
Analyte (mg/l)	
1,2,4-Trichlorobenzene	0.01 U
1,2-Dichlorobenzene	0.01 U
1,3-Dichlorobenzene	0.01 U
1,4-Dichlorobenzene	0.01 U
2,4,5-Trichlorophenol	0.01 U
2,4,6-Trichlorophenol	0.01 U
2,4-Dichlorophenol	0.01 U
2,4-Dimethylphenol	0.01 U
2,4-Dinitrophenol	0.025 U
2,4-Dinitrotoluene	0.01 U
2,6-Dinitrotoluene	0.01 U
2-Chloronaphthalene	0.01 U
2-Chlorophenol	0.01 U
2-Methyl-4,6-dinitrophenol	0.025 U
2-Methylnaphthalene	0.01 U
2-Methylphenol	0.01 U
2-Nitrobenzenamine	0.025 U
2-Nitrophenol	0.01 U
3,3'-Dichlorobenzidine	0.025 U
3-Nitrobenzenamine	0.025 U
4-Bromophenyl phenyl ether	0.01 U
4-Chloro-3-methylphenol	0.01 U
4-Chlorobenzenamine	0.01 U
4-Chlorophenyl phenyl ether	0.01 U
4-Methylphenol	0.01 U
4-Nitrobenzenamine	0.025 U
4-Nitrophenol	0.025 U
Acenaphthene	0.01 U
Acenaphthylene	0.01 U
Anthracene	0.01 U
Benz(a)anthracene	0.01 U
Benzenemethanol	0.01 U
Benzo(a)pyrene	0.01 U
Benzo(b)fluoranthene	0.01 U
Benzo(ghi)perylene	0.01 U
Benzo(k)fluoranthene	0.01 U
Benzoic acid	0.035 U
Bis(2-chloroethoxy)methane	0.01 U

Table I-36. Storm/Sanitary Sewers Surface Water Semivolatile Organic Compounds (continued)

Location	Storm/Sanitary Sewers Water Samples Aggregate
Station	**LL2-259**
Sample ID	**LL21142**
Customer ID	**LL2sw-259-1142-SW**
Date	**07/31/2001**
Filtered	**Total**
Field Type	**Grab**
Analyte (mg/l)	
Bis(2-chloroethyl) ether	0.01 U
Bis(2-chloroisopropyl) ether	0.01 U
Bis(2-ethylhexyl)phthalate	0.01 U
Butyl benzyl phthalate	0.01 U
Carbazole	0.01 U
Chrysene	0.01 U
Di-n-butyl phthalate	0.01 U
Di-n-octylphthalate	0.01 U
Dibenz(a,h)anthracene	0.01 U
Dibenzofuran	0.01 U
Diethyl phthalate	0.01 UJ
Dimethyl phthalate	0.01 UJ
Fluoranthene	0.01 U
Fluorene	0.01 U
Hexachlorobenzene	0.01 U
Hexachlorobutadiene	0.01 U
Hexachlorocyclopentadiene	0.01 R
Hexachloroethane	0.01 U
Indeno(1,2,3-cd)pyrene	0.01 U
Isophorone	0.01 U
N-Nitroso-di-n-propylamine	0.01 U
N-Nitrosodiphenylamine	0.01 U
Naphthalene	0.01 U
Nitrobenzene	0.01 U
Pentachlorophenol	0.01 U
Phenanthrene	0.01 U
Phenol	0.01 U
Pyrene	0.01 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-37. Storm/Sanitary Sewers Surface Water Volatile Organic Compounds

Location	Storm/Sanitary Sewers Water Samples Aggregate
Station	**LL2-259**
Sample ID	**LL21142**
Customer ID	**LL2sw-259-1142-SW**
Date	**07/31/2001**
Filtered	**Total**
Field Type	**Grab**
Analyte (mg/l)	
1,1,1-Trichloroethane	0.001 U
1,1,2,2-Tetrachloroethane	0.001 UJ
1,1,2-Trichloroethane	0.001 U
1,1-Dichloroethane	0.001 U
1,1-Dichloroethene	0.001 U
1,2-Dibromoethane	0.001 U
1,2-Dichloroethane	0.001 U
1,2-Dichloroethene	0.001 U
1,2-Dichloropropane	0.001 U
2-Butanone	0.01 U
2-Hexanone	0.01 U
4-Methyl-2-pentanone	0.01 U
Acetone	0.01 U
Benzene	0.001 U
Bromochloromethane	0.001 U
Bromodichloromethane	0.001 U
Bromoform	0.001 U
Bromomethane	0.001 U
Carbon disulfide	0.001 U
Carbon tetrachloride	0.001 U
Chlorobenzene	0.001 U
Chloroethane	0.001 U
Chloroform	0.001 U
Chloromethane	0.001 U
Dibromochloromethane	0.001 U
Dimethylbenzene	0.001 U
Ethylbenzene	0.001 U
Methylene chloride	0.001 U
Styrene	0.001 U
Tetrachloroethene	0.001 U
Toluene	0.001 U
Trichloroethene	0.0021 =
Vinyl chloride	0.001 U
cis-1,3-Dichloropropene	0.001 U
trans-1,3-Dichloropropene	0.001 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-38. Building and Structures Solids Inorganics

Location	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate
Station	**LL2-070**	**LL2-075**	**LL2-077**	**LL2-084**	**LL2-085**
Sample ID	**LL20702**	**LL20715**	**LL20719**	**LL20738**	**LL20739**
Customer ID	**LL2ss-070-0702-SO**	**LL2ss-075-0715-SO**	**LL2ss-077-0719-SO**	**LL2ss-084-0738-SO**	**LL2ss-085-0739-SO**
Date	**07/25/2001**	**07/25/2001**	**07/25/2001**	**07/25/2001**	**07/25/2001**
Depth (ft)	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
Aluminum	5780 =	5720 =	7370 =	6610 =	5680 =
Antimony	1.1 R	1.1 R	1.2 R	1.1 UJ	1.1 UJ
Arsenic	13.1 =	10.3 =	11.9 =	11.5 =	11.7 =
Arsenic +3					
Barium	33.7 =	24 =	39.3 =	30.3 =	27.8 =
Beryllium	0.33 U	0.34 U	0.41 U	0.3 U	0.27 U
Cadmium	0.53 U	0.55 U	0.58 U	0.54 U	0.53 U
Calcium	4740 =	960 =	723 =	13200 =	2730 =
Chromium	7.7 =	7.1 =	8.7 =	7.2 =	6.9 =
Chromium, hexavalent					
Cobalt	8.9 J	6 J	8.6 J	5.3 =	8.5 =
Copper	18.7 =	13.9 =	11.2 =	19.4 =	20.4 =
Cyanide			0.58 U		
Iron	17300 =	16000 =	17800 =	15200 =	15500 =
Lead	27.2 =	9.2 =	12.1 =	12.1 =	12.2 =
Magnesium	2160 =	1270 =	1280 =	1890 =	2040 =
Manganese	394 J	211 J	541 J	274 =	339 =
Mercury	0.11 U	0.11 U	0.015 J	0.11 U	0.0092 J
Nickel	14.7 =	10 =	10.5 =	11.9 =	14.2 =
Potassium	492 J	506 J	670 =	759 =	853 =
Selenium	2.1 U	0.5 J	2.3 U	2.2 U	2.1 U
Silver	0.53 U	0.55 U	0.58 U	0.54 U	0.53 U
Sodium	532 U	549 U	583 U	542 U	532 U
Thallium	0.65 =	0.68 =	0.68 =	0.39 =	0.38 =
Vanadium	9 =	10.8 =	16.2 =	10.5 =	8.8 =
Zinc	46.8 =	44.9 =	40.4 =	56.1 =	64.3 =

Table I-38. Building and Structures Solids Inorganics (continued)

Location	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Floorsweep Samples Aggregate
Station	**LL2-091**	**LL2-092**	**LL2-123**	**LL2-124**	**LL2-125**
Sample ID	**LL20755**	**LL20756**	**LL20847**	**LL20848**	**LL20849**
Customer ID	**LL2ss-091-0755-SO**	**LL2ss-092-0756-SO**	**LL2ss-123-0847-SO**	**LL2ss-124-0848-SO**	**LL2fs-125d-0849-FS**
Date	**07/26/2001**	**07/26/2001**	**07/25/2001**	**07/25/2001**	**08/20/2001**
Depth (ft)	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
Aluminum	6330 =	5930 =	7090 =	7750 =	4910 =
Antimony	1.1 R	1.1 R	1.1 UJ	1.1 UJ	3.5 J
Arsenic	25.7 =	8.8 =	22 =	12.2 =	21.3 =
Arsenic +3					0.00018 =
Barium	30.5 =	28.8 =	45.2 =	33.5 =	2720 =
Beryllium	0.32 U	0.29 U	0.35 U	0.35 U	0.91 =
Cadmium	0.13 J	0.55 U	0.54 U	0.55 U	280 =
Calcium	3660 =	1660 =	2630 =	1360 =	52100 =
Chromium	7.6 =	7.1 =	8.3 =	8.4 J	215 =
Chromium, hexavalent					1.3 UJ
Cobalt	6.9 J	5.8 J	15.1 J	8.9 J	63.2 =
Copper	25.9 =	17 =	18.8 =	20.5 =	300 =
Cyanide					3.8 =
Iron	21500 =	13700 =	18600 =	18900 J	106000 =
Lead	15 =	10.8 =	17.7 =	15.4 =	10200 =
Magnesium	2030 =	1740 =	1790 =	1960 =	5510 =
Manganese	459 J	294 J	484 J	464 =	804 =
Mercury	0.11 U	0.11 U	0.016 J	0.025 J	0.078 U
Nickel	17.3 =	12.6 =	14.9 =	15 =	62.7 =
Potassium	810 =	938 =	816 =	777 =	1140 =
Selenium	2.2 U	2.2 U	2.2 U	0.38 J	4.1 J
Silver	0.56 U	0.55 U	0.54 U	0.55 U	2.2 =
Sodium	560 U	64.8 J	60.6 J	552 U	535 =
Thallium	0.58 =	0.67 =	0.48 =	0.43 =	0.36 UJ
Vanadium	10.7 =	9 =	11.2 =	12.7 =	22.2 =
Zinc	113 =	48.7 =	67.1 =	59.9 =	7330 =

Table I-38. Building and Structures Solids Inorganics (continued)

Location	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Floorsweep Samples Aggregate	Soil Beneath Building Floor Slabs Aggregate
Station	**LL2-135**	**LL2-136**	**LL2-137**	**LL2-138**	**LL2-151**
Sample ID	**LL20877**	**LL20878**	**LL20879**	**LL20880**	**LL20917**
Customer ID	**LL2ss-135-0877-SO**	**LL2ss-136-0878-SO**	**LL2ss-137-0879-SO**	**LL2fs-138d-0880-FS**	**LL2ss-151-0917-SO**
Date	**07/28/2001**	**07/28/2001**	**07/28/2001**	**08/20/2001**	**07/27/2001**
Depth (ft)	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
Aluminum	6020 =	1900 =	7590 =	2380 =	11600 =
Antimony	1.1 UJ	1 UJ	1.3 J	10.5 UJ	1.1 UJ
Arsenic	11.2 =	7.5 =	12.6 =	49.8 =	11.8 =
Arsenic +3				0.000065 =	
Barium	27.3 =	14.4 =	38.9 =	1050 =	148 =
Beryllium	0.28 J	0.14 U	0.32 J	5.2 U	1.1 =
Cadmium	0.15 J	0.1 J	0.18 J	124 =	0.56 U
Calcium	8980 =	16900 =	1750 =	15900 =	1400 J
Chromium	7.2 =	3 =	8.9 =	304 =	14.6 =
Chromium, hexavalent				1 UJ	
Cobalt	6.3 =	4.1 =	7.4 =	41.5 =	23.4 =
Copper	18.2 =	10.7 =	22.5 =	2300 =	17.5 =
Cyanide		0.52 U		1.1 =	
Iron	16400 =	8800 =	19500 =	384000 =	22500 =
Lead	12.1 =	9.4 =	17.8 =	6080 =	9.9 =
Magnesium	1720 =	2240 =	2120 =	1910 J	3500 =
Manganese	273 J	311 =	414 J	2490 =	352 =
Mercury	0.024 J	0.012 J	0.011 J	0.11 =	0.11 U
Nickel	13.4 =	6.7 =	15.1 =	157 =	27 =
Potassium	544 =	283 J	659 =	1650 =	1780 J
Selenium	0.58 U	2.1 U	0.44 U	10.6 J	2.2 U
Silver	0.53 U	0.52 U	0.55 U	5.2 U	0.56 U
Sodium	532 U	517 U	551 U	510 J	87.3 U
Thallium	0.33 =	0.13 J	0.43 =	0.22 UJ	0.48 =
Vanadium	10.7 =	3.8 =	13.4 =	20.7 =	15.5 =
Zinc	54.6 =	33.9 =	65.9 =	3180 =	61.6 =

Table I-38. Building and Structures Solids Inorganics (continued)

Location	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Floorsweep Samples Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate
Station	**LL2-152**	**LL2-153**	**LL2-168**	**LL2-173**	**LL2-174**
Sample ID	**LL20918**	**LL20919**	**LL20962**	**LL20975**	**LL20976**
Customer ID	**LL2ss-152-0918-SO**	**LL2ss-153-0919-SO**	**LL2fs-168d-0962-FS**	**LL2ss-173-0975-SO**	**LL2ss-174-0976-SO**
Date	**07/27/2001**	**07/27/2001**	**08/20/2001**	**07/26/2001**	**07/26/2001**
Depth (ft)	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
Aluminum	8840 =	7400 =	4930 =	7050 =	5090 =
Antimony	1.1 UJ	1.1 UJ	48.2 J	1.2 UJ	1.1 UJ
Arsenic	10.6 =	9.2 =	39.2 =	13.1 =	10 =
Arsenic +3			0.000031 =		
Barium	45.6 =	42.1 =	1740 =	38.6 =	22.6 =
Beryllium	0.43 U	0.37 U	0.64 J	0.39 U	0.25 U
Cadmium	0.25 J	0.072 U	255 =	0.58 U	0.54 U
Calcium	18700 J	3230 J	18500 =	6300 =	3020 =
Chromium	11.1 =	8.4 =	329 =	9.2 =	5.9 =
Chromium, hexavalent			1.5 UJ		
Cobalt	7.2 =	10.3 =	42 =	7 =	4.9 =
Copper	21.5 =	17.6 =	392 =	16.1 =	17.7 =
Cyanide			2.4 =		
Iron	19800 =	15400 =	254000 =	17000 =	13000 =
Lead	13.1 =	11 =	26400 =	15.2 =	10.9 =
Magnesium	3480 =	2310 =	3660 =	2390 =	1890 =
Manganese	321 =	426 =	1990 =	303 =	265 =
Mercury	0.011 J	0.11 U	0.19 =	0.012 J	0.018 J
Nickel	16.9 =	14.3 =	112 =	15.6 =	11.1 =
Potassium	1430 J	1320 J	907 =	976 =	525 J
Selenium	2.3 U	2.2 U	8.5 J	2.3 U	2.2 U
Silver	0.57 U	0.56 U	0.71 J	0.58 U	0.54 U
Sodium	566 U	561 U	870 =	582 U	543 U
Thallium	0.93 =	0.72 J	0.49 UJ	0.49 =	0.42 =
Vanadium	13.7 =	11.2 =	38.7 =	11 =	7.7 =
Zinc	256 =	52 =	11100 =	68.2 =	54.1 =

Table I-38. Building and Structures Solids Inorganics (continued)

Location	Ballast and Slag Samples	Ballast and Slag Samples	Ballast and Slag Samples	Pink Water and Washdown Sedimentation Sumps Aggregate	Process Effluent Sumps Inside Buildings Aggregate
Station	**LL2-177**	**LL2-214**	**LL2-216**	**LL2-226**	**LL2-227**
Sample ID	**LL21004**	**LL21158**	**LL21159**	**LL21082**	**LL21084**
Customer ID	**LL2ss-177-1004-SO**	**LL2ss-214b-1158-SO**	**LL2ss-216b-1159-SO**	**LL2sd-226-1082-SD**	**LL2sd-227-1084-SD**
Date	**07/27/2001**	**07/27/2001**	**07/27/2001**	**07/30/2001**	**07/30/2001**
Depth (ft)	**0.0 - 0.0**	**0.0 - 0.0**	**0.0 - 0.0**	**0.0 - 0.5**	**0.0 - 0.5**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
Aluminum	12900 =	28000 =	35200 =	8960 =	19700 =
Antimony	3.1 J	1 UJ	1 UJ	7.4 J	34.1 J
Arsenic	11.3 =	0.55 J	1 J	24.8 J	60.8 =
Arsenic +3					
Barium	170 =	313 =	254 =	1010 J	17500 =
Beryllium	1.4 =	2.9 J	4.7 J	0.88 U	2.3 J
Cadmium	4 =	2.5 U	0.13 U	23.9 J	187 =
Calcium	32900 =	144000 =	192000 =	24000 =	139000 =
Chromium	65.5 =	4.8 =	5.2 =	78.1 J	2760 =
Chromium, hexavalent	1.1 UJ	1 UJ	1 UJ		
Cobalt	9.4 =	0.96 =	0.56 U	11.4 J	227 =
Copper	839 =	0.64 U	3.1 =	344 J	2550 =
Cyanide	0.56 U	0.51 U	0.5 U	3.9 U	23.9 =
Iron	39700 J	2790 J	6890 J	64600 J	251000 =
Lead	597 =	1.4 J	9.9 J	1270 J	23300 =
Magnesium	5000 =	22800 =	22600 =	2510 J	16900 J
Manganese	1310 =	7500 =	5370 =	477 J	1870 =
Mercury	0.12 =	0.1 U	0.1 U	0.52 J	1 =
Nickel	30.4 =	2.5 U	0.61 J	92.7 J	179 =
Potassium	829 =	1750 =	1420 =	1450 J	3090 J
Selenium	0.85 J	10.1 U	1.3 J	5.6 J	7.8 J
Silver	0.96 =	2.5 U	2.5 U	16 =	9.9 =
Sodium	241 J	706 =	632 =	3950 U	1280 J
Thallium	0.4 =	0.11 UJ	0.091 UJ	1.3 J	1.5 J
Vanadium	15.9 =	13.8 J	5.5 J	23.1 J	69.4 =
Zinc	908 =	20.2 U	5.3 =	5370 =	13400 =

Table I-38. Building and Structures Solids Inorganics (continued)

Location	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate
Station	**LL2-228**	**LL2-229**	**LL2-230**
Sample ID	**LL21086**	**LL21088**	**LL21090**
Customer ID	**LL2sd-228-1086-SD**	**LL2sd-229-1088-SD**	**LL2sd-230-1090-SD**
Date	**07/30/2001**	**07/30/2001**	**07/30/2001**
Depth (ft)	**0.0 - 0.5**	**0.0 - 0.5**	**0.0 - 0.5**
Field Type	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)			
Aluminum	7800 =	5460 J	30200 J
Antimony	4.8 J	13.9 J	22.4 J
Arsenic	16.1 J	14.1 =	37.1 =
Arsenic +3			
Barium	1100 J	232 =	376 =
Beryllium	0.59 J	0.43 U	0.65 U
Cadmium	10.2 J	29.3 =	36.7 =
Calcium	122000 =	59400 =	127000 =
Chromium	125 J	263 =	403 =
Chromium, hexavalent			
Cobalt	40.5 J	37.1 J	59.6 J
Copper	330 J	745 =	1010 =
Cyanide	0.84 U	3.3 =	2.5 =
Iron	126000 J	77700 =	317000 =
Lead	852 J	2240 =	3080 =
Magnesium	3910 =	2320 =	5150 =
Manganese	909 J	561 =	2010 =
Mercury	0.39 J	0.22 J	0.96 =
Nickel	55.6 J	46.4 =	264 =
Potassium	1710 =	1080 J	2170 =
Selenium	0.96 J	0.76 J	4.2 J
Silver	0.58 J	3 =	1.9 =
Sodium	210 J	284 J	282 J
Thallium	0.23 J	0.28 UJ	0.61 UJ
Vanadium	11.3 J	12.8 =	22 =
Zinc	912 =	1940 =	1480 =

= - detected, J - estimated, U - not detected, R - rejected.

