APPENDIX I
LABORATORY ANALYTICAL RESULTS

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Load Line 3 Appendix I

Table I-1. Surface Soil Inorganics

Location	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	Explosives Handling Areas Aggregate
Station	**LL3-054**	**LL3-055**	**LL3-056**	**LL3-057**	**LL3-057**	**LL3-058**	**LL3-059**	**LL3-060**
Sample ID	**LL30684**	**LL30687**	**LL30690**	**LL30693**	**LL31121**	**LL30696**	**LL30699**	**LL30702**
Customer ID	**LL3ss-054-0684-SO**	**LL3ss-055-0687-SO**	**LL3ss-056-0690-SO**	**LL3ss-057-0693-SO**	**LL3ss-057-1121-SO**	**LL3ss-058-0696-SO**	**LL3ss-059-0699-SO**	**LL3ss-060-0702-SO**
Date	**08/10/2001**	**08/10/2001**	**08/10/2001**	**07/31/2001**	**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**	**Field Duplicate**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
Aluminum	9480 =	4460 =	9050 =	6820 =	7700 =	23400 = *	7940 =	7140 =
Antimony	1.1 UJ	1.2 UJ	1.1 UJ	1.1 UJ	1.1 UJ	4 J *	1.1 UJ	1.1 UJ
Arsenic	12.4 =	7.5 =	7.8 =	13.8 J	14.5 J	8.8 J	9.8 J	10.8 J
Barium	105 J *	774 J *	88.4 J	60.5 =	50.9 =	1190 = *	47.8 =	62.1 =
Beryllium	0.97 = *	0.55 =	1.2 = *	0.5 J	0.67 =	3.3 = *	0.33 J	0.42 J
Cadmium	7.5 = *	76.6 = *	0.54 = *	0.4 J *	0.41 J *	28.7 = *	0.4 J *	0.95 = *
Calcium	19300 J *	16600 J *	40100 J *	1650 =	2150 =	122000 = *	6540 =	1480 =
Chromium	17.3 J	106 J *	6 J	12.6 =	13.8 =	175 = *	11.4 =	13 =
Chromium, hexavalent								
Cobalt	4.8 =	6.5 =	3.6 =	9.9 =	12.6 = *	17.7 = *	5.9 =	7.9 =
Copper	13.7 J	55.3 J *	13.4 J	16.9 =	19.3 = *	98.5 = *	20.5 = *	14.8 =
Cyanide		2.4 = *		0.55 U	0.55 U			
Iron	17600 J	32800 J *	9930 J	18300 =	21800 =	61200 = *	17900 =	18000 =
Lead	67.2 J *	2500 J *	36.6 J *	68.6 J *	52 J *	1590 J *	46.4 J *	25.7 J
Magnesium	4400 J *	2390 J	8010 J *	1760 =	2190 =	17300 = *	1960 =	1610 =
Manganese	1210 J	950 J	596 J	592 =	495 =	2300 = *	310 =	1020 =
Mercury	0.012 J	0.1 J *	0.019 J	0.011 J	0.011 J	0.15 = *	0.027 J	0.028 J
Nickel	12.5 =	16.7 =	6.8 =	21.8 = *	26.2 = *	24.8 = *	15.2 =	16.8 =
Potassium	749 J	309 J	454 J	797 =	861 =	1120 = *	614 =	632 =
Selenium	0.47 J	0.64 J	0.52 J	2.2 U	2.2 U	2.6 = *	0.35 J	0.49 J
Silver	0.54 U	0.4 J *	0.55 U	0.55 U	0.55 U	0.29 J *	0.53 U	0.55 U
Sodium	544 U	110 J	150 J *	550 U	549 U	620 = *	533 U	547 U
Thallium	0.33 J *	0.24 J *	0.22 J *	0.36 U	0.39 U	0.16 J *	0.35 U	0.37 U
Vanadium	13.1 =	6.4 =	6.4 =	12.9 =	13.2 =	11.8 =	13.2 =	14.3 =
Zinc	82.1 = *	1360 = *	61.9 = *	116 = *	84.6 = *	2830 = *	75.6 = *	56.4 =

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	Packaging and Shipping Areas Aggregate
Station	**LL3-063**	**LL3-064**	**LL3-065**	**LL3-065**	**LL3-066**	**LL3-067**	**LL3-070**	**LL3-071**
Sample ID	**LL30707**	**LL30710**	**LL30713**	**LL31129**	**LL30716**	**LL30719**	**LL30724**	**LL30727**
Customer ID	**LL3ss-063-0707-SO**	**LL3ss-064-0710-SO**	**LL3ss-065-0713-SO**	**LL3ss-065-1129-SO**	**LL3ss-066-0716-SO**	**LL3ss-067-0719-SO**	**LL3ss-070-0724-SO**	**LL3ss-071-0727-SO**
Date	**07/31/2001**	**07/31/2001**	**08/07/2001**	**08/07/2001**	**08/08/2001**	**07/31/2001**	**08/08/2001**	**08/08/2001**
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	6660 =	10300 =	8000 =	8660 =	8250 =	2520 =	7210 =	9290 =
Antimony	1.1 UJ	1.1 UJ	1.2 UJ	1.2 UJ	0.6 J	0.51 J	1.1 UJ	1.1 UJ
Arsenic	10.6 J	12 J	15.9 J *	12.3 J	13.4 =	5.3 J	15.8 = *	11.6 =
Barium	134 = *	57.5 =	64.3 J	54.4 J	99.2 = *	124 = *	34.2 =	250 = *
Beryllium	0.36 J	0.49 J	0.54 =	0.51 =	0.73 =	0.19 U	0.64 =	0.9 = *
Cadmium	2.5 = *	0.36 J *	0.86 = *	0.8 = *	1.3 = *	5.7 = *	0.42 = *	0.83 = *
Calcium	8230 =	7700 =	2830 J	3380 J	8850 =	3270 =	1490 =	15900 = *