Table I-39. Building and Structures Solids Explosives and Propellants

Location	Floorsweep Samples Aggregate	Floorsweep Samples Aggregate	Floorsweep Samples Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate
Station	**LL2-125**	**LL2-138**	**LL2-168**	**LL2-226**	**LL2-227**	**LL2-228**	**LL2-229**	**LL2-230**
Sample ID	**LL20849**	**LL20880**	**LL20962**	**LL21082**	**LL21084**	**LL21086**	**LL21088**	**LL21090**
Customer ID	**LL2fs-125d-0849-FS**	**LL2fs-138d-0880-FS**	**LL2fs-168d-0962-FS**	**LL2sd-226-1082-SD**	**LL2sd-227-1084-SD**	**LL2sd-228-1086-SD**	**LL2sd-229-1088-SD**	**LL2sd-230-1090-SD**
Date	**08/20/2001**	**08/20/2001**	**08/20/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**
Depth (ft)	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 0.5**	**0.0 - 0.5**	**0.0 - 0.5**	**0.0 - 0.5**	**0.0 - 0.5**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
1,3,5-Trinitrobenzene	0.25 U	0.25 U	1.3 =		0.87 J	1.2 J	5 U	0.42 =
1,3-Dinitrobenzene	0.25 U	0.52 U	0.75 U		1.2 U	0.37 U	5 U	0.25 U
2,4,6-Trinitrotoluene	15 =	3.2 =	160 =		130 J	39 J	45 =	45 =
2,4-Dinitrotoluene	1.7 U	1.3 =	0.75 U		1.2 U	0.25 U	5 U	0.67 U
2,6-Dinitrotoluene	0.25 U	0.88 U	1.3 U		1.9 U	0.74 U	5 U	1.1 U
2-Amino-4,6-dinitrotoluene	0.89 =	0.31 U	12 =		10 =	6.9 J	5 U	2.7 =
2-Nitrotoluene	1.1 U	1.6 U	0.75 U		1.2 U	0.25 U	5 U	0.61 U
3-Nitrotoluene	0.25 U	0.33 U	0.75 U		1.2 U	1.7 U	10 U	0.29 U
4-Amino-2,6-dinitrotoluene	5.4 U	0.97 U	39 U		28 U	22 J	11 U	8.8 U
4-Nitrotoluene	2.7 U	0.82 U	0.75 U		1.2 U	1.2 U	5 U	0.26 U
HMX	3 =	0.53 U	24 =		270 =	11 J	1100 =	30 =
Nitrobenzene	0.25 U	0.25 U	0.75 U		1.2 U	0.92 U	5 U	0.25 U
Nitrocellulose				12.5 J	124 J	36.5 J	926 =	20.3 =
Nitroglycerin	2.5 U	2.5 U	7.5 U		12 U	2.5 U	50 U	2.5 U
Nitroguanidine				0.16 J	0.11 J	0.073 J	0.079 J	0.18 J
RDX	4.9 =	0.88 U	88 =		14 =	18 J	320 =	25 =
Tetryl	0.65 UJ	0.74 UJ	2 UJ		3.2 U	0.98 U	13 U	0.65 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-40. Building and Structures Solids Pesticides and PCBs

Location	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate
Station	**LL2-070**	**LL2-075**	**LL2-077**	**LL2-084**	**LL2-085**
Sample ID	**LL20702**	**LL20715**	**LL20719**	**LL20738**	**LL20739**
Customer ID	**LL2ss-070-0702-SO**	**LL2ss-075-0715-SO**	**LL2ss-077-0719-SO**	**LL2ss-084-0738-SO**	**LL2ss-085-0739-SO**
Date	**07/25/2001**	**07/25/2001**	**07/25/2001**	**07/25/2001**	**07/25/2001**
Depth (ft)	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
4,4'-DDD			0.002 U		
4,4'-DDE			0.002 U		
4,4'-DDT			0.002 UJ		
Aldrin			0.002 U		
Dieldrin			0.002 U		
Endosulfan I			0.002 U		
Endosulfan II			0.002 U		
Endosulfan sulfate			0.002 U		
Endrin			0.002 U		
Endrin aldehyde			0.002 U		
Endrin ketone			0.002 U		
Heptachlor			0.002 U		
Heptachlor epoxide			0.002 U		
Lindane			0.002 U		
Methoxychlor			0.0038 UJ		
PCB-1016	0.035 U	0.036 U	0.038 U	0.036 U	0.035 U
PCB-1221	0.035 U	0.036 U	0.038 U	0.036 U	0.035 U
PCB-1232	0.035 U	0.036 U	0.038 U	0.036 U	0.035 U
PCB-1242	0.035 U	0.036 U	0.038 U	0.036 U	0.035 U
PCB-1248	0.035 U	0.036 U	0.038 U	0.036 U	0.035 U
PCB-1254	0.035 U	0.036 U	0.038 U	0.036 U	0.035 U
PCB-1260	0.035 U	0.036 U	0.038 U	0.036 U	0.035 U
Toxaphene			0.078 U		
alpha-BHC			0.002 U		
alpha-Chlordane			0.002 U		
beta-BHC			0.002 U		
delta-BHC			0.002 U		
gamma-Chlordane			0.002 U		

Table I-40. Building and Structures Solids Pesticides and PCBs (continued)

Location	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Floorsweep Samples Aggregate
Station	**LL2-091**	**LL2-092**	**LL2-123**	**LL2-124**	**LL2-125**
Sample ID	**LL20755**	**LL20756**	**LL20847**	**LL20848**	**LL20849**
Customer ID	**LL2ss-091-0755-SO**	**LL2ss-092-0756-SO**	**LL2ss-123-0847-SO**	**LL2ss-124-0848-SO**	**LL2fs-125d-0849-FS**
Date	**07/26/2001**	**07/26/2001**	**07/25/2001**	**07/25/2001**	**08/20/2001**
Depth (ft)	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
4,4'-DDD					1.1 U
4,4'-DDE					12 J
4,4'-DDT					1.1 U
Aldrin					1.1 U
Dieldrin					1.1 U
Endosulfan I					1.1 U
Endosulfan II					1.1 U
Endosulfan sulfate					1.1 U
Endrin					1.1 U
Endrin aldehyde					1.1 UJ
Endrin ketone					8.5 J
Heptachlor					1.1 U
Heptachlor epoxide					1.1 U
Lindane					1.1 U
Methoxychlor					1.1 U
PCB-1016	0.037 U	0.036 U	0.036 U	0.36 U	2.2 U
PCB-1221	0.037 U	0.036 U	0.036 U	0.36 U	44 U
PCB-1232	0.037 U	0.036 U	0.036 U	0.36 U	44 U
PCB-1242	0.037 U	0.036 U	0.036 U	0.36 U	44 U
PCB-1248	0.037 U	0.036 U	0.036 U	0.36 U	44 U
PCB-1254	0.037 U	0.036 U	0.036 U	0.63 =	690 =
PCB-1260	0.037 U	0.036 U	0.036 U	0.36 U	44 U
Toxaphene					44 U
alpha-BHC					1.1 U
alpha-Chlordane					1.1 U
beta-BHC					1.1 U
delta-BHC					1.1 R
gamma-Chlordane					4.1 J

Table I-40. Building and Structures Solids Pesticides and PCBs (continued)

Location	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Floorsweep Samples Aggregate	Soil Beneath Building Floor Slabs Aggregate
Station	**LL2-135**	**LL2-136**	**LL2-137**	**LL2-138**	**LL2-151**
Sample ID	**LL20877**	**LL20878**	**LL20879**	**LL20880**	**LL20917**
Customer ID	**LL2ss-135-0877-SO**	**LL2ss-136-0878-SO**	**LL2ss-137-0879-SO**	**LL2fs-138d-0880-FS**	**LL2ss-151-0917-SO**
Date	**07/28/2001**	**07/28/2001**	**07/28/2001**	**08/20/2001**	**07/27/2001**
Depth (ft)	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
4,4'-DDD				1.8 U	
4,4'-DDE				13 J	
4,4'-DDT				1.8 U	
Aldrin				1.8 U	
Dieldrin				9.5 J	
Endosulfan I				1.8 U	
Endosulfan II				1.8 U	
Endosulfan sulfate				12 J	
Endrin				1.8 UJ	
Endrin aldehyde				11 J	
Endrin ketone				1.8 U	
Heptachlor				1.8 U	
Heptachlor epoxide				1.8 U	
Lindane				1.8 U	
Methoxychlor				3.5 U	
PCB-1016	0.035 U	0.034 U	0.036 U	69 U	0.037 U
PCB-1221	0.035 U	0.034 U	0.036 U	69 U	0.037 U
PCB-1232	0.035 U	0.034 U	0.036 U	69 U	0.037 U
PCB-1242	0.035 U	0.034 U	0.036 U	69 U	0.037 U
PCB-1248	0.035 U	0.034 U	0.036 U	69 U	0.037 U
PCB-1254	0.052 =	0.034 U	0.036 U	730 =	0.037 U
PCB-1260	0.035 U	0.034 U	0.036 U	69 U	0.037 U
Toxaphene				70 U	
alpha-BHC				1.8 U	
alpha-Chlordane				1.8 U	
beta-BHC				1.8 U	
delta-BHC				1.8 R	
gamma-Chlordane				5.7 J	

Table I-40. Building and Structures Solids Pesticides and PCBs (continued)

Location	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Floorsweep Samples Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate
Station	**LL2-152**	**LL2-153**	**LL2-168**	**LL2-173**	**LL2-174**
Sample ID	**LL20918**	**LL20919**	**LL20962**	**LL20975**	**LL20976**
Customer ID	**LL2ss-152-0918-SO**	**LL2ss-153-0919-SO**	**LL2fs-168d-0962-FS**	**LL2ss-173-0975-SO**	**LL2ss-174-0976-SO**
Date	**07/27/2001**	**07/27/2001**	**08/20/2001**	**07/26/2001**	**07/26/2001**
Depth (ft)	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
4,4'-DDD			1.3 U		
4,4'-DDE			8.5 J		
4,4'-DDT			1.3 U		
Aldrin			1.3 U		
Dieldrin			1.3 U		
Endosulfan I			1.3 U		
Endosulfan II			1.3 U		
Endosulfan sulfate			1.3 U		
Endrin			1.3 UJ		
Endrin aldehyde			8.3 J		
Endrin ketone			1.3 U		
Heptachlor			1.3 U		
Heptachlor epoxide			1.3 U		
Lindane			1.3 U		
Methoxychlor			2.5 U		
PCB-1016	0.037 U	0.037 U	50 U	0.038 U	0.036 U
PCB-1221	0.037 U	0.037 U	50 U	0.038 U	0.036 U
PCB-1232	0.037 U	0.037 U	50 U	0.038 U	0.036 U
PCB-1242	0.037 U	0.037 U	50 U	0.038 U	0.036 U
PCB-1248	0.037 U	0.037 U	50 U	0.038 U	0.036 U
PCB-1254	0.037 U	0.037 U	790 =	0.038 U	0.036 U
PCB-1260	0.037 U	0.037 U	50 U	0.038 U	0.036 U
Toxaphene			51 U		
alpha-BHC			1.3 U		
alpha-Chlordane			1.3 U		
beta-BHC			1.3 U		
delta-BHC			1.3 R		
gamma-Chlordane			4.4 J		

Table I-40. Building and Structures Solids Pesticides and PCBs (continued)

Location	Pink Water and Washdown Sedimentation Sumps Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate
Station	LL2-226	LL2-227	LL2-228	LL2-229	LL2-230
Sample ID	LL21082	LL21084	LL21086	LL21088	LL21090
Customer ID	LL2sd-226-1082-SD	LL2sd-227-1084-SD	LL2sd-228-1086-SD	LL2sd-229-1088-SD	LL2sd-230-1090-SD
Date	07/30/2001	07/30/2001	07/30/2001	07/30/2001	07/30/2001
Depth (ft)	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5
Field Type	Grab	Grab	Grab	Grab	Grab
Analyte (mg/kg)					
4,4'-DDD	0.27 U	39 U	0.57 U	2 U	1 U
4,4'-DDE	0.3 =	230 J	6.8 =	47 J	10 J
4,4'-DDT	0.27 U	39 U	0.57 U	2 U	1 U
Aldrin	0.27 U	39 U	0.57 U	2 U	1 U
Dieldrin	0.27 U	39 U	0.57 U	4.1 J	1 U
Endosulfan I	0.27 U	39 U	0.57 U	2 U	1 U
Endosulfan II	0.27 U	39 U	0.57 U	2 U	1 U
Endosulfan sulfate	0.27 U	39 U	0.57 U	2 U	1 U
Endrin	0.27 U	39 U	0.57 U	2.8 =	1 U
Endrin aldehyde	0.27 U	200 J	3.1 J	52 J	9.3 J
Endrin ketone	0.27 U	39 U	0.57 U	2 U	1 U
Heptachlor	0.27 U	39 U	0.57 U	2 U	1 U
Heptachlor epoxide	0.27 U	39 U	0.57 U	2 U	1 U
Lindane	0.27 U	39 U	0.57 U	2 U	1 U
Methoxychlor	0.52 U	76 U	1.1 U	3.8 U	2 U
PCB-1016	0.26 U	610 U	28 U	150 U	100 U
PCB-1221	0.26 U	610 U	28 U	150 U	100 U
PCB-1232	0.26 U	610 U	28 U	150 U	100 U
PCB-1242	0.26 U	610 U	28 U	150 U	100 U
PCB-1248	2 =	610 U	28 U	150 U	100 U
PCB-1254	0.26 U	3200 =	170 J	1500 =	570 =
PCB-1260	2.4 =	610 U	28 U	150 U	100 U
Toxaphene	11 UJ	1600 UJ	22 UJ	78 UJ	41 UJ
alpha-BHC	0.27 U	39 U	0.57 U	2 U	1 U
alpha-Chlordane	0.27 U	39 U	0.57 U	2.9 J	1 U
beta-BHC	0.27 U	39 U	0.57 U	2 U	1 U
delta-BHC	0.27 U	39 U	0.57 U	2 U	1 U
gamma-Chlordane	0.27 U	320 J	4.1 J	27 J	5.5 J

= - detected, J - estimated, U - not detected, R - rejected.

Table I-41. Building and Structures Solids Semivolatile Organic Compounds

Location	Soil Beneath Building Floor Slabs Aggregate	Floorsweep Samples Aggregate	Floorsweep Samples Aggregate	Floorsweep Samples Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate
Station	LL2-077	LL2-125	LL2-138	LL2-168	LL2-173	LL2-174
Sample ID	LL20719	LL20849	LL20880	LL20962	LL20975	LL20976
Customer ID	LL2ss-077-0719-SO	LL2fs-125d-0849-FS	LL2fs-138d-0880-FS	LL2fs-168d-0962-FS	LL2ss-173-0975-SO	LL2ss-174-0976-SO
Date	07/25/2001	08/20/2001	08/20/2001	08/20/2001	07/26/2001	07/26/2001
Depth (ft)	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0
Field Type	Grab	Grab	Grab	Grab	Grab	Grab
Analyte (mg/kg)						
1,2,4-Trichlorobenzene	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
1,2-Dichlorobenzene	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
1,3-Dichlorobenzene	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
1,4-Dichlorobenzene	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
2,4,5-Trichlorophenol	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
2,4,6-Trichlorophenol	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
2,4-Dichlorophenol	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
2,4-Dimethylphenol	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
2,4-Dinitrophenol	0.93 U	5.3 UJ	2.1 UJ	3 UJ	0.93 U	0.87 U
2,4-Dinitrotoluene	0.38 U	2.2 UJ	0.14 J	1.3 UJ	0.38 U	0.36 U
2,6-Dinitrotoluene	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
2-Chloronaphthalene	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
2-Chlorophenol	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
2-Methyl-4,6-dinitrophenol	0.93 UJ	5.3 UJ	2.1 UJ	3 UJ	0.93 UJ	0.87 UJ
2-Methylnaphthalene	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
2-Methylphenol	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
2-Nitrobenzenamine	0.93 U	5.3 UJ	2.1 UJ	3 UJ	0.93 U	0.87 U
2-Nitrophenol	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
3,3'-Dichlorobenzidine	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 R	0.36 R
3-Nitrobenzenamine	0.93 U	5.3 UJ	2.1 UJ	3 UJ	0.93 U	0.87 U
4-Bromophenyl phenyl ether	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
4-Chloro-3-methylphenol	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
4-Chlorobenzenamine	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
4-Chlorophenyl phenyl ether	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U

Table I-41. Building and Structures Solids Semivolatile Organic Compounds (continued)

Location	Soil Beneath Building Floor Slabs Aggregate	Floorsweep Samples Aggregate	Floorsweep Samples Aggregate	Floorsweep Samples Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate
Station	**LL2-077**	**LL2-125**	**LL2-138**	**LL2-168**	**LL2-173**	**LL2-174**
Sample ID	**LL20719**	**LL20849**	**LL20880**	**LL20962**	**LL20975**	**LL20976**
Customer ID	**LL2ss-077-0719-SO**	**LL2fs-125d-0849-FS**	**LL2fs-138d-0880-FS**	**LL2fs-168d-0962-FS**	**LL2ss-173-0975-SO**	**LL2ss-174-0976-SO**
Date	**07/25/2001**	**08/20/2001**	**08/20/2001**	**08/20/2001**	**07/26/2001**	**07/26/2001**
Depth (ft)	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)						
4-Methylphenol	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
4-Nitrobenzenamine	0.93 U	5.3 UJ	2.1 UJ	3 UJ	0.93 U	0.87 U
4-Nitrophenol	0.93 U	5.3 UJ	2.1 UJ	3 UJ	0.93 U	0.87 U
Acenaphthene	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
Acenaphthylene	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
Anthracene	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
Benz(a)anthracene	0.38 U	0.89 J	0.33 J	2 J	0.38 U	0.36 U
Benzenemethanol	0.38 U	2.2 UJ	0.87 UJ	1.3 U	0.38 U	0.36 U
Benzo(a)pyrene	0.38 U	1.1 J	0.24 J	2.4 J	0.38 U	0.36 U
Benzo(b)fluoranthene	0.38 U	3.8 J	0.88 J	4.6 J	0.38 U	0.36 U
Benzo(ghi)perylene	0.38 U	0.82 J	0.26 J	1.6 J	0.38 U	0.36 U
Benzo(k)fluoranthene	0.38 U	1.6 J	0.37 J	2.9 J	0.38 U	0.36 U
Benzoic acid	1.9 U	11 UJ	4.2 UJ	6.1 UJ	1.9 U	1.7 U
Bis(2-chloroethoxy)methane	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
Bis(2-chloroethyl) ether	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
Bis(2-chloroisopropyl) ether	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
Bis(2-ethylhexyl)phthalate	0.38 U	1.4 J	0.72 J	0.47 J	0.38 U	0.36 U
Butyl benzyl phthalate	0.38 U	2.2 UJ	6.1 J	1.3 UJ	0.38 U	0.36 U
Carbazole	0.38 U	0.44 J	0.87 UJ	0.45 J	0.38 U	0.36 U
Chrysene	0.38 U	4.5 J	0.83 J	5.2 J	0.38 U	0.36 U
Di-n-butyl phthalate	0.38 U	1.3 J	0.87 UJ	5.2 J	0.38 U	0.36 U
Di-n-octylphthalate	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
Dibenz(a,h)anthracene	0.38 U	2.2 UJ	0.87 UJ	0.5 J	0.38 U	0.36 U
Dibenzofuran	0.38 U	0.5 J	0.87 UJ	1.3 UJ	0.38 U	0.36 U

Table I-41. Building and Structures Solids Semivolatile Organic Compounds (continued)

Location	Soil Beneath Building Floor Slabs Aggregate	Floorsweep Samples Aggregate	Floorsweep Samples Aggregate	Floorsweep Samples Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate
Station	**LL2-077**	**LL2-125**	**LL2-138**	**LL2-168**	**LL2-173**	**LL2-174**
Sample ID	**LL20719**	**LL20849**	**LL20880**	**LL20962**	**LL20975**	**LL20976**
Customer ID	**LL2ss-077-0719-SO**	**LL2fs-125d-0849-FS**	**LL2fs-138d-0880-FS**	**LL2fs-168d-0962-FS**	**LL2ss-173-0975-SO**	**LL2ss-174-0976-SO**
Date	**07/25/2001**	**08/20/2001**	**08/20/2001**	**08/20/2001**	**07/26/2001**	**07/26/2001**
Depth (ft)	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)						
Diethyl phthalate	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
Dimethyl phthalate	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
Fluoranthene	0.38 U	13 J	2.1 J	9.6 J	0.38 U	0.36 U
Fluorene	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
Hexachlorobenzene	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
Hexachlorobutadiene	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
Hexachlorocyclopentadiene	0.38 R	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
Hexachloroethane	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
Indeno(1,2,3-cd)pyrene	0.38 U	0.86 J	0.23 J	1.4 J	0.38 U	0.36 U
Isophorone	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
N-Nitroso-di-n-propylamine	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
N-Nitrosodiphenylamine	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
Naphthalene	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
Nitrobenzene	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
Pentachlorophenol	0.38 U	2.2 UJ	0.87 UJ	3.4 J	0.38 U	0.36 U
Phenanthrene	0.38 U	8.4 J	0.64 J	4.8 J	0.38 U	0.36 U
Phenol	0.38 U	2.2 UJ	0.87 UJ	1.3 UJ	0.38 U	0.36 U
Pyrene	0.38 U	10 J	1.4 J	7.4 J	0.38 U	0.36 U

Table I-41. Building and Structures Solids Semivolatile Organic Compounds (continued)

Location	Pink Water and Washdown Sedimentation Sumps Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate
Station	**LL2-226**	**LL2-227**	**LL2-228**	**LL2-229**	**LL2-230**
Sample ID	**LL21082**	**LL21084**	**LL21086**	**LL21088**	**LL21090**
Customer ID	**LL2sd-226-1082-SD**	**LL2sd-227-1084-SD**	**LL2sd-228-1086-SD**	**LL2sd-229-1088-SD**	**LL2sd-230-1090-SD**
Date	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**
Depth (ft)	**0.0 - 0.5**	**0.0 - 0.5**	**0.0 - 0.5**	**0.0 - 0.5**	**0.0 - 0.5**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
1,2,4-Trichlorobenzene	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
1,2-Dichlorobenzene	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
1,3-Dichlorobenzene	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
1,4-Dichlorobenzene	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
2,4,5-Trichlorophenol	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
2,4,6-Trichlorophenol	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
2,4-Dichlorophenol	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
2,4-Dimethylphenol	2.6 UJ	31 UJ	2.2 UJ	0.77 UJ	10 UJ
2,4-Dinitrophenol	6.3 U	74 U	5.4 UJ	1.9 UJ	24 U
2,4-Dinitrotoluene	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
2,6-Dinitrotoluene	2.6 U	31 U	2.2 UJ	0.43 J	10 U
2-Chloronaphthalene	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
2-Chlorophenol	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
2-Methyl-4,6-dinitrophenol	6.3 U	74 U	5.4 UJ	1.9 UJ	24 U
2-Methylnaphthalene	2.6 U	31 U	2.2 UJ	0.77 UJ	2.1 J
2-Methylphenol	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
2-Nitrobenzenamine	6.3 U	74 U	5.4 UJ	1.9 UJ	24 U
2-Nitrophenol	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
3,3'-Dichlorobenzidine	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
3-Nitrobenzenamine	6.3 U	74 U	5.4 UJ	1.9 UJ	24 U
4-Bromophenyl phenyl ether	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
4-Chloro-3-methylphenol	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
4-Chlorobenzenamine	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
4-Chlorophenyl phenyl ether	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U

Table I-41. Building and Structures Solids Semivolatile Organic Compounds (continued)

Location	Pink Water and Washdown Sedimentation Sumps Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate
Station	**LL2-226**	**LL2-227**	**LL2-228**	**LL2-229**	**LL2-230**
Sample ID	**LL21082**	**LL21084**	**LL21086**	**LL21088**	**LL21090**
Customer ID	**LL2sd-226-1082-SD**	**LL2sd-227-1084-SD**	**LL2sd-228-1086-SD**	**LL2sd-229-1088-SD**	**LL2sd-230-1090-SD**
Date	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**
Depth (ft)	**0.0 - 0.5**	**0.0 - 0.5**	**0.0 - 0.5**	**0.0 - 0.5**	**0.0 - 0.5**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
4-Methylphenol	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
4-Nitrobenzenamine	6.3 U	74 U	5.4 UJ	1.9 UJ	24 U
4-Nitrophenol	6.3 U	74 U	5.4 UJ	1.9 UJ	24 U
Acenaphthene	2.6 U	31 U	2.2 UJ	0.77 UJ	6.5 J
Acenaphthylene	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
Anthracene	2.6 U	31 U	2.2 UJ	0.77 UJ	12 =
Benz(a)anthracene	2.6 U	31 U	2.2 UJ	0.77 UJ	25 =
Benzenemethanol	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
Benzo(a)pyrene	2.6 U	31 U	2.2 UJ	0.77 UJ	23 =
Benzo(b)fluoranthene	2.6 U	31 U	2.2 UJ	0.27 J	29 =
Benzo(ghi)perylene	2.6 U	31 U	2.2 UJ	0.77 UJ	9.9 J
Benzo(k)fluoranthene	2.6 U	31 U	2.2 UJ	0.77 UJ	12 =
Benzoic acid	13 U	150 U	11 UJ	1.2 J	48 U
Bis(2-chloroethoxy)methane	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
Bis(2-chloroethyl) ether	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
Bis(2-chloroisopropyl) ether	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
Bis(2-ethylhexyl)phthalate	2.6 U	31 U	2.2 UJ	1 J	10 U
Butyl benzyl phthalate	0.5 J	31 U	2.2 UJ	0.77 UJ	10 U
Carbazole	2.6 U	31 U	2.2 UJ	0.77 UJ	6.2 J
Chrysene	2.6 U	31 U	2.2 UJ	0.77 UJ	31 =
Di-n-butyl phthalate	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
Di-n-octylphthalate	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
Dibenz(a,h)anthracene	2.6 U	31 U	2.2 UJ	0.77 UJ	2.9 J
Dibenzofuran	2.6 U	31 U	2.2 UJ	0.77 UJ	3.7 J

Table I-41. Building and Structures Solids Semivolatile Organic Compounds (continued)

Location	Pink Water and Washdown Sedimentation Sumps Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate
Station	**LL2-226**	**LL2-227**	**LL2-228**	**LL2-229**	**LL2-230**
Sample ID	**LL21082**	**LL21084**	**LL21086**	**LL21088**	**LL21090**
Customer ID	**LL2sd-226-1082-SD**	**LL2sd-227-1084-SD**	**LL2sd-228-1086-SD**	**LL2sd-229-1088-SD**	**LL2sd-230-1090-SD**
Date	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**
Depth (ft)	**0.0 - 0.5**	**0.0 - 0.5**	**0.0 - 0.5**	**0.0 - 0.5**	**0.0 - 0.5**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
Diethyl phthalate	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
Dimethyl phthalate	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
Fluoranthene	2.6 U	6.9 J	2.2 UJ	0.65 J	58 J
Fluorene	2.6 U	31 U	2.2 UJ	0.77 UJ	7 J
Hexachlorobenzene	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
Hexachlorobutadiene	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
Hexachlorocyclopentadiene	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
Hexachloroethane	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
Indeno(1,2,3-cd)pyrene	2.6 U	31 U	2.2 UJ	0.77 UJ	8.8 J
Isophorone	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
N-Nitroso-di-n-propylamine	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
N-Nitrosodiphenylamine	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
Naphthalene	2.6 U	31 U	2.2 UJ	0.77 UJ	10 =
Nitrobenzene	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
Pentachlorophenol	2.6 U	31 U	2.2 UJ	0.83 J	10 U
Phenanthrene	2.6 U	31 U	2.2 UJ	0.17 J	60 J
Phenol	2.6 U	31 U	2.2 UJ	0.77 UJ	10 U
Pyrene	2.6 U	7.2 J	2.2 UJ	0.48 J	63 J

= - detected, J - estimated, U - not detected, R - rejected.

Table I-42. Building and Structures Solids Volatile Organic Compounds

Location	Soil Beneath Building Floor Slabs Aggregate	Floorsweep Samples Aggregate	Floorsweep Samples Aggregate	Floorsweep Samples Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate
Station	**LL2-077**	**LL2-125**	**LL2-138**	**LL2-168**	**LL2-226**
Sample ID	**LL20719**	**LL20849**	**LL20880**	**LL20962**	**LL21082**
Customer ID	**LL2ss-077-0719-SO**	**LL2fs-125d-0849-FS**	**LL2fs-138d-0880-FS**	**LL2fs-168d-0962-FS**	**LL2sd-226-1082-SD**
Date	**07/25/2001**	**08/20/2001**	**08/20/2001**	**08/20/2001**	**07/30/2001**
Depth (ft)	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 1.0**	**0.0 - 0.5**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
1,1,1-Trichloroethane	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
1,1,2,2-Tetrachloroethane	0.0058 U	0.0066 UJ	0.0052 U	0.0076 U	0.039 UJ
1,1,2-Trichloroethane	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
1,1-Dichloroethane	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
1,1-Dichloroethene	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
1,2-Dibromoethane	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
1,2-Dichloroethane	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
1,2-Dichloroethene	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
1,2-Dichloropropane	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
2-Butanone	0.0084 J	0.026 UJ	0.021 UJ	0.03 UJ	0.26 J
2-Hexanone	0.023 U	0.026 U	0.021 U	0.03 U	0.16 U
4-Methyl-2-pentanone	0.023 U	0.026 U	0.021 U	0.03 U	0.16 U
Acetone	0.073 =	0.026 UJ	0.021 UJ	0.03 UJ	0.8 J
Benzene	0.0058 U	0.0012 J	0.0014 J	0.0076 U	0.039 U
Bromochloromethane	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
Bromodichloromethane	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
Bromoform	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
Bromomethane	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
Carbon disulfide	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.013 J
Carbon tetrachloride	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
Chlorobenzene	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
Chloroethane	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
Chloroform	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
Chloromethane	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
Dibromochloromethane	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
Dimethylbenzene	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 UJ
Ethylbenzene	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
Methylene chloride	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
Styrene	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
Tetrachloroethene	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
Toluene	0.00074 J	0.014 =	0.011 =	0.0079 =	0.0046 J
Trichloroethene	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
Vinyl chloride	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
cis-1,3-Dichloropropene	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U
trans-1,3-Dichloropropene	0.0058 U	0.0066 U	0.0052 U	0.0076 U	0.039 U

Table I-42. Building and Structures Solids Volatile Organic Compounds (continued)

Location	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate
Station	**LL2-227**	**LL2-228**	**LL2-229**	**LL2-230**
Sample ID	**LL21084**	**LL21086**	**LL21088**	**LL21090**
Customer ID	**LL2sd-227-1084-SD**	**LL2sd-228-1086-SD**	**LL2sd-229-1088-SD**	**LL2sd-230-1090-SD**
Date	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**
Depth (ft)	**0.0 - 0.5**	**0.0 - 0.5**	**0.0 - 0.5**	**0.0 - 0.5**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)				
1,1,1-Trichloroethane	0.046 U	0.0099 U	0.012 U	0.015 U
1,1,2,2-Tetrachloroethane	0.046 U	0.0099 U	0.012 U	0.015 U
1,1,2-Trichloroethane	0.046 U	0.0099 U	0.012 U	0.015 U
1,1-Dichloroethane	0.046 U	0.0099 U	0.012 U	0.015 U
1,1-Dichloroethene	0.046 U	0.0099 U	0.012 U	0.015 U
1,2-Dibromoethane	0.046 U	0.0099 U	0.012 U	0.015 U
1,2-Dichloroethane	0.046 U	0.0099 U	0.012 U	0.015 U
1,2-Dichloroethene	0.046 U	0.0099 U	0.012 U	0.015 U
1,2-Dichloropropane	0.046 U	0.0099 U	0.012 U	0.015 U
2-Butanone	0.19 U	0.017 J	0.047 U	0.061 U
2-Hexanone	0.19 U	0.039 U	0.047 U	0.061 U
4-Methyl-2-pentanone	0.19 U	0.039 U	0.047 U	0.061 U
Acetone	0.092 J	0.062 J	0.048 UJ	0.061 UJ
Benzene	0.046 U	0.0099 U	0.012 U	0.015 U
Bromochloromethane	0.046 U	0.0099 U	0.012 U	0.015 U
Bromodichloromethane	0.046 U	0.0099 U	0.012 U	0.015 U
Bromoform	0.046 U	0.0099 U	0.012 U	0.015 U
Bromomethane	0.046 U	0.0099 U	0.012 U	0.015 U
Carbon disulfide	0.046 U	0.0099 U	0.012 U	0.015 U
Carbon tetrachloride	0.046 U	0.0099 U	0.012 U	0.015 U
Chlorobenzene	0.046 U	0.0099 U	0.012 U	0.015 U
Chloroethane	0.046 U	0.0099 U	0.012 U	0.015 U
Chloroform	0.046 U	0.0099 U	0.012 U	0.015 U
Chloromethane	0.046 U	0.0099 U	0.012 U	0.015 U
Dibromochloromethane	0.046 U	0.0099 U	0.012 U	0.015 U
Dimethylbenzene	0.046 UJ	0.0099 U	0.012 U	0.015 U
Ethylbenzene	0.046 U	0.0099 U	0.012 U	0.015 U
Methylene chloride	0.046 U	0.0099 U	0.012 U	0.015 U
Styrene	0.046 U	0.0099 U	0.012 U	0.015 U
Tetrachloroethene	0.046 U	0.0099 U	0.012 U	0.015 U
Toluene	0.009 J	0.0099 U	0.012 U	0.015 U
Trichloroethene	0.046 U	0.0099 U	0.012 U	0.015 U
Vinyl chloride	0.046 U	0.0099 U	0.012 U	0.015 U
cis-1,3-Dichloropropene	0.046 U	0.0099 U	0.012 U	0.015 U
trans-1,3-Dichloropropene	0.046 U	0.0099 U	0.012 U	0.015 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-43. Building and Structures Liquids Inorganics

Location	Pink Water and Washdown Sedimentation Sumps Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate
Station	**LL2-226**	**LL2-226**	**LL2-227**	**LL2-228**	**LL2-229**	**LL2-230**
Sample ID	**LL21083**	**LL21188**	**LL21085**	**LL21087**	**LL21089**	**LL21091**
Customer ID	**LL2sw-226-1083-SW**	**LL2sw-226-1188-SW**	**LL2sw-227-1085-SW**	**LL2sw-228-1087-SW**	**LL2sw-229-1089-SW**	**LL2sw-230-1091-SW**
Date	**07/29/2001**	**07/29/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**
Filtered	**Total**	**Total**	**Total**	**Total**	**Total**	**Total**
Field Type	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/L)						
Aluminum	0.11 U	0.12 U	0.18 U	0.12 U	0.21 U	0.13 J
Antimony	0.01 U	0.01 U	0.01 U	0.01 U	0.21 =	0.18 =
Arsenic	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U
Barium	0.1 =	0.11 =	0.027 =	0.038 =	0.016 =	0.012 =
Beryllium	0.005 U	0.00071 U	0.005 U	0.005 U	0.00058 U	0.005 U
Cadmium	0.0029 J	0.0025 J	0.0018 J	0.0017 J	0.0029 J	0.006 =
Calcium	35.7 =	36.6 =	21.7 =	32.7 =	22.9 =	24.1 J
Chromium	0.005 U	0.005 U	0.0014 J	0.0015 J	0.0072 =	0.005 U
Cobalt	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0015 U
Copper	0.015 U	0.015 U	0.014 J	0.02 =	0.022 =	0.022 =
Cyanide	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Iron	4.3 =	4 =	0.3 U	0.3 U	0.11 J	0.26 J
Lead	0.038 =	0.034 =	0.033 =	0.022 =	0.031 =	0.15 =
Magnesium	1.9 J	1.9 J	0.78 J	1.7 J	1.2 J	0.7 J
Manganese	0.33 =	0.33 =	0.0046 U	0.0091 J	0.0054 J	0.021 =
Mercury	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	0.025 U	0.0037 J	0.025 U	0.0036 J	0.025 U	0.025 U
Potassium	17.8 =	18.3 =	21 =	43 =	26.4 =	13.2 J
Selenium	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Silver	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Sodium	7 =	7.2 =	9.7 =	21.2 =	11.6 =	5.2 =
Thallium	0.002 UJ	0.002 UJ	0.002 UJ	0.002 UJ	0.002 UJ	0.002 UJ
Vanadium	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.0013 U
Zinc	0.1 =	0.093 =	0.059 =	0.099 =	0.077 =	0.13 J

= - detected, J - estimated, U - not detected, R - rejected.

Table I-44. Building and Structures Liquids Explosives and Propellants

Location	Pink Water and Washdown Sedimentation Sumps Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate
Station	**LL2-226**	**LL2-226**	**LL2-227**	**LL2-228**	**LL2-229**	**LL2-230**
Sample ID	**LL21083**	**LL21188**	**LL21085**	**LL21087**	**LL21089**	**LL21091**
Customer ID	**LL2sw-226-1083-SW**	**LL2sw-226-1188-SW**	**LL2sw-227-1085-SW**	**LL2sw-228-1087-SW**	**LL2sw-229-1089-SW**	**LL2sw-230-1091-SW**
Date	**07/29/2001**	**07/29/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**
Filtered	**Total**	**Total**	**Total**	**Total**	**Total**	**Total**
Field Type	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/L)						
1,3,5-Trinitrobenzene	0.0002 U	0.0002 U	0.0013 =	0.0002 U	0.0002 U	0.0002 U
1,3-Dinitrobenzene	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
2,4,6-Trinitrotoluene	0.0002 U	0.0002 U	0.12 =	0.014 =	0.0025 =	0.0014 =
2,4-Dinitrotoluene	0.00013 U	0.00013 U	0.00046 U	0.00025 =	0.0002 =	0.00013 U
2,6-Dinitrotoluene	0.00013 U	0.00013 U	0.0026 U	0.0051 U	0.0024 U	0.00013 U
2-Amino-4,6-dinitrotoluene	0.0002 U	0.00013 J	0.065 =	0.013 =	0.005 =	0.0056 =
2-Nitrotoluene	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
3-Nitrotoluene	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
4-Amino-2,6-dinitrotoluene	0.00035 =	0.00034 =	0.093 =	0.036 =	0.011 =	0.018 =
4-Nitrotoluene	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
HMX	0.0017 =	0.0031 U	0.05 =	0.18 =	0.02 =	0.074 =
Nitrobenzene	0.0002 U	0.0002 U	0.0002 U	0.001 U	0.0002 U	0.0002 U
Nitrocellulose	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Nitroglycerin	0.0025 U	0.0025 U	0.012 U	0.0033 U	0.0025 U	0.0025 U
Nitroguanidine	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
RDX	0.0035 =	0.0039 =	0.11 =	0.25 =	0.076 =	0.32 =
Tetryl	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-45. Building and Structures Liquids Pesticides and PCBs

Location	Pink Water and Washdown Sedimentation Sumps Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate
Station	**LL2-226**	**LL2-226**	**LL2-227**	**LL2-228**	**LL2-229**	**LL2-230**
Sample ID	**LL21083**	**LL21188**	**LL21085**	**LL21087**	**LL21089**	**LL21091**
Customer ID	**LL2sw-226-1083-SW**	**LL2sw-226-1188-SW**	**LL2sw-227-1085-SW**	**LL2sw-228-1087-SW**	**LL2sw-229-1089-SW**	**LL2sw-230-1091-SW**
Date	**07/29/2001**	**07/29/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**
Filtered	**Total**	**Total**	**Total**	**Total**	**Total**	**Total**
Field Type	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/L)						
4,4'-DDD	0.0001 U	0.0001 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDE	0.0001 U	0.0001 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDT	0.0001 UJ	0.0001 UJ	0.00025 U	0.00005 UJ	0.00005 UJ	0.00005 UJ
Aldrin	0.0001 U	0.0001 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
Dieldrin	0.0001 U	0.0001 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan I	0.0001 U	0.0001 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan II	0.0001 U	0.0001 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan sulfate	0.0001 U	0.0001 U	0.00025 U	0.00005 U	0.00005 U	0.000071 J
Endrin	0.0001 U	0.0001 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
Endrin aldehyde	0.0001 U	0.0001 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
Endrin ketone	0.0001 U	0.0001 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor	0.0001 U	0.0001 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor epoxide	0.0001 U	0.0001 U	0.00025 U	0.00005 U	0.00005 U	0.00005 UJ
Lindane	0.0001 U	0.0001 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
Methoxychlor	0.0002 UJ	0.0002 UJ	0.0005 U	0.0001 UJ	0.0001 UJ	0.0001 UJ
PCB-1016	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1221	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1232	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1242	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1248	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1254	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.00057 =	0.0011 =
PCB-1260	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Toxaphene	0.004 U	0.004 U	0.01 U	0.002 U	0.002 U	0.002 U
alpha-BHC	0.0001 U	0.0001 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
alpha-Chlordane	0.0001 U	0.0001 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
beta-BHC	0.0001 U	0.0001 U	0.00025 U	0.00005 U	0.00005 U	0.000066 J
delta-BHC	0.0001 U	0.0001 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U
gamma-Chlordane	0.0001 U	0.0001 U	0.00025 U	0.00005 U	0.00005 U	0.00005 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-46. Building and Structures Liquids Semivolatile Organic Compounds

Location	Pink Water and Washdown Sedimentation Sumps Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate
Station	**LL2-226**	**LL2-226**	**LL2-227**	**LL2-228**	**LL2-229**	**LL2-230**
Sample ID	**LL21083**	**LL21188**	**LL21085**	**LL21087**	**LL21089**	**LL21091**
Customer ID	**LL2sw-226-1083-SW**	**LL2sw-226-1188-SW**	**LL2sw-227-1085-SW**	**LL2sw-228-1087-SW**	**LL2sw-229-1089-SW**	**LL2sw-230-1091-SW**
Date	**07/29/2001**	**07/29/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**
Filtered	**Total**	**Total**	**Total**	**Total**	**Total**	**Total**
Field Type	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/L)						
1,2,4-Trichlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-Dichlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,3-Dichlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,4-Dichlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4,5-Trichlorophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4,6-Trichlorophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dichlorophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dimethylphenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dinitrophenol	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4-Dinitrotoluene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,6-Dinitrotoluene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chloronaphthalene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chlorophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Methyl-4,6-dinitrophenol	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Methylnaphthalene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Methylphenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Nitrobenzenamine	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitrophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
3,3'-Dichlorobenzidine	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
3-Nitrobenzenamine	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
4-Bromophenyl phenyl ether	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chloro-3-methylphenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorobenzenamine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

Table I-46. Building and Structures Liquids Semivolatile Organic Compounds (continued)

Location	Pink Water and Washdown Sedimentation Sumps Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate
Station	**LL2-226**	**LL2-226**	**LL2-227**	**LL2-228**	**LL2-229**	**LL2-230**
Sample ID	**LL21083**	**LL21188**	**LL21085**	**LL21087**	**LL21089**	**LL21091**
Customer ID	**LL2sw-226-1083-SW**	**LL2sw-226-1188-SW**	**LL2sw-227-1085-SW**	**LL2sw-228-1087-SW**	**LL2sw-229-1089-SW**	**LL2sw-230-1091-SW**
Date	**07/29/2001**	**07/29/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**
Filtered	**Total**	**Total**	**Total**	**Total**	**Total**	**Total**
Field Type	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/L)						
4-Chlorophenyl phenyl ether	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methylphenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Nitrobenzenamine	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
4-Nitrophenol	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acenaphthylene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Anthracene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benz(a)anthracene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzenemethanol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(a)pyrene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(b)fluoranthene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(ghi)perylene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(k)fluoranthene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzoic acid	0.0038 J	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U
Bis(2-chloroethoxy)methane	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Bis(2-chloroethyl) ether	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Bis(2-chloroisopropyl) ether	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Bis(2-ethylhexyl)phthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Butyl benzyl phthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Carbazole	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chrysene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-butyl phthalate	0.0012 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-octylphthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

Table I-46. Building and Structures Liquids Semivolatile Organic Compounds (continued)

Location	Pink Water and Washdown Sedimentation Sumps Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate
Station	**LL2-226**	**LL2-226**	**LL2-227**	**LL2-228**	**LL2-229**	**LL2-230**
Sample ID	**LL21083**	**LL21188**	**LL21085**	**LL21087**	**LL21089**	**LL21091**
Customer ID	**LL2sw-226-1083-SW**	**LL2sw-226-1188-SW**	**LL2sw-227-1085-SW**	**LL2sw-228-1087-SW**	**LL2sw-229-1089-SW**	**LL2sw-230-1091-SW**
Date	**07/29/2001**	**07/29/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**
Filtered	**Total**	**Total**	**Total**	**Total**	**Total**	**Total**
Field Type	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/L)						
Dibenz(a,h)anthracene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dibenzofuran	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Diethyl phthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dimethyl phthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 R
Fluoranthene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Fluorene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorocyclopentadiene	0.01 R	0.01 R	0.01 R	0.01 R	0.01 R	0.01 R
Hexachloroethane	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Isophorone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitroso-di-n-propylamine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodiphenylamine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Naphthalene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenanthrene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pyrene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-47. Building and Structures Liquids Volatile Organic Compounds

Location	Pink Water and Washdown Sedimentation Sumps Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate
Station	**LL2-226**	**LL2-226**	**LL2-227**	**LL2-228**	**LL2-229**	**LL2-230**
Sample ID	**LL21083**	**LL21188**	**LL21085**	**LL21087**	**LL21089**	**LL21091**
Customer ID	**LL2sw-226-1083-SW**	**LL2sw-226-1188-SW**	**LL2sw-227-1085-SW**	**LL2sw-228-1087-SW**	**LL2sw-229-1089-SW**	**LL2sw-230-1091-SW**
Date	**07/29/2001**	**07/29/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**
Filtered	**Total**	**Total**	**Total**	**Total**	**Total**	**Total**
Field Type	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/L)						
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone	0.001 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromochloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table I-47. Building and Structures Liquids Volatile Organic Compounds (continued)

Location	Pink Water and Washdown Sedimentation Sumps Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate
Station	**LL2-226**	**LL2-226**	**LL2-227**	**LL2-228**	**LL2-229**	**LL2-230**
Sample ID	**LL21083**	**LL21188**	**LL21085**	**LL21087**	**LL21089**	**LL21091**
Customer ID	**LL2sw-226-1083-SW**	**LL2sw-226-1188-SW**	**LL2sw-227-1085-SW**	**LL2sw-228-1087-SW**	**LL2sw-229-1089-SW**	**LL2sw-230-1091-SW**
Date	**07/29/2001**	**07/29/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**	**07/30/2001**
Filtered	**Total**	**Total**	**Total**	**Total**	**Total**	**Total**
Field Type	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/L)						
Dibromochloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dimethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-48. Quality Control Liquids Inorganic Constituents

Location	Quality Control	Quality Control
Station	QC	QC
Sample ID	LL21214	LL21218
Customer ID		
Date	07/30/2001	07/31/2001
Filtered	Total	Total
Field Type	Equipment Rinsate	Potable Water
Analyte (mg/kg)		
Cyanide	0.01 U	0.01 U
Chromium, hexavalent	0.02 U	0.02 U
Aluminum	0.085 U	0.14 J
Antimony	0.01 U	0.01 U
Arsenic	0.015 U	0.015 U
Barium	0.01 U	0.038 =
Beryllium	0.005 U	0.005 U
Cadmium	0.005 U	0.005 U
Calcium	5 U	50.9 J
Chromium	0.005 U	0.005 U
Cobalt	0.005 U	0.005 U
Copper	0.015 U	0.015 U
Iron	0.3 U	0.13 J
Lead	0.01 U	0.01 U
Magnesium	5 U	14.8 =
Manganese	0.0015 U	0.0047 J
Mercury	0.0002 U	0.0002 U
Nickel	0.025 U	0.025 U
Potassium	0.2 U	5.5 J
Selenium	0.02 U	0.02 U
Silver	0.005 U	0.005 U
Sodium	5 U	54.8 =
Thallium	0.002 U	0.002 UJ
Vanadium	0.007 U	0.007 U
Zinc	0.04 U	0.12 J

= - detected, J - estimated, U - not detected, R - rejected, QC-quality control.

Table I-49. Quality Control Liquids Propellants and Explosives Constituents

Station	QC	QC
Sample ID	**LL21214**	**LL21218**
Date	**07/30/2001**	**07/31/2001**
Filtered	**Total**	**Total**
Field Type	**Equipment Rinsate**	**Potable Water**
Analyte (mg/L)		
1,3,5-Trinitrobenzene	0.0002 U	0.0002 U
1,3-Dinitrobenzene	0.0002 U	0.0002 U
2,4,6-Trinitrotoluene	0.0002 U	0.0002 U
2,4-Dinitrotoluene	0.00013 U	0.00013 U
2,6-Dinitrotoluene	0.00013 U	0.00013 U
2-Amino-4,6-dinitrotoluene	0.0002 U	0.0002 U
2-Nitrotoluene	0.0002 U	0.0002 U
3-Nitrotoluene	0.0002 U	0.0002 U
4-Amino-2,6-dinitrotoluene	0.0002 U	0.0002 U
4-Nitrotoluene	0.0002 U	0.0002 U
HMX	0.0005 U	0.0005 U
Nitrobenzene	0.0002 U	0.0002 U
Nitrocellulose	0.5 U	0.5 U
Nitroglycerin	0.0025 U	0.0025 U
Nitroguanidine	0.02 U	0.02 U
RDX	0.0005 U	0.0005 U
Tetryl	0.0002 U	0.0002 U

= - detected, J - estimated, U - not detected, R - rejected, QC-quality control.

Table I-50. Quality Control Liquids Pesticides/PCB Constituents

Station	QC	QC
Sample ID	LL21214	LL21218
Date	07/30/2001	07/31/2001
Filtered	Total	Total
Field Type	Equipment Rinsate	Potable Water
Analyte (mg/L)		
4,4'-DDD	0.00005 U	0.00005 U
4,4'-DDE	0.00005 U	0.00005 U
4,4'-DDT	0.00005 UJ	0.00005 UJ
Aldrin	0.00005 U	0.00005 U
Dieldrin	0.00005 U	0.00005 U
Endosulfan I	0.00005 U	0.00005 U
Endosulfan II	0.00005 U	0.00005 U
Endosulfan sulfate	0.00005 U	0.00005 U
Endrin	0.00005 U	0.00005 U
Endrin aldehyde	0.00005 U	0.00005 U
Endrin ketone	0.00005 U	0.00005 U
Heptachlor	0.00005 U	0.00005 UJ
Heptachlor epoxide	0.00005 U	0.00005 U
Lindane	0.00005 U	0.00005 U
Methoxychlor	0.0001 UJ	0.0001 UJ
PCB-1016	0.0005 U	0.0005 U
PCB-1221	0.0005 U	0.0005 U
PCB-1232	0.0005 U	0.0005 U
PCB-1242	0.0005 U	0.0005 U
PCB-1248	0.0005 U	0.0005 U
PCB-1254	0.0005 U	0.0005 U
PCB-1260	0.0005 U	0.0005 U
Toxaphene	0.002 U	0.002 U
alpha-BHC	0.00005 U	0.00005 U
alpha-Chlordane	0.00005 U	0.00005 U
beta-BHC	0.00005 U	0.00005 U
delta-BHC	0.00005 U	0.00005 U
gamma-Chlordane	0.00005 U	0.00005 U

= - detected, J - estimated, U - not detected, R - rejected, QC-quality control.

Table I-51. Quality Control Liquids Semivolatile Organic Constituents

Station	QC	QC
Sample ID	LL21214	LL21218
Date	07/30/2001	07/31/2001
Filtered	Total	Total
Field Type	Equipment Rinsate	Potable Water
Analyte (mg/L)		
1,2,4-Trichlorobenzene	0.01 U	0.01 U
1,2-Dichlorobenzene	0.01 U	0.01 U
1,3-Dichlorobenzene	0.01 U	0.01 U
1,4-Dichlorobenzene	0.01 U	0.01 U
2,4,5-Trichlorophenol	0.01 U	0.01 U
2,4,6-Trichlorophenol	0.01 U	0.01 U
2,4-Dichlorophenol	0.01 U	0.01 U
2,4-Dimethylphenol	0.01 U	0.01 U
2,4-Dinitrophenol	0.025 U	0.025 U
2,4-Dinitrotoluene	0.01 U	0.01 U
2,6-Dinitrotoluene	0.01 U	0.01 U
2-Chloronaphthalene	0.01 U	0.01 U
2-Chlorophenol	0.01 U	0.01 U
2-Methyl-4,6-dinitrophenol	0.025 U	0.025 U
2-Methylnaphthalene	0.01 U	0.01 U
2-Methylphenol	0.01 U	0.01 U
2-Nitrobenzenamine	0.025 U	0.025 U
2-Nitrophenol	0.01 U	0.01 U
3,3'-Dichlorobenzidine	0.025 U	0.025 U
3-Nitrobenzenamine	0.025 U	0.025 U
4-Bromophenyl phenyl ether	0.01 U	0.01 U
4-Chloro-3-methylphenol	0.01 U	0.01 U
4-Chlorobenzenamine	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	0.01 U	0.01 U
4-Methylphenol	0.01 U	0.01 U
4-Nitrobenzenamine	0.025 U	0.025 U
4-Nitrophenol	0.025 U	0.025 U
Acenaphthene	0.01 U	0.01 U
Acenaphthylene	0.01 U	0.01 U
Anthracene	0.01 U	0.01 U
Benz(a)anthracene	0.01 U	0.01 U
Benzenemethanol	0.01 U	0.01 U
Benzo(a)pyrene	0.01 U	0.01 U
Benzo(b)fluoranthene	0.01 U	0.01 U
Benzo(ghi)perylene	0.01 U	0.01 U
Benzo(k)fluoranthene	0.01 U	0.01 U
Benzoic acid	0.035 U	0.035 U
Bis(2-chloroethoxy)methane	0.01 U	0.01 U
Bis(2-chloroethyl) ether	0.01 U	0.01 U
Bis(2-chloroisopropyl) ether	0.01 U	0.01 U
Bis(2-ethylhexyl)phthalate	0.01 U	0.01 U
Butyl benzyl phthalate	0.01 U	0.01 U

Table I-51. Quality Control Liquids Semivolatile Organic Constituents (continued)

Station	QC	QC
Sample ID	**LL21214**	**LL21218**
Date	**07/30/2001**	**07/31/2001**
Filtered	**Total**	**Total**
Field Type	**Equipment Rinsate**	**Potable Water**
Analyte (mg/L)		
Carbazole	0.01 U	0.01 U
Chrysene	0.01 U	0.01 U
Di-n-butyl phthalate	0.01 U	0.01 U
Di-n-octylphthalate	0.01 U	0.01 U
Dibenz(a,h)anthracene	0.01 U	0.01 U
Dibenzofuran	0.01 U	0.01 U
Diethyl phthalate	0.01 U	0.01 U
Dimethyl phthalate	0.01 U	0.01 U
Fluoranthene	0.01 U	0.01 U
Fluorene	0.01 U	0.01 U
Hexachlorobenzene	0.01 U	0.01 U
Hexachlorobutadiene	0.01 U	0.01 U
Hexachlorocyclopentadiene	0.01 R	0.01 R
Hexachloroethane	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	0.01 U	0.01 U
Isophorone	0.01 U	0.01 U
N-Nitroso-di-n-propylamine	0.01 U	0.01 U
N-Nitrosodiphenylamine	0.01 U	0.01 U
Naphthalene	0.01 U	0.01 U
Nitrobenzene	0.01 U	0.01 U
Pentachlorophenol	0.01 U	0.01 U
Phenanthrene	0.01 U	0.01 U
Phenol	0.01 U	0.01 U
Pyrene	0.01 U	0.01 U

= - detected, J - estimated, U - not detected, R - rejected, QC-quality control.

Table I-52. Quality Control Liquids Volatile Organic Constituents

Station	QC	QC	QC	QC
Sample ID	LL21214	LL21215	LL21216	LL21218
Date	07/30/2001	09/07/2001	09/10/2001	07/31/2001
Filtered	Total	Total	Total	Total
Field Type	Equipment Rinsate	Trip Blank	Trip Blank	Potable Water
Analyte (mg/L)				
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone	0.00058 J	0.01 U	0.01 U	0.01 U
2-Hexanone	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.0048 J	0.01 UJ	0.01 UJ	0.0054 J
Benzene	0.00028 J	0.001 U	0.001 U	0.00018 J
Bromochloromethane	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.001 U	0.001 U	0.001 U	0.0022 =
Bromoform	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform	0.001 U	0.001 U	0.001 U	0.0049 =
Chloromethane	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	0.001 U	0.001 U	0.001 U	0.0007 J
Dimethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	0.00071 J	0.00082 J	0.00056 J	0.001 U
Trichloroethene	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U	0.001 U

Table I-52. Quality Control Liquids Volatile Organic Constituents (continued)

Station	QC	QC	QC	QC	QC
Sample ID	LL21219	LL21220	LL21221	LL21222	LL21223
Date	07/29/2001	07/30/2001	07/30/2001	07/31/2001	09/19/2001
Filtered	Total	Total	Total	Total	Total
Field Type	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Analyte (mg/L)					
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U
1,1,2-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone	0.01 U	0.01 U	0.00062 J	0.00051 J	0.00056 J
2-Hexanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.0067 J	0.01 U	0.01 U	0.01 U	0.021 J
Benzene	0.00024 J	0.001 U	0.001 U	0.00018 J	0.001 U
Bromochloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dimethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	0.00037 J	0.001 U	0.00057 J	0.0003 J	0.00025 J
Trichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

= - detected, J - estimated, U - not detected, R - rejected, QC-quality control.

Table I-53. Quality Control Solids Results for Inorganics Constituents

Station	**QC**
Sample ID	**LL20825**
Date	**07/31/2001**
Depth (ft)	**0.0 - 0.0**
Field Type	**Source Grease Blank**
Analyte (mg/kg)	
Aluminum	8150 =
Antimony	0.69 J
Arsenic	10.5 =
Barium	98.5 =
Beryllium	0.89 =
Cadmium	0.27 J
Calcium	4880 =
Chromium	19.1 =
Cobalt	5 J
Copper	17.8 =
Iron	1740 J
Lead	11.6 J
Magnesium	786 =
Manganese	27.8 J
Mercury	0.1 U
Nickel	7.1 J
Potassium	724 =
Selenium	3.4 =
Silver	0.5 U
Sodium	503 U
Thallium	0.64 J
Vanadium	51.9 =
Zinc	21.4 J

= - detected, J - estimated, U - not detected, R - rejected, QC-quality control.

Table I-54. Quality Control Solids Results for Pesticides/PCBs Constituents

Station	QC
Sample ID	LL20825
Date	07/31/2001
Field Type	Source Grease Blank
Analyte (mg/kg)	
PCB-1016	0.33 U
PCB-1221	0.33 U
PCB-1232	0.33 U
PCB-1242	0.33 U
PCB-1248	0.33 U
PCB-1254	0.33 U
PCB-1260	0.33 U

= - detected, J - estimated, U - not detected, R - rejected, QC-quality control.

Table I-55. Quality Control Solids Results for Semivolatile Organic Constituents

Station	QC
Sample ID	LL20825
Date	07/31/2001
Field Type	Source Grease Blank
Analyte (mg/kg)	
1,2,4-Trichlorobenzene	10 U
1,2-Dichlorobenzene	10 U
1,3-Dichlorobenzene	10 U
1,4-Dichlorobenzene	10 U
2,4,5-Trichlorophenol	10 U
2,4,6-Trichlorophenol	10 U
2,4-Dichlorophenol	10 U
2,4-Dimethylphenol	10 U
2,4-Dinitrophenol	25 U
2,4-Dinitrotoluene	10 U
2,6-Dinitrotoluene	10 U
2-Chloronaphthalene	10 U
2-Chlorophenol	10 U
2-Methyl-4,6-dinitrophenol	25 U
2-Methylnaphthalene	10 U
2-Methylphenol	10 U
2-Nitrobenzenamine	25 U
2-Nitrophenol	10 U
3,3'-Dichlorobenzidine	10 U
3-Nitrobenzenamine	25 U
4-Bromophenyl phenyl ether	10 U
4-Chloro-3-methylphenol	10 U
4-Chlorobenzenamine	10 U
4-Chlorophenyl phenyl ether	10 U
4-Methylphenol	10 U
4-Nitrobenzenamine	25 U
4-Nitrophenol	25 U
Acenaphthene	10 U
Acenaphthylene	10 U
Anthracene	10 U
Benz(a)anthracene	10 U
Benzenemethanol	10 U
Benzo(a)pyrene	10 UJ
Benzo(b)fluoranthene	10 UJ
Benzo(ghi)perylene	10 UJ
Benzo(k)fluoranthene	10 UJ
Benzoic acid	50 UJ
Bis(2-chloroethoxy)methane	10 U
Bis(2-chloroethyl) ether	10 U
Bis(2-chloroisopropyl) ether	10 U
Bis(2-ethylhexyl)phthalate	10 U
Butyl benzyl phthalate	10 U
Carbazole	10 U
Chrysene	10 U
Di-n-butyl phthalate	10 U

Table I-55. Quality Control Solids Results for Semivolatile Organic Constituents (continued)

Station	QC
Sample ID	**LL20825**
Date	**07/31/2001**
Field Type	**Source Grease Blank**
Analyte (mg/kg)	
Di-n-octylphthalate	10 UJ
Dibenz(a,h)anthracene	10 UJ
Dibenzofuran	10 U
Diethyl phthalate	10 U
Dimethyl phthalate	10 U
Fluoranthene	10 U
Fluorene	10 U
Hexachlorobenzene	10 U
Hexachlorobutadiene	10 U
Hexachlorocyclopentadiene	10 U
Hexachloroethane	10 U
Indeno(1,2,3-cd)pyrene	10 UJ
Isophorone	10 U
N-Nitroso-di-n-propylamine	10 U
N-Nitrosodiphenylamine	10 U
Naphthalene	10 U
Nitrobenzene	10 U
Pentachlorophenol	10 U
Phenanthrene	10 U
Phenol	10 U
Pyrene	10 U

= - detected, J - estimated, U - not detected, R - rejected, QC-quality control.

Table I-56. Quality Control Solids Results for Volatile Organic Constituents

Station	QC
Sample ID	**LL20825**
Date	**07/31/2001**
Field Type	**Source Grease Blank**
Analyte (mg/kg)	
1,1,1-Trichloroethane	0.05 U
1,1,2,2-Tetrachloroethane	0.05 UJ
1,1,2-Trichloroethane	0.05 U
1,1-Dichloroethane	0.05 U
1,1-Dichloroethene	0.05 U
1,2-Dibromoethane	0.05 U
1,2-Dichloroethane	0.05 U
1,2-Dichloroethene	0.05 U
1,2-Dichloropropane	0.05 U
2-Butanone	0.2 U
2-Hexanone	0.2 UJ
4-Methyl-2-pentanone	0.2 U
Acetone	0.18 J
Benzene	0.027 J
Bromochloromethane	0.05 U
Bromodichloromethane	0.05 U
Bromoform	0.05 UJ
Bromomethane	0.05 U
Carbon disulfide	0.05 U
Carbon tetrachloride	0.05 U
Chlorobenzene	0.05 UJ
Chloroethane	0.05 U
Chloroform	0.05 U
Chloromethane	0.05 U
Dibromochloromethane	0.05 UJ
Dimethylbenzene	0.05 J
Ethylbenzene	0.037 J
Methylene chloride	0.073 J
Styrene	0.05 UJ
Tetrachloroethene	0.05 UJ
Toluene	0.11 =
Trichloroethene	0.05 U
Vinyl chloride	0.05 U
cis-1,3-Dichloropropene	0.05 U
trans-1,3-Dichloropropene	0.05 U

= - detected, J - estimated, U - not detected, R - rejected, QC-quality control.

CHAIN OF CUSTODY RECORDS

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SAIC An Employee-Owned Company
Science Applications International Corporation
151 Layfayette Drive, Oak Ridge, Tennessee 37831(865) 481-4600

CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 01
page 1 of 3

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP					No. of Containers
LL2-0684	7/24/01	1735	soil	X		X			X	X	X	X								3
LL2-0687		1710		X								X								2
LL2-0709		1630		X								X								2
LL2-0712		1525		X								X								2
LL2-0790		1537		X								X								2
LL2-0963		1440		X																2
LL2-0966		1510		X																3
LL2-0969		1535		X																3
LL2-0972		1600		X																2
LL2-0787	7/25/01	0812		X																2
LL2-0796		0935		X																2
LL2-0799		1025		X																2
LL2-0793		1125		X								X								2

LL2 Chain of Custody GOES AT END OF APPENDIX I

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumback	7/25/01 1615	Al Waidet	7-25-01 1615
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF See p3/3 | Cooler Temperature: 4°C

Cooler ID: J862

FEDEX NUMBER: NA courier pickup

I-185

SAIC An Employee-Owned Company
Science Applications International Corporation
151 Layfayette Drive, Oak Ridge, Tennessee 37831(865) 481-4600

CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 01
page 2 of 3

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumbach (Printed Name): Vicki Brumbach

REQUESTED PARAMETERS

SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers
LL2-0992	7/25/01	1047	Soil	X					X	X		X				3
LL2-0989		1005		X					X	X		X				3
LL2-0995		1110		X								X				2
2-0706		0909		X								X				2
2-0703		0835		X		X			X	X	X	X				3
2-0848		0905		X								X				2
2-0841		0835		X								X				2
2-0832		1155		X								X				2
2-0835		1135		X					X			X				2
2-0844		0820		X								X				2
LL2-0826		1050		X								X				2
LL2-0829		1110		X								X				2
LL2-0847	↓	0930	↓	X								X				2

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

30

R 3 vjb 7/25/01

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumbach	7/25/01 1615 vjb	QC Waldt	7-25-01 1615
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF See p 3/3

Cooler Temperature: 4°C

Cooler ID: J862

FEDEX NUMBER: NA - courier pickup

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COC NO.: LL2STL - 01
page 3 of 3

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers
LL2-0838	7/25/01	0902 VJB	Soil	X								X				2
LL2-0823	↓	1040	↓	X		X			X	X	X	X				3
	↓		↓													5

(28 SAMPLES 65 JARS)

VJB 7/25/01

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 65	Cooler Temperature: 4°C
Vicki Brumback	7/25/01 1615	Al Haidat	7-25-01 1615	Cooler ID: J862	FEDEX NUMBER: NA - Courier pickup
COMPANY NAME: SAIC		COMPANY NAME:			
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 02
page 1 of 3

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2 0738	7-25-01	1425	Soil	X								X				2	
LL2 0739		1435		X								X				2	
20729		1445		X								X				2	
20732		1500		X								X				2	
20735		1540		X								X				2	
20726		1605		X								X				2	
21176		1605		X								X				2	DUPLICATE OF LL20726
20784		1426		X								X				2	
20781		1715		X								X				2	
20715		1459		X								X				2	
LL2-0719		1530		X		X			X	X	X	X				3	RUN MS/MSD
LL2-0716		1556		X		X			X	X	X	X				3	
LL2-0702		1652		X								X				2	18

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RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
Vicki Brumback	7/28/01 vjb 1600		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY: Dee Hudet	Date/Time 7-27-01 1600	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF pp. 3/3

Cooler Temperature: 4°C

Cooler ID: J835

FEDEX NUMBER: NA - Courier pickup

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 02
page 2 of 3

PROJECT NAME: Load Line 2 Phase II RI

ELIVERY ORDER NUMBER: ECAS 186

ROJECT MANAGER: Kevin Jago 865-481-4614

I-189

ımpler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2-0706*	7/25/01	0909	soil				X✓									1	DB-27A
LL2-0823✓	7/25/01	1040	soil				X✓									1	DB-10
LL2-0832✓	7/25/01	1155	soil				X✓									1	"
LL2-0838✓	7/25/01	0920	soil				X✓									1	"
LL2-0841✓	7/25/01	0835	soil				X✓									1	"
LL2-0844✓	7/25/01	0820	soil				X✓									1	"
LL2-0790✓	7/24/01	1537	soil				X✓									1	"
LL2-0966✓	7/24/01	1510	soil				X✓									1	~~DB-13~~
LL2-0829✓	7/25/01	1110	soil				X✓									1	
LL2-0963✓	7/24/01	1440	soil				X✓									1	
LL2-0778	7/26/01	0830	soil	X								X				2	
LL2-0756	7/26/01	0930	soil	X								X				2	
LL2-0755	7/26/01	0945	soil	X								X				2	(10)

TNT hits

15% of ND

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumback	7/27/01 1600		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF ~~80~~ p 3/3

Cooler Temperature: 4°C

Cooler ID: J835

FEDEX NUMBER: NA - Courier pickup

* TNT detection > 1 mg/kg in the field Lab.

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 02
page 3 of 3

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2-0746	7/26/01	0905	soil	X								X				2	
LL2-0757		1030		X					X	X		X				3	
LL2-0749		1005		X								X				2	RUN MS/MSD
LL2-0740	**	0820		X			X		X	X		X				4	
LL2-1168	**	0820		X			X		X	X		X				4	DUPLICATE OF LL2-0740

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RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 59	Cooler Temperature: 9°C.
Vicki Brumback	7/27/01 1600			Cooler ID: J835	FEDEX NUMBER: N/A - Courier pickup
COMPANY NAME: SAIC		COMPANY NAME:			
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time		
COMPANY NAME:	7-27-01 1606	COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

** LL2-0740 had concentration of 2,400 ppm TNT in field lab analysis. (LL2-1168 is dup of LL2-0740)

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 03
page 1 of 2

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumbach (Printed Name): Vicki Brumbach

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2-0752	7/26/01	1125	soil	X								X				2	
LL2-0743		1100		X								X				2	
LL2-1177		1100		X								X				2	
LL2-0868		1015		X								X				2	
LL2-0887		1055		X			X					X				3	RUN MS/MSD
LL2-1172		1055		X			X					X				3	
LL2-0884		1155		X								X				2	
LL2-0696		0835		X								X				2	
LL2-0699		0859		X								X				2	
LL2-0693		0931		X								X				2	
LL2-1182		0931		X								X				2	
LL2-0690		1047		X		X			X	X	X	X				3	
LL2-0720	↓	1114	↓	X			X					X				3	29 30

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RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF	Cooler Temperature:
Vicki Brumbach	7/27/01 1600			see p.2/2	4°C
COMPANY NAME: SAIC		COMPANY NAME:		Cooler ID: J859	FEDEX NUMBER: NA- Courier pickup
RECEIVED BY:	Date/Time 7-27-01	RELINQUISHED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 03
page 2 of 2

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2-1171	07/26/01	1114	soil	X			X					X				3	
LL2-0723	07/26/01	1155		X								X				2	
L2-0975	7/26/01	1505		X						X		X				3	
2-0763	7/26/01	1540		X								X				2	
2-0760	7/26/01	1500		X								X				2	
2-0856	7/26/01	1505		X								X				2	
2-0775	7/26/01	1601		X				cpt				X				2	
L2-0707	7/26/01	1707		X								X				2	SUBSURFACE
L2-1169	7/26/01	1624		X			X		X	X		X				4	
LL2-0766	7/26/01	1624		X			X		X	X		X				4	
LL2-0881	7/26/01	1711		X								X				2	
LL2-1166	7/26/01	1416		X	X	X	X		X	X	X	X				4	
LL2-0976	7/26/01	1520		X						X		X				2	#273339 (3)

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumback	7/27/01 1600		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY: [illegible]	Date/Time 7-27-01 1700	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF 63

Cooler Temperature: 4°C

Cooler ID: J859

FEDEX NUMBER: NA - Courier pickup

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COC NO.: LL2STL - 04
page 1 of 2

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumbach (Printed Name): Vicki Brumbach

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2-1120	7/27/01	1030	sediment	X	X							X				2	
LL2-1099	7/27/01	1130	sediment	X								X				2	
L2-1173	7/27/01	0910	sediment	X	—		—		—		—	X	—		—	2	
L2-0911	7/27/01	1110	soil	X		X			X	X	X	X				3	
L2-1123	7/27/01	0910	sediment	X	X		X	X				X				3	ANTIMONY
L2-1180	7/27/01	1000	soil	X	—		—		—		—	X	—		—	2	
L2-0914	7/27/01	1140	soil	X								X				2	
L2-0935	7/27/01	1030	soil	X								X				2	
L2-0919	7/27/01	0900	soil	X								X				2	
L2-0853	7/26/01	1611	soil	X								X				2	
LL2-0865	7/26/01	1527	soil	X								X				2	
LL2-0908	7/27/01	0920	soil	X								X				2	
LL2-0918	7/27/01	0840	soil	X								X				2	(28)

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RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF see p. 2/2	Cooler Temperature: 4°C
Vicki Brumbach	7/27/01 1600			Cooler ID: K173	FEDEX NUMBER: NA - Courier pickup
COMPANY NAME: SAIC		COMPANY NAME:			
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time		
COMPANY NAME:	7-27-01 1600	COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 04
page 2 of 2

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL20932	7/27/01	1000	Soil	X								X				2	RUN MS/MSD
LL20769	7/26/01	1540	Soil	X								X				2	
LL20917	7/27/01	0825	Soil	X								X				2	
LL20862	7/27/01	0909	Soil	X								X				2	
LL20859	7/27/01	0818	Soil	X		X		X	X	X	X	X				4	
LL20980	7/27/01	0831	Soil	X	X							X				2	
LL20814	7/27/01	1122	Soil	X					X	X		X				3	
LL20850	7/26/01	1416	Soil	X		X			X	X	X	X				3	
LL20805	7/27/01	1058	Soil	X								X				2	
LL20817	7/27/01	1027	Soil	X								X				2	
LL20916	7/27/01	0903	Soil	X	X							X				2	
LL21164	7/26/01	1420	Soil	X		X	X	X	X	X	X	X				5	
LL20772	7/26/01	1420	Soil	X		X	X	X	X	X	X	X				5	36

RELINQUISHED BY: Vicki Brumback	Date/Time 7/27/01 1600	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 64	Cooler Temperature: 4°C
COMPANY NAME: SAIC		COMPANY NAME:		Cooler ID: K173	FEDEX NUMBER: NA- Courier pickup
RECEIVED BY: [illegible]	Date/Time 7-27-01 1600	RELINQUISHED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 05
page 1 of 2

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers
LL2 1124	7/27/01	1015	water			2		1		2			5

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

(5)

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumback	7/27/01 1600		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF Sea p 2/2

Cooler Temperature: 4°C

Cooler ID: J827

FEDEX NUMBER: NA - Courier pickup

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL-05
page 2 of 2

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2-0977	7/27/01	0952	soil	X	X	X			X	X	X	X				3	
LL2-1165	7/27/01	0818	soil	X		X	X	X	X	X	X	X				5	
LL2-0868*	7/26/01	1015	soil				X									1	* TNT in field lab 39 ppm
LL2-0743*	7/26/01	1100	soil				X									1	" " " 9.6 ppm
LL2-0732*	7/25/01	1500	soil				X									1	" " " 114 ppm
LL2-0778*	7/26/01	0830	soil				X									1	" " " 2.2 ppm
LL2-0690*	7/26/01	1617	soil				X									1	" " " 1.1 ppm
LL2-0707*	7/26/01	1707	soil				X									1	" " " 17.4 ppm
LL2-0760*	7/26/01	1500	soil				X									1	" " " 1,980 ppm
LL2-0769	7/26/01	1540	soil				X									1	
LL2-0856	7/26/01	1505	soil				X									1	TNT in field lab = 17.4 ppm
																	VLB 7/27/01
																(17)	

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time	TOTAL NUMBER OF	Cooler Temperature
Vicki Brumback	7/27/01 1600			22	4°C
COMPANY NAME: SAIC		COMPANY NAME:		Cooler ID: J827	FEDEX NUMBER: NA - Courier pickup
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time	* Field Lab TNT result > 1 ppm.	
COMPANY NAME:	7-27-01 1600	COMPANY NAME:		NOTE LL2-0760 @ 1,980 ppm	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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COC NO.: LL2STL - 06
page 1 of 3

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumbach (Printed Name): Vicki Brumback

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL20926	7/27/01	1520	soil	X								X				2	
LL20929	7/27/01	1450	soil	X								X				2	
LL20923	7/27/01	1545	soil	X								X				2	
LL21056	7/27/01	1448	soil	X	X											1	
LL21159	7/27/01	1448	ballast	X	X	X										1	
LL21054	7/27/01	1551	soil	X	X											1	
LL21158	7/27/01	1551	ballast	X	X	X										1	
LL20902*	7/27/01	1620	soil	X			X					X				3	Field lab TNT result = 3.56 ppm
LL20905	7/27/01	1425	soil	X								X				2	
LL21179	7/27/01	1425	soil	X								X				2	
LL21183	7/27/01	1551	soil	X	X											1 ~~2~~ vjb	
LL20920	7/27/01	1655	soil	X					X			X				3	
LL20899	7/27/01	1635	soil	X		X			X	X	X	X				3 (24)	

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumbach	7/30/01 1800		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY: R. Haidel	7-30-01 1800	RELINQUISHED BY:	
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:		RECEIVED BY:	
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF: See p 3/3

Cooler Temperature: 4°C

Cooler ID: K99

FEDEX NUMBER: NA - Courier pickup

* Field Lab TNT result > 1ppm. See comments rows.

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was prepopulated as surface soil
→ turned in on field chain as sediment.

COC NO.: LL2STL - 06
page 2 of 3

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2 1057	7/27/01	1421	soil	X												1	
LL2 0941	7/27/01	1700	soil	X								X				2	RUN MS/MSD
LL2 0986 *	7/27/01	1451	soil	X	X		X✓					X				3	Field Lab TNT result = 2.68 ppm
LL2 0983 *	7/27/01	1411	soil	X	X		X✓					X				3	" " " " " 1.65 ppm
LL2 1004	7/27/01	1411	ballast	X	X	X										1	
LL2 1052	7/27/01	1525	sediment	X	X				X	X	X	X				3	
LL2 1002	7/27/01	1630	sediment	X	X		X✓					X				3	SUSPECTED FALSE NEG. IN FIELD LAB
LL2 1055	7/27/01	1521	soil	X												1	
LL2 1053	7/27/01	1656	soil	X												1	
LL2 1001	7/27/01	1638	sediment	X	X		X✓					X				3	SUSPECTED FALSE NEG IN FIELD
LL2 1007	7/27/01	1615	sediment	X	X							X				2	
LL2 1096	7/27/01	1430	sediment	X					X	X	X	X		X		4	
LL2 0959 *	7/27/01	1537	soil	X			X✓		X	X		X				4	Field lab TNT result = 19.6 ppm

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumback	7/30/01 1800		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY: Carl Waldt	Date/Time 7-30-01 1800	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF See p 3/3

Cooler Temperature: 4°C

Cooler ID: K99

FEDEX NUMBER: NA - Courier pickup

* Field Lab TNT result > 1 ppm. See comments rows

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 06
page 3 of 3

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers
LL20956*	7/27/01	1625	soil	X			X		X	X		X				4
LL20802	7/27/01	1355	soil	X					X	X		X				3
LL21097	7/27/01	1345	sediment	X			X		X	X	X	X				4

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS: Field Lab TNT result = 134 ppm

VB 7/30/01

(8) 11

I-199

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
Vicki Brumback	7/30/01 1800		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY: Al Hardin	7-30-01 1800	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF 66 65

Cooler Temperature: 4°C

Cooler ID: K99

FEDEX NUMBER: NA - Courier pickup

* Field Lab TNT result > 1 ppm. See comments rows.

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151 Layfayette Drive, Oak Ridge, Tennessee 37831(865) 481-4600

CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 07

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature) Vicki Brumbach (Printed Name) Vicki Brumback

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr + 6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As + 3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL20811	7/28/01	1046	soil	X			X ✓					X				3	
LL20947	7/28/01	1005	soil	X								X				2	
LL21178	7/28/01	0815	soil	X								X				2	
LL21010	7/28/01	0955	soil	X	X							X				2	
LL20871 *	7/28/01	1100	soil	X			X ✓			X	X	X				3	Field Lab TNT result = 152 ppm
LL20874 *	7/28/01	1022	soil	X			X ✓					X				3	" " " " 5.28 ppm
LL21019	7/28/01	1030	soil	X	X							X				2	
LL20893	7/28/01	0911	soil	X								X				2	
LL20890	7/28/01	0945	soil	X								X				2	
LL21013	7/28/01	0925	soil	X	X		X ✓					X				3	
LL2(0869)*	7/28/01	0815	soil	X			X ✓					X				3	RUN MS/MSD on LL2-0869; Field lab TNT result = 5.21 ppm
LL20741 *	7/28/01	1145	soil	X			X	X	e vjb 7/28/01							2	Field Lab TNT result = 1,350 ppm
LL21186	7/28/01	1145	soil	X												1	@30

THIS SHOULD BE 0896. vjb 8/9/01

see next page

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumbach	7/30/01 1800		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY: [signature]	7-30-01 1800	RELINQUISHED BY:	
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:		RECEIVED BY:	
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF See p. 2/2

Cooler Temperature: 4°C

Cooler ID: K-166

FEDEX NUMBER: NA courier pickup

Field lab TNT result > 1 ppm. See comments row.

I-200

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 07
page 2 of 2

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL20740	7/28/01	1145	soil					X								1	
LL20938	7/28/01	0850	soil	X		X			X	X	X	X				3	
LL21184	7/28/01	0850	soil	X												1	
LL20912	7/28/01	1110	soil	X												1	
LL20808	7/28/01	0850	soil	X								X				2	
LL20944*	7/28/01	0928	soil	X			X		X			X				4	Field lab TNT Result = 6.63 ppm
LL20820	7/28/01	1505	soil	X								X				2	
LL2~~1010~~0958*	7/28/01	1415	soil	X		X	X		X	X	X	X				4	Field Lab TNT Result= 2.19 ppm
LL21101	7/28/01	1615	sediment	X			X					X				3	NOTE: DO NOT RUN EXPLOSIVES!!
LL20878	7/28/01	1721	soil	X		X						X				2	
LL21185	7/28/01	1440	soil	X												1	
LL20869 (DK)	7/28/01	1440	soil	X												1	
LL21102	7/28/01	1550	Sediment	X			X					X				3	NOTE: DO NOT RUN EXPLOSIVES!!

I-201

See previous page

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumback	7/30/01 1800	missing	
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY: Al Wright	Date/Time 7-30-01 1800	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF 58 | Cooler Temperature: 4°C

Cooler ID: K-166 | FEDEX NUMBER: NA - Courier pickup

* Field Lab TNT result > 1 ppm. See comments rows.

For LL2-1101 & LL2-1102 there was a jar included for explosives analysis please ignore both for explosives.

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 08
page 1 of 2

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS — SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2 1116	7/28/01	1650	sediment	X								X				2	
LL2 1110 *	7/28/01	1525	Sediment	X			X					X				3	Field lab TNT result = 13.6 ppm
L20877	7/28/01	1737	soil	X								X				2	
L21122	7/28/01	1415	Sediment	X								X				2	
L20879	7/28/01	1700	soil	X								X				2	
L20857	7/28/01	1521	soil	X								X				2	RUN MS/MSD
LL2 1121	7/28/01	1445	Sediment	X			X					X				3	Field lab TNT result = 1.72 ppm
LL2 1174	7/28/01	1445	Sediment	X								X				2	
LL2 0863	7/28/01	1621	soil	X			X									2	Field lab TNT result = 24.2 ppm
LL2 0868	7/28/01	1331	soil					X								1	
LL2 0950	7/28/01	1600	soil	X		X	X		X	X	X	X				4	
LL2 1167	7/28/01	1600	soil	X		X	X		X	X	X	X				4	
LL2 1115	7/29/01	0945	sediment	X								X				2	

I-202

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumback	7/30/01 1800		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY: Al Waldt	Date/Time 7-30-01 1800	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF See p 2 2

Cooler Temperature: 4°C

Cooler ID: J422

FEDEX NUMBER: NA Courier pickup

* Field Lab TNT result >1 ppm

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 08
page 2 of 2

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL20744 *	7/29/01	0930	soil	X			X									2	Field lab TNT result = 18.9 ppm
LL20779	7/29/01	0930	soil	X												1	
LL21100	7/29/01	1030	sediment	X								X				2	RUN MS/MSD
L20875	7/29/01	1125	soil	X												1	
L20872 *	7/29/01	1055	soil	X			X									2	Field lab TNT result = 48 ppm
L20742 *	7/29/01	0910	soil	X			X									2	" " " " = 67.3 ppm
L21103	7/29/01	1445	sediment	X								X				2	
L21117	7/29/01	1425	sediment	X			missing					X				2	
L21098	7/29/01	1520	Sediment	X								X				2	
L20960	7/29/01	1415	soil	X								X				2	
LL21092	7/29/01	1605	Sediment	X		X		X	X	X	X	X				4	
LL20708	7/29/01	1643	soil	X												1	
LL20957	7/29/01	1458	soil	X												1	1029

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumback	7/30/01 1800		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY: Fed Ex Ground	Date/Time 7-30-01 1809	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF 55

Cooler Temperature: 4°C

Cooler ID: J422

FEDEX NUMBER: NA - Courier pickup

* Field Lab TNT Result > 1 ppm

I-203

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COC NO.: LL2STL - 09
page 1 of ~~2~~ 3 vb

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	Observations, Comments, Special Instructions
LL2 1094	7/29/01	1630	sediment	X		X		X	X	X	X	X				4	
LL2 0987	7/29/01	1114	Soil	X												1	→ potential false negative
L2-0799	7/25/01	1025	soil				X✓									1	* NOTE COLLECTED 7/25!
L2-0850	7/26/01	1430	Soil				X✓									1	
L2-0865	7/26/01	1527	soil				X✓									1	
L2-0859	7/27/01	0818	Soil				X✓									1	
L2-0745	7/30/01	0545	soil	X												1	
L2-1005	7/30/01	0825	soil	X												1	
L2-0945	7/30/01	1045	soil	X												1	
L2-0873	7/30/01	1010	soil	X												1	
LL2-0704	7/30/01	0930	soil						X	X		X				2	
LL2-1086	7/30/01	1133	sediment	X		X		X	X	X	X	X				4	
LL2 1082	7/30/01	0907	sediment	X		X		X	X	X	X	X				4	

in field TNT'ed

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumback	7/30/01 1800		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY: Al Braidt	7-30-01 1800	RELINQUISHED BY:	
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:		RECEIVED BY:	
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF: See p 3/3

Cooler Temperature: 4°C

Cooler ID: K51

FEDEX NUMBER: NA - Courier pickup

I-204

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 09
page 2 of 23 vjb

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals								No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2 1188	7/29/01	1431	water		X		X			X										6	

vjb 7/30/01

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumback	7/30/01		
COMPANY NAME: SAIC	1800	COMPANY NAME:	
RECEIVED BY: Al Wright	Date/Time 7-30-01	RELINQUISHED BY:	Date/Time
COMPANY NAME:	1800	COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF 29 (See P3/3 vjb)

Cooler Temperature: 4°C

Cooler ID: K51

FEDEX NUMBER: NA Courier pickup

I-205

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 09
page 3 of 3

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2-0876	7/29/01	1546	soil	X												1	
LL2-0984	7/29/01	1050	soil	X					X	X						3	collected due to stained soil
L2-1092*	7/29/01	1605*	sediment				X									1	Field Lab TNT Result = 3.4 ppm
L2-1094*	7/29/01	1630	sediment				X									1	LL2-1092 RDX vib → Field Lab result = 11 ppm TNT
L2-1103*	7/29/01	1445	sediment				X									1	Field Lab TNT result = 4.6 ppm

vib 7/30/01

I-206

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF	Cooler Temperature: 4°C
Vicki Brumback	7/30/01 1800			Cooler ID: K51	FEDEX NUMBER: NA. Courier pickup
COMPANY NAME: SAIC		COMPANY NAME:			
RECEIVED BY: Al Waidt	Date/Time 7-30-01 1800	RELINQUISHED BY:	Date/Time	* Field Lab TNT or RDX result > 1 ppm see comments column	
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 10
page 1 of 1

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2 1083	7/29/01	1431	Water		X	X	X	X	X	X	X		12	~~RUN MS/MSD~~ vjb
LL2 1188	7/29/01	1431	Water			X		X	X		X		6	

vjb 7/30/01

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumback	7/30/01 1800		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time
[signature]	7-30-01 1800		
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF 18

Cooler Temperature: 4°C

Cooler ID: J931

FEDEX NUMBER: NA - Courier pickup

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 11
page 1 of 1

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	HEXAVALENT CR									No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2 1214	7/30/01	1055	Water		X	X	X	X	X	X	X		X									13	EQUIPMENT RINSEATE

VOA 7/30/01

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumback	7/30/01 1800		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY: Al Haidet	Date/Time 7-30-01 1800	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF 13

Cooler Temperature: 4°C

Cooler ID: J736

FEDEX NUMBER: NA - Courier pickup

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Science Applications International Corporation
151 Layfayette Drive, Oak Ridge, Tennessee 37831(865) 481-4600

CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 12
page 1 of 2

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers
LL21170	7/30/01	0938	sediment	X	-		X					X				3
LL21118	7/30/01	0938	sediment	X	X		X	X				X		X		5
LL21113	7/30/01	0835	sediment	X				X	X	X	X	X		X		5
LL21125	7/30/01	1035	sediment	X	X				X	X	X	X		X		4
LL21084	7/30/01	0947	sediment	X		X		X	X	X	X	X				4

Vb 7/30/01

RUN MS/MSD [illegible]

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumback	7/30/01 1800		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY: Al Riedl	Date/Time 7-30-01 1800	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF See p 2/2

Cooler Temperature: 4°C

Cooler ID: J921

FEDEX NUMBER: NA- Courier pickup

I-209

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 12
page 2 of 2

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2 1119	7/30/01	0930	water			X		X		X			5	If metals jar is also marked for Cr+6 please ignore Cr+6.
LL2 1083	7/29/01	1431	water	X	X								3	
LL2 1219	7/29/01	1421	Water	X	X								2	TRIP BLANK
2 1188	7/29/01	1431	water	X	X								3	DUPLICATE
2 1214	7/30/01	1055	Water	X									3	EQUIPMENT RINSEATE
2 1087	7/30/01	1111	water	X	X								3	
2 1085	7/30/01	0931	water	X	X								3	
						Cr+6			CN					
									7/30/01					

I-210

22

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 42	Cooler Temperature: 4°C
Vicki Brumback	7/30/01			Cooler ID: J921	FEDEX NUMBER: NA-Courier pickup
COMPANY NAME: SAIC	1800	COMPANY NAME:			
RECEIVED BY: Al Waddell	Date/Time 7-30-01	RELINQUISHED BY:	Date/Time		
COMPANY NAME:	1800	COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 13
page 1 of 1

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumbach (Printed Name): Vicki Brumbach

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals										No. of Containers
~~LL2 1087~~	7/30/01	1111	water		X	X	X	X	X	X	X											
LL2 1085	7/30/01	0931	water		X	X	X	X	X	X	X											12

vb 7/30/01

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumbach	7/30/01 1800		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY: Al Weidt	Date/Time 7-30-01 1800	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF 12

Cooler Temperature: 4°C

Cooler ID: H19

FEDEX NUMBER: NA Courier pickup

I-211

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 14
page 1 of 1

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers
LL2-1087	7/30/01	1111	water		X	X	X	X	X	X	X		12

7/30/01

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS: -

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumback	7/30/01 1800		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY: Al Waidet	Date/Time 7-30-01 1800	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF 12

Cooler Temperature: 4°C

Cooler ID: K55

FEDEX NUMBER: NA - Courier pickup

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 15
page 1 of 1

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature) (Printed Name)

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
L21089	7/30/01	1451	water		X	X	X	X	X	X	X		12	

Y6 7/30/01

LABORATORY NAME:
Severn Trent Laboratories, Inc.

LABORATORY ADDRESS:
4101 Shuffel Drive NW
North Canton, Ohio 44720
Attn: Debbie Budd

PHONE NO: 330-497-9396

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumbach	7/30/01 1800		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY: Al Hrisko	Date/Time 7-30-01 1800	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF 12

Cooler Temperature: 4°C

Cooler ID: K153

FEDEX NUMBER: NA Courier pickup

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COC NO.: LL2STL - 16
page 1 of 1

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	HEXAVALENT CR								No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2 1218	7/31/01	1000	Water		X	X	X	X	X	X	X		X								13	POTABLE WATER SOURCE

Lib 7/31/01

I-214

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 13	Cooler Temperature: 4°C
Vicki Brumback	7/31/01			Cooler ID: J827	FEDEX NUMBER: NA- Courier pickup
COMPANY NAME: SAIC	1600	COMPANY NAME:			
RECEIVED BY: Fed Ex	Date/Time 7-31-01	RELINQUISHED BY:	Date/Time		
COMPANY NAME:	1600	COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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COC NO.: LL2STL - 17
page 1 of 1

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	HEXAVALENT CR	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL21128	7/30/01	1430	Water		X	X	X	X	X	X			X	11	CANCELLED Cr +6
LL21134	7/30/01	1710	Water		X			X					X	4	CANCELLED Cr +6
LL21130	7/30/01	1340	water					X	X					2	MAYBE DIDN'T NEED CN ANALYSIS LET IT GO.

VK 7/31/01

I-215

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 17	Cooler Temperature: 4°C
Vicki Brumback	7/31/01 1600			Cooler ID: A36	FEDEX NUMBER: NA Courier pickup
COMPANY NAME: SAIC		COMPANY NAME:			
RECEIVED BY: Al Hazlet	Date/Time 7-31-01 1600	RELINQUISHED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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COC NO.: LL2STL - 18
page 1 of 1

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumbach (Printed Name): Vicki Brumbach

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL21091	7/30/01	1355	water		6		6	3	3				18	MS/MSD

LABORATORY NAME:
Severn Trent Laboratories, Inc.

LABORATORY ADDRESS:
4101 Shuffel Drive NW
North Canton, Ohio 44720
Attn: Debbie Budd

PHONE NO: 330-497-9396

I-216

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 18	Cooler Temperature: 4°C
Vicki Brumbach	7/31/01 1600			Cooler ID: G 77	FEDEX NUMBER: NA - Courier pickup
COMPANY NAME: SAIC		COMPANY NAME:			
RECEIVED BY: Al Haidet	Date/Time 7-31-01 1600	RELINQUISHED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 19
page 1 of 1

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2 1091	7/30/01	1355	water			2				6	6		14	MS/MSD
					6			7/31/01						

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumback	7/31/01		
COMPANY NAME: SAIC	1600	COMPANY NAME:	
RECEIVED BY: Gil Heidet	Date/Time 7-31-01	RELINQUISHED BY:	Date/Time
COMPANY NAME:	1600	COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF

Cooler ID: J859

Cooler Temperature: 4° C

FEDEX NUMBER: NA Courier pickup

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COC NO.: LL2STL - 20
page 1 of 1

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	HEXAVALENT CR	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2 1091	7/30/01	1355	water			4								4	
LL2 1130	7/30/01	1350	water										1	1	CANCEL Cr+6 original
LL2 1006	7/30/01	1350	water										1	1	CANCEL Cr+6 dup
LL2 1134	7/30/01	1710	water			2	2			2				6	NOTE
LL2 1130	7/30/01	1340	water			2	~~2~~ *							4	JARS ARE INCLUDED FOR PEST BUT PLEASE DO NOT RUN THIS ANALYSIS.

CN 7/31/01.

I-218

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 16	Cooler Temperature: 4°C
Vicki Brumback	7/31/01 1600			Cooler ID: J835	FEDEX NUMBER: NA Courier pickup
COMPANY NAME: SAIC		COMPANY NAME:			
RECEIVED BY: Dan Wright	Date/Time 7-31-01 1600	RELINQUISHED BY:	Date/Time	* DO NOT RUN PESTICIDE ANALYSIS ON LL2-1130.	
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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COC NO.: LL2STL - 21
page 1 of 3

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL21130	7/30/01	1340	water		2					2			4	* JARS ARE INCLUDED FOR SVOCs BUT PLEASE DO NOT RUN THIS ANALYSIS.

KB 7/31/01

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF See p 3/3	Cooler Temperature: 4°C
Vicki Brumback	7/31/01			Cooler ID: K49	FEDEX NUMBER: NA- Courier pickup
COMPANY NAME: SAIC	1600	COMPANY NAME:			
RECEIVED BY: Carl Heidel	Date/Time 7-31-01	RELINQUISHED BY:	Date/Time	* DO NOT RUN SVOCS ANALYSIS ON LL2-1130.	
COMPANY NAME:	1600	COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL -21
page 2 of ~~13~~

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2 1051	7/31/01	0810	soil	X								X				1	
LL2 1040	7/31/01	0840	soil	X		X			X	X	X	X				3	RUN MS/MSD
LL2 1042	7/31/01	1105	soil	X								X				2	
LL2 1044	7/31/01	0945	soil	X					X	X	X	X				3	
LL2 1038	7/31/01	1130	soil	X												1	
LL2 1043	7/31/01	1015	soil	X								X				2	
LL2 1041	7/31/01	0905	soil	X								X				2	
LL2 1181	7/31/01	0905	soil	X	—	—	—	—	—	—	—	X	—	—	—	2	. . . .
LL2 1129	7/30/01	1400	Sediment	X	X					X	X	X		X		3	
LL2 1133	7/31/01	1147	Sediment	X	X				X	X	X	X		X		4	
LL2 1175	7/31/01	1111	~~Sediment~~ TCLP	X	—	—	—	—	—	—	—	X	—	—	—	2	. . . .
LL20998	7/31/01	1111	Sediment	X	X				X	X	X	X				3	
LL2 1131	7/30/01	1635	Sediment	X	X				X	X	X	X		X		4	32

L220

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF See p 3/3	Cooler Temperature: 4°C
Vicki Brumback	7/31/01 1630			Cooler ID: KHG	FEDEX NUMBER: NA Courier pickup
COMPANY NAME: SAIC		COMPANY NAME:			
RECEIVED BY: Al Bridet	Date/Time 7-31-01 1630	RELINQUISHED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 21
page 3 of 3

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature) Vicki Brumback (Printed Name) Vicki Brumback

REQUESTED PARAMETERS — SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	Observations, Comments, Special Instructions
LL2 1127	7/30/01	1445	sediment	X	X				X	X	X	X				3	[illegible]
LL2 1050	7/30/01	1345	soil	X												1	
LL2 1048	7/30/01	1615	soil	X												1	
LL2 1046	7/30/01	1500	soil	X												1	
LL2 1049	7/30/01	1420	soil	X												1	

VB 7/31/01

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

RELINQUISHED BY: Vicki Brumback	Date/Time 7/31/01 1600	RECEIVED BY:	Date/Time
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY: Al Heikel	Date/Time 7-31-01 1600	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF 43

Cooler Temperature: 4°C

Cooler ID: K49

FEDEX NUMBER: NA - Courier pickup

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 22
page 1 of 2

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2-0760	7/30/01	1320	soil					X								1	
LL2-0761	7/30/01	1320	soil	X								X				2	
LL2-1047	7/30/01	1540	soil	X												1	
LL2-1045	7/30/01	1645	soil	X								X				2	
LL2-1090	7/30/01	1537	sediment	X		X		X	X	X	X	X				4	
LL2-1088	7/30/01	1521	Sediment	X		X		X	X	X	X	X				4	
LL2-1645	7/30/01	1645	soil				X									1	
LL2-0761*	7/30/01	1320	soil				X									1	LL2-0761 FIELD LAB TNT RESULT = 691 ppm
LL2-1090*	7/30/01	1537	sediment				X									1	RUN MS/MSD FIELD LAB TNT RESULT = 44.4 ppm LL2-1090
LL2-1088*	7/30/01	1521	sediment				X									1	FIELD LAB TNT RESULT LL2-1088 = 45.7 ppm

Vib 7/31/01

18

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF Sep 2/2	Cooler Temperature: 4°C
Vicki Brumback	7/31/01 1600			Cooler ID: #081	FEDEX NUMBER: NA - Courier pickup
COMPANY NAME: SAIC		COMPANY NAME:			
RECEIVED BY: AP-Waidist	Date/Time 7-31-01 1600	RELINQUISHED BY:	Date/Time	* FIELD LAB TNT RESULT > 1 ppm.	
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 22
page 2 of 2

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumbal (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2122|	7/30/01	1311	water	3									3	TRIP BLANK
LL2109|	7/30/01	1355	water	9									9	MS/MSD
L21089	7/30/01	1451	water	3									3	
L21134	7/30/01	1710	water	3									3	
L21220	7/30/01	0800		3									3	TRIP BLANK
L21130	7/30/01	1340	water	3									3	
L21218	7/31/01	1000	water	3									3	Potable Water Source
*														Equipment Rinsate
*														
*														
								V/O			7/31/01			
													27	

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RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 45	Cooler Temperature: 4°C
Vicki Brumbal	7/31/01				
COMPANY NAME: SAIC	1600	COMPANY NAME:		Cooler ID: #081	FEDEX NUMBER: NA - Courier pickup
RECEIVED BY: Al Heidt	Date/Time 7-31-01	RELINQUISHED BY:	Date/Time	* FIELD LAB TNT ; RESULT > 1 ppm.	
COMPANY NAME:	1600	COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 23
page 1 of 2

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumbach (Printed Name): Vicki Brumbach

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2 1076	7/31/01	1530	~~Sediment~~ soil v,b	X		X		X	X	X	X	X				4	
LL2 1141	7/31/01	1430	sediment	X					X	X	X	X				3	
~~LL2 0691~~	~~7/~~																
-2 1039	7/31/01	1540	soil	X												1	
L2 1037	7/31/01	1340	soil	X												1	
L2 1034	7/31/01	1565	soil	X												1	
-2 1035	7/31/01	1425	soil	X												1	
L2 1036	7/31/01	1355	soil	X												1	
L2 0825 *	7/31/01	1200	grease	X					X	X		X				3	canola oil base
L2 ~~0788~~ 998 (v,b)	7/31/01	1111 (v,b)	~~soil~~ Sediment				X									1	
should be 9981		this was corrected @ STL.															
																16	

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF see p 2/2	Cooler Temperature: 4°C
Vicki Brumbach	8/1/01 1615			Cooler ID: K166	FEDEX NUMBER: NA - Courier Pickup
COMPANY NAME: SAIC		COMPANY NAME:			
RECEIVED BY: Al Wright	Date/Time 8-1-01 1615	RELINQUISHED BY:	Date/Time	* Sample of grease used as lubricant on drill rods.	
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 23
page 2 of 2

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL21222	7/31/01	1355	water	3									3	TRIP BLANK
LL2/142	7/31/01	1405	water	3	2	2	2	1		2			12	

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RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 31	Cooler Temperature: 4°C
Vicki Brumback	8/1/01 1615			Cooler ID: K166	FEDEX NUMBER: NA-Courier pickup
COMPANY NAME: SAIC		COMPANY NAME:			
RECEIVED BY: [illegible]	Date/Time 8-1-01 1615	RELINQUISHED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 24
page 1 of 2

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS

SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2-0691	8/1/01	0805	soil	X												1	
~~LL2-1105~~ vjb	~~8/1/01~~	~~0935~~	~~water~~				~~2~~					~~2~~					
LL2-1141	~~8~~ 7/31/01	1430	~~soil~~ vjb Sediment				X									1	
									vjb 8/1/01								

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RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF Sample 2/2	Cooler Temperature: 4°C
Vicki Brumback	8/1/01 1615			Cooler ID: J422	FEDEX NUMBER: NA Courier pickup
COMPANY NAME: SAIC		COMPANY NAME:			
RECEIVED BY: M. Weidt	Date/Time 8-1-01 1615	RELINQUISHED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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COC NO.: LL2STL - 24
page 2 of 2

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers
LL21105	8/1/01	0935	water			2		1		2			5
LL21107	8/1/01	0911	water			2		1		2			5

Kb 8/1/01

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumback	8/1/01 1615		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time
[signature]	8-1-01 1615		
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF 12

Cooler Temperature: 4°C

Cooler ID: J422

FEDEX NUMBER: NA- Courier pickup

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 25
page 21 of 2

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumbach (Printed Name): Vicki Brumbach

REQUESTED PARAMETERS — SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2-0980	7-27-01	0831	soil				X										
LL2-0814	7-27-01	1122	soil				X										TNT lab result = 1.41 ppm
LL2-1005	7-30-01	0825	soil				X										TNT lab result = 53.2 ppm
LL2-0977	7-27-01	0952	soil				X										
LL2-0873	7-30-01	1010	soil				X										TNT lab result = 1.25 ppm
LL2-1086	7-30-01	1133	sediment				X										TNT lab result = 2025 ppm
LL2-0745	7-30-01	0845	soil				X										TNT lab result = 59.3 ppm
LL2-1084	7-30-01	0947	soil				X										TNT lab result = 31.5 ppm
LL2-1118	7-30-01	0938	sediment				X										
LL2-1016	7-27-01	0903	soil				X										TNT lab result = 1.95 ppm
LL2-0862	7-27-01	0909	soil				X										TNT lab result = 17.2 ppm
LL2-0932	7/27/01	1000	soil				X										TNT lab result = 234 ppm
LL2-0911	7-27-01	1110	soil				X										TNT lab result = 1.23 ppm

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumbach	08/02/01 1145	[illegible]	8/6/01 1145
COMPANY NAME: SAIC		COMPANY NAME: STL-N. Canton	
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF 14

Cooler Temperature: 4°C

Cooler ID: J859

FEDEX NUMBER: NA - SAIC delivery

Run MS/MSD on LL2-0911

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 25
page 2 of 2

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS — SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2-0914	7-27-01	1148	soil				X										TNT lab result = 3.54 ppm

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumback	08/06/01 1145		8/6/01 1145
COMPANY NAME: SAIC		COMPANY NAME: SAIC (Condon)	
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF 11

Cooler Temperature: 4°C

Cooler ID: J859

FEDEX NUMBER: NA- SAIC delivery

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 26
page 1 of 2

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
~~LL2-1106~~	~~8/6/01~~	~~1037~~	~~Sediment~~											
LL2-1111	8/6/01	1100	water			2		1		2			5	LL2-239 mll bl

vjb 8/7/01

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumback	8/7/01 1700		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY: [illegible] Hardet	8-7-01 1700	RELINQUISHED BY:	
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:		RECEIVED BY:	
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF: See p2 of 2

Cooler Temperature: 4°C

Cooler ID: J736

FEDEX NUMBER: NA Courier pickup

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COC NO.: LL2STL - 26
page 2 of 2

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2-1106	8/6/01	1027	sediment	X			X					X				3	
LL2-1104*	8/6/01	1111	sediment	X			X					X				3	STATION - LL2-339 MH-B1 RDX hit of 3.9 ppm

KJB 8-7-01

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 11	Cooler Temperature: 4°C
Vicki Brumback	8/7/01 1700			Cooler ID: J736	FEDEX NUMBER: NA - Courier pickup
COMPANY NAME: SAIC		COMPANY NAME:			
RECEIVED BY: C.P. Klairit	Date/Time 8-7-01 1706	RELINQUISHED BY:	Date/Time	* RDX hit in field lab > 1 ppm.	
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 27
page 1 of 1

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	HEXAVALENT CHROMIUM	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2 1128	8-9-01		water					X					X	2	
LL2 1134	8-9-01		water					X					X	2	
LL2 1138	8-9-01		water					X					X	2	
LL2 1006	8-9-01		water										X	1	duplicate

vjb 8/21/01

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RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 7	Cooler Temperature: 4°C
Vicki Brumback	8-9-01 1745			Cooler ID: K222	FEDEX NUMBER: NA Courier pickup
COMPANY NAME: SAIC		COMPANY NAME:			
RECEIVED BY: Al Neidet	Date/Time 8-9-01 1745	RELINQUISHED BY:	Date/Time	These samples were recollected because the holding time for hexavalent chromium expired before they were analyzed.	
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 28
page 1 of 1

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers
LL2 0833	8-13-01	0905	soil	X	X							X				2
LL20840	8-13-01	1100	soil	X												1
LL20839	8-13-01	1010	soil	X												1

Vik 8-13-01

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumback	8-13-01 1600		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY: Del Driscoll	Date/Time 8-13-01 1600	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF 4

Cooler ID: K51

Cooler Temperature: 4°C

FEDEX NUMBER: NA - Courier pickup

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 29
page 1 of 1

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2 0839	8-13-01	1010	soil				X									1	SCA. 241 ← TNT = 7.4 ppm
LL20954	8-13-01	1435	soil	X												1	SCA 260 RUN MS/MSD
LL20843	8-13-01	1620	soil	X												1	SCA 255
LL20842	8-13-01	1400	soil	X												1	SCA 253
LL20843	8-13-01	1535	soil	X					X	X		X		X		4	SCA 243
LL20864	8-14-01	0905	soil	X												1	
LL2 0846	8-14-01	0825	soil	X												1	

NOTE: SHOULD BE 0834

I-234

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 10	Cooler Temperature: 4°C
Vicki Brumback	8-14-01 1730			Cooler ID: J262	FEDEX NUMBER: NA Courier pickup
COMPANY NAME: SAIC		COMPANY NAME:			
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time		
COMPANY NAME:	8-14-01 1730	COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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COC NO.: LL2STL - 30
page 1 of 1

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumbach (Printed Name): Vicki Brumbach

REQUESTED PARAMETERS

SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers
LL2M834	8-15-01	1435	soil				X									1

Cr+6 8-15-01

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 1	Cooler Temperature: 4°C
Vicki Brumbach	8-15-01 1400	[illegible]	8/15/01 1435	Cooler ID: G81	FEDEX NUMBER: NA - SAIC delivery
COMPANY NAME: SAIC		COMPANY NAME: STL N. Canton			
RECEIVED BY: B.W.11	Date/Time 8-15-01 1400	RELINQUISHED BY:	Date/Time		
COMPANY NAME: SAIC		COMPANY NAME:			
RELINQUISHED BY: B.W.11	Date/Time 8-15-01 1435	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 31
page 1 of 1

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumbaugh (Printed Name): Vicki Brumbaugh

REQUESTED PARAMETERS

SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP Svoc/Pest/Herb/Metals	Tot VOCs	As+3	No. of Containers
LL20849	8-20-01	1415	FLOORSWEEP	X	X	X	X		X	X	X	X			X	X	X	7
LL20962	8-20-01	1020	FLOORSWEEP	X	X	X	X		X	X	X	X			X	X	X	7
LL20880	8-20-01	1110	FLOORSWEEP	X	X	X	X		X	X	X	X			X	X	X	7
LL20955	8-21-01	0807	Soil	X														1

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

K51 8-21-01

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumbaugh	8-21-01 1708		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time
[illegible]	8-21-01 1700		
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF 22

Cooler Temperature: 4°C

Cooler ID: K51

FEDEX NUMBER: NA - Courier pickup

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 32
page 1 of 1

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP VOCs	TCLP SVOCs/Herb/Pest/Metals	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2 0686	8-25-01	1408	soil	X			X										2	
LL2 0688	8-25-01	1422	soil	X			X										2	TNT = 19.8 ppm
LL2 1100	8-26-01	1115	soil		X												1	SEE NOTE BELOW
L2 1086	8-26-01	1140	soil						X								1	SEE NOTE BELOW
L2 1044	8-26-01	1030	soil				X										1	
L2 0685	8-26-01	0931	soil												1	2	3	drill cuttings - IDW
L2 0689	8-26-01	1440	soil	X													1	(1 x (1)
L2 0692	8-26-01	1415	soil	X			X					X					3	RUN MS/MSD
L2 1004	8-27-01	0843	soil	X													+	Requested resample per D. Budd of STL. Previous sample did not have enough volume for requested analyses.

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumback	8-27-01 1555		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time
COMPANY NAME:	8-27-01 1555	COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF 15

Cooler Temperature: 4° C

Cooler ID: G77

FEDEX NUMBER: NA - Courier pickup

LL21100 - THIS SAMPLE WAS SENT IN PREVIOUSLY, BUT I FAILED TO MARK IT FOR C116 ANALYSIS.

LL2 1086 - requested resample per D. Budd of STL. Previous sample did not have enough volume for required analyses.

IDW analyzed for TCLP VOCs
TCLP SVOCs, Herbicides, Pesticides, Metals

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 33
page 1 of 1

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers
LL2 1147	9-7-01	1436	water		1	1	1		1	1	1	1	7
LL2 1146	9-7-01	0935	water		1	1	1		1	1	1	1	7

9-10-01

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
Vicki Brumback	9-10-01 1545		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY:	Date/Time 9-10-01	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time 1565	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF 14

Cooler Temperature: 4°C

Cooler ID: J750

FEDEX NUMBER: NA Courier pickup

Jar totals for these 2 samples are less than usual jar numbers because the monitoring wells produced water at such a slow rate. VOCs for LL21147 and LL21146 are in Cooler # J422.

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 34
page 1 of 1

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers
LL2 1152	9-7-01	1018	water		2	2	2		1	2	2	1	12

9-10-01 vlb

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumback	9-10-01 1545		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY: Al Waidel	Date/Time 9-10-01 1545	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF 12

Cooler Temperature: 4°C

Cooler ID: K223

FEDEX NUMBER: NA · Courier pickup

VOCs for LL2 1152 are in cooler # J422.

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 35
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PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2 1154	9-7-01	1426	water		2	2	2		1	2	2	1	12	

9-10-01 JL

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 12	Cooler Temperature: 4°C
Vicki Brumback	9-10-01 1545			Cooler ID: G77	FEDEX NUMBER: NA- Courier pickup
COMPANY NAME: SAIC		COMPANY NAME:			
RECEIVED BY: Al Waeltz	Date/Time 9-10 01 1545	RELINQUISHED BY:	Date/Time	VOCs for LL2 1154 are in cooler # JA22.	
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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COC NO.: LL2STL - 36

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CHAIN OF COUSTODY RECORD

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature) Vicki Brumback (Printed Name) Vicki Brumback

REQUESTED PARAMETERS — WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers
LL21151	9-10-01	1020	water		2	2	2		1	2	2	1	12

9-10-01 VJB

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

RELINQUISHED BY: Vicki Brumback — Date/Time: 9-10-01 1545
COMPANY NAME: SAIC

RECEIVED BY: — Date/Time:
COMPANY NAME:

RECEIVED BY: AC Hiedt — Date/Time: 9-10-01 1545
COMPANY NAME:

RELINQUISHED BY: — Date/Time:
COMPANY NAME:

RELINQUISHED BY: — Date/Time:
COMPANY NAME:

RECEIVED BY: — Date/Time:
COMPANY NAME:

TOTAL NUMBER OF 12

Cooler Temperature: 4°C

Cooler ID: G81

FEDEX NUMBER: NA- Courier pickup

VOCs for LL21151 are in cooler # J422.

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 37
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PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS — WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL21148	9-10-01	1130	water	3	1	1	1		1	1	1	1	10	10 vjb 9-10-01
LL21151	9-10-01	1020	water	3									3	
L21146	9-7-01	0935	water	3									3	
L21147	9-7-01	1430	water	3									3	
L21152	9-7-01	1018	water	3									3	
L21154	9-7-01	1426	water	3									3	
L21215	9-7-01	0705	water	3									3	TRIP BLANK
					9-10-01 vjb									

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LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumback	9-10-01 1545		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY: R Waidel	Date/Time 9-10-01 1545	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF ~~28~~ 28

Cooler Temperature: 4°C

Cooler ID: vjb 9-10-01 J422

FEDEX NUMBER: NA- Courier pickup

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 38
page 1 of 1

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature) (Printed Name)
Vicki Brumback Vicki Brumback

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers
LL21145	9-10-01	1615	water		1	1	1		1	1	1	1	7
LL21150	9-11-01	0810	Water		2	2	2		1	2	2	1	12

9-11-01 15

LABORATORY NAME:
Severn Trent Laboratories, Inc.

LABORATORY ADDRESS:
4101 Shuffel Drive NW
North Canton, Ohio 44720
Attn: Debbie Budd

PHONE NO: 330-497-9396

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumback	9-11-01		
COMPANY NAME: SAIC	1555	COMPANY NAME:	
RECEIVED BY: Al Haidet	Date/Time 9-11-01	RELINQUISHED BY:	Date/Time
COMPANY NAME:	1535	COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF 19

Cooler Temperature: 4°C

Cooler ID: K153

FEDEX NUMBER: NA Courier pickup

LL21145 has a smaller number of jars because the well recharged SO slowly.

The VOC's for LL21145 and LL21150 will be sent to the lab at a later date.

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COC NO.: LL2STL - 39
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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumbak (Printed Name): Vicki Brumbak

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL21145	9-10-01	1615	Water	3									3	
LL21150	9-10-01	0810	Water	3									3	
LL21216	9-10-01	1200	Water	3									3	TRIP BLANK

9-12-01

I-244

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 9	Cooler Temperature: 4°C
Vicki Brumbak	9-12-01 1355	Terry Burns	9-12-01 1355	Cooler ID: G77	FEDEX NUMBER: NA Courier pickup
COMPANY NAME: SAIC		COMPANY NAME: STL			
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 40
page 1 of 1

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Martha Clough (Printed Name): Martha Clough

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	Cr+6	No. of Containers
LL21147	9/19/01	1250	WATER										1	1
LL21187	9/19/01	1350	WATER										1	1

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF: 2	Cooler Temperature: 5°C
COMPANY NAME: SAIC	9/19/01 1550	COMPANY NAME:		Cooler ID: J422	FEDEX NUMBER: NA
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time		
COMPANY NAME:	9-19-01 1550	COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 41
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PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Martha Clough (Printed Name): Martha Clough

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	Cr+6	No. of Containers
LL211516	9/19/01	1640	WATER										1	1

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Martha Clough	9/19/01 1730		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY: Chandler Carroll	9/19/01 17:30	RELINQUISHED BY: Ann Chandler	9/20/01 8:10 AM
COMPANY NAME: SAIC		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF: 1

Cooler Temperature: 4°C

Cooler ID: 226

FEDEX NUMBER: NA

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 42
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PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature) Matthew Clough (Printed Name) Matthew Clough

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	TCLP VOCs	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL21223	9/19/01	1345	WATER	2										2	QC Trip Blank
LL21149	9/19/01	1350	WATER	3										3	
LL21187	9/19/01	1350	WATER	3										3	
-21156	9/19/01	1640	WATER	2			[illegible]							3	
-21153	9/20/01	1325	WATER	3	1	1	1		1	1	1	1		10	
-21155	9/20/01	1330	WATER	3	1	1	1		1	1	1	1		10	
L21224	9/21/01	1159	WATER										3	3	
L21226	9/21/01	1330	WATER										3	3	
L21225	9/21/01	1345	WATER										3	3	

MC 9/21/01

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RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Matthew Clough	9/21/01 1545		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY: Al Waisel	9-21-01 1545	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF ~~38~~ 40

Cooler ID: K223

Cooler Temperature: 4°C

FEDEX NUMBER: NA

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 43
page 1 of 1

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature) (Printed Name)
Marshal Clough Marshal Clough

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	8270								No. of Containers
LL21149	9/19/01	1350	WATER		2	2	2		1	2	2	1									12
LL21153	9/20/01	1325	WATER										1								1
LL21155	9/20/01	1330	WATER										1								1

LABORATORY NAME:
Severn Trent Laboratories, Inc.

LABORATORY ADDRESS:
4101 Shuffel Drive NW
North Canton, Ohio 44720
Attn: Debbie Budd

PHONE NO: 330-497-9396

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

RELINQUISHED BY: Marshal Clough	Date/Time 9/20/01 1500	RECEIVED BY:	Date/Time 9-20-01 1600	TOTAL NUMBER OF 14	Cooler Temperature: 4°C
COMPANY NAME: SAIC		COMPANY NAME:		Cooler ID: GT7	FEDEX NUMBER: NA
RECEIVED BY:	Date/Time 9/20/01 1500	RELINQUISHED BY:	Date/Time		
COMPANY NAME: Ohio EPA		COMPANY NAME:			
RELINQUISHED BY:	Date/Time 09/20/01 1600	RECEIVED BY:	Date/Time		
COMPANY NAME: Ohio EPA		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 44
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PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Martha Clough (Printed Name): Martha Clough

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL21187	9/19/01	1350	WATER		2	2	2		1	2	2	1	12	

I-249

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 12	Cooler Temperature: 4°C
Martha Clough	9/20/01 1500	Al Winder	9-20-01 1600	Cooler ID: #081	FEDEX NUMBER:
COMPANY NAME: SAIC		COMPANY NAME:			
RECEIVED BY: Ed Tuttle	Date/Time 09/20/01 1500	RELINQUISHED BY:	Date/Time		
COMPANY NAME: Ohio EPA		COMPANY NAME:			
RELINQUISHED BY: Ed Tuttle	Date/Time 9/20/01 1600	RECEIVED BY:	Date/Time		
COMPANY NAME: Ohio EPA		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 45
page 1 of 1

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Martha Clough (Printed Name): Martha Clough

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL21156	9/19/01	1640	WATER		2	2	2		1	2	2	1	12	

I-250

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 12	Cooler Temperature: 4°C
Martha Clough	9/20/01 1500	OK Waddell	9-20-01 1600	Cooler ID: K153	FEDEX NUMBER:
COMPANY NAME: SAIC		COMPANY NAME:			
RECEIVED BY: Ellen T Mc	Date/Time 09/20/01 1500	RELINQUISHED BY:	Date/Time		
COMPANY NAME: OK. ERT		COMPANY NAME:			
RELINQUISHED BY: Ellen T Mc	Date/Time 09/20/01 1600	RECEIVED BY:	Date/Time		
COMPANY NAME: OK. ERT		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 46

page 1 of 1

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature) [signature] (Printed Name) Martha Clough

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP							No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL21094	9/21/01	1145	Sediment	1																		1	

MLC 9/21/01

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
[signature]	9/21/01 1545		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY: [signature]	9-21-01 1545	RELINQUISHED BY:	
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:		RECEIVED BY:	
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF 1

Cooler Temperature: 4 °C

Cooler ID: K223

FEDEX NUMBER: NA

Resample because earlier sample did not contain enough volume for all requested analyses.

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - ~~44~~ 47
page 1 of 1

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): [signature] (Printed Name): Martha L Clough

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd

PHONE NO: 330-497-9396

REQUESTED PARAMETERS — WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs, TCLP	SVOCs, TCLP	PCBs, TCLP	Pesticides, HCCB TCLP	Metals TCLP	CN	Explosives	Propellants	Filtered Metals	Ignitability, pH, React									No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2 1224	9/21/01	1159	WATER		2	2	2	1					1									8	

MLC 9/21/01

RELINQUISHED BY: [signature] Date/Time: 9/21/01 1545
COMPANY NAME: SAIC

RECEIVED BY: Date/Time:
COMPANY NAME:

TOTAL NUMBER OF: 8

Cooler Temperature: 4°C

Cooler ID: A36

FEDEX NUMBER: NA

RECEIVED BY: Al Haidet Date/Time: 9-21-01 1545
COMPANY NAME:

RELINQUISHED BY: Date/Time:
COMPANY NAME:

IDW Characterization

RELINQUISHED BY: Date/Time:
COMPANY NAME:

RECEIVED BY: Date/Time:
COMPANY NAME:

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COC NO.: LL2STL - ~~45~~ 48

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature) [signature] (Printed Name) Martha Clough

REQUESTED PARAMETERS — WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs, TCLP	PCBs, TCLP	Pesticides/Herb. TCLP	Metals, TCLP	CN	Explosives	Propellants	Filtered Metals	Ignitability, pH, react	No. of Containers
LL21226	9/21/01	1330	WATER		2	2	2	1					1	8

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS:
4101 Shuffel Drive NW
North Canton, Ohio 44720
Attn: Debbie Budd

PHONE NO: 330-497-9396

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

RELINQUISHED BY: [signature]	Date/Time 9/21/01 1545	RECEIVED BY:	Date/Time
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY: Al Haidt	Date/Time 9-21-01 1545	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF 8

Cooler Temperature: 4°C

Cooler ID: H19

FEDEX NUMBER: NA

IDW characterization

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CHAIN OF CUSTODY RECORD

COC NO.: LL2STL - 4649
page 1 of 1

PROJECT NAME: Load Line 2 Phase II RI	LABORATORY NAME: Severn Trent Laboratories, Inc.
DELIVERY ORDER NUMBER: ECAS 186	LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Debbie Budd
PROJECT MANAGER: Kevin Jago 865-481-4614	PHONE NO: 330-497-9396
Sampler (Signature): Martha Clough (Printed Name): Martha Clough	

REQUESTED PARAMETERS — WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs TCLP	PCBs TCLP	Pesticides/Herb TCLP	Metals TCLP	CN	Explosives	Propellants	Filtered Metals	Ignitability, pH, react.										No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL21225	9/21/01	1345	WATER		2	2	2	1					1										8	

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
Martha Clough	9/21/01 1545			TOTAL NUMBER OF: 8	Cooler Temperature: 4°C
COMPANY NAME: SAIC		COMPANY NAME:		Cooler ID: J75	FEDEX NUMBER: NA
RECEIVED BY: Al Haillet	9-21-01 1545	RELINQUISHED BY:	Date/Time	IDW Characterization	
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2GPL - 01
page 1 of 1

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2 1201	7-25-01	1605	soil	X								X				2	original = 0726
LL2 1193	7/26/01	0820		X			X		X	X		X				4	original = 0740
LL2 1202	7/26/01	1100		X								X				2	original = 0743
-2 1207	7/26/01	0931		X								X				2	original = 0693
-2 1196	7/26/01	1114		X			X					X				3	original = 0720
-2 1197	7/26/01	1055		X			X					X				3	original = 0887
-2 1189	7/26/01	1420		X		X	X	X	X	X	X	X				5	original = 0772
~~L2 1201~~	~~7/25/01~~	~~1605~~		X								X					~~e Vib 7/27/01~~
L2 1205	7/27/01	1000		X								X				2	original = 0932
L2 1198	7/27/01	0910		X								X				2	original = 1123
L2 1190	7/27/01	0818		X		Y	X	X	X	X	X	X				5	original = 0859
LL2 1194	7/26/01	1624		X			X		X	X		X				4	original = 0766
LL2 1191	7/26/01	1416		X		X	X		X	X	X	X				4	(38) original = 0850

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LABORATORY NAME: GP Environmental, Inc.

LABORATORY ADDRESS: 202 Perry Parkway, Gaithersburg, MD 20877, Attn: Darry Hartman

PHONE NO: 301-926-6802
FAX: 301-840-1209

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Vicki Brumback	7/27/01 1500		
COMPANY NAME: SAIC		COMPANY NAME:	
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF 38

Cooler Temperature: 4°C

Cooler ID: STL K96

FEDEX NUMBER: 818850985563

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CHAIN OF CUSTODY RECORD

COC NO.: LL2GPL - 02
page 1 of 2

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers
LL2 1209	7/28/01	0850		X												1
LL2 1199	7/28/01	1445		X								X				1
LL2 1192	7/28/01	1600	soil	X		X	X		X	X	X	X	X	.		2
L2 1208	7/27/01	1551	.	X	X											1
L2 1211	7/28/01	1145		X												1
L2 1210	7/28/01	1440		X												1
L2 1203	7/28/01	0815		X								X				1
L2 1204	7/27/01	1425		X								X				2
L2 1195	7/30/01	0938		X			X					X				2
																3
				vjb 7/30/01												

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LABORATORY NAME: GP Environmental, Inc.

LABORATORY ADDRESS: 202 Perry Parkway, Gaithersburg, MD 20877, Attn: Darry Hartman

PHONE NO: 301-926-6802

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

RELINQUISHED BY: Vicki Brumback	Date/Time 7/30/01 1230	RECEIVED BY:	Date/Time	TOTAL NUMBER OF see p 2/2	Cooler Temperature: 4°C
COMPANY NAME: SAIC		COMPANY NAME:		Cooler ID: STL J614	FEDEX NUMBER: 818850985552
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2GPL - 02
page 2 of 2

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL21213	7/29/01	1431	water	X	X	X	X	X	X	X	X		15	
LL2 1219	7/29/01	1421	water	X									1	TRIP BLANK
														16

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LABORATORY NAME: GP Environmental, Inc.

LABORATORY ADDRESS: 202 Perry Parkway, Gaithersburg, MD 20877, Attn: Darry Hartman

PHONE NO: 301-926-6802

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 33	Cooler Temperature: 4°C
COMPANY NAME: SAIC	7/30/01 1230	COMPANY NAME:		Cooler ID: STL J614	FEDEX NUMBER: 818850985552
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2GPL - 03
page 1 of 2

PROJECT NAME: Load Line 2 Phase II RI
DELIVERY ORDER NUMBER: ECAS 186
PROJECT MANAGER: Kevin Jago 865-481-4614
Sampler (Signature) (Printed Name)

LABORATORY NAME: GP Environmental, Inc.
LABORATORY ADDRESS: 202 Perry Parkway, Gaithersburg, MD 20877, Attn: Darry Hartman
PHONE NO: 301-926-6802

REQUESTED PARAMETERS — SOIL

Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP								No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL21206	7/31/01	0905	Soil	X								X											2	
LL21200	7/31/01	1111	Soil	X								X											2	

VB 7/31/01

RELINQUISHED BY: [signature]	Date/Time 7/31/01 1700	RECEIVED BY:	Date/Time	TOTAL NUMBER OF: See p. 2/2	Cooler Temperature:
COMPANY NAME: SAIC		COMPANY NAME:		Cooler ID: STL J815	FEDEX NUMBER: 818850985541
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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COC NO.: LL2GPL - 03
page 2 of 2

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	Cr+6	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2Q824	7/30/01	1350	WATER										1	1	CANCELLED

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LABORATORY NAME: GP Environmental, Inc.

LABORATORY ADDRESS: 202 Perry Parkway, Gaithersburg, MD 20877, Attn: Darry Hartman

PHONE NO: 301-926-6802

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 5	Cooler Temperature:
Vicki Brumback	7/31/00 1700			Cooler ID: J815	FEDEX NUMBER: 818850985541
COMPANY NAME: SAIC		COMPANY NAME:			
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2GPL - 04
page 1 of 1

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Vicki Brumback (Printed Name): Vicki Brumback

LABORATORY NAME: GP Environmental, Inc.

LABORATORY ADDRESS: 202 Perry Parkway, Gaithersburg, MD 20877, Attn: Darry Hartman

PHONE NO: 301-926-6802

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	HEXAVALENT CHROMIUM	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL20824 ✓	8-9-01	1456	water										X	1	

8-9-01 X16

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF	Cooler Temperature:
Vicki Brumback	8-9-01 1700			1	4°C
COMPANY NAME: SAIC		COMPANY NAME:		Cooler ID: J910	FEDEX NUMBER: 8188 5098 5482 (2 coolers)
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time	LL20824 recollected on 8/9/01 because the holding time (24 hrs) expired after the 1st sampling.	
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2GPL - 05
page 1 of 1

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature) Martha Clough (Printed Name) Martha Clough

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	Cr+6	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL21212	9/19/01	1350	water										1	1	

M Clough 9/19/01

LABORATORY NAME: GP Environmental, Inc.

LABORATORY ADDRESS: 202 Perry Parkway Gaithersburg, MD 20877 Attn: Darry Hartman

PHONE NO: 301-926-6802

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 1	Cooler Temperature: 4°C
Martha Clough	9/19/01 1700			Cooler ID: STL 05	FEDEX NUMBER: 829341083819
COMPANY NAME: SAIC		COMPANY NAME:			
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: LL2GPL - 06
page 1 of 1

PROJECT NAME: Load Line 2 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature): Martha L. Clough (Printed Name): Martha L. Clough

REQUESTED PARAMETERS

WATER

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL2 1223	9/19/01	1345	WATER	1									1	QC Trip
LL2 1212	9/19/01	1350	WATER	3	2	2	2		1	2	2	1	15	

LABORATORY NAME: GP Environmental, Inc.

LABORATORY ADDRESS: 202 Perry Parkway, Gaithersburg, MD 20877, Attn: Darry Hartman

PHONE NO: 301-926-6802

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RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 16	Cooler Temperature: 4°C
COMPANY NAME: SAIC	9/20/01 1700	COMPANY NAME:		Cooler ID: STL-K222	FEDEX NUMBER: 829341083738
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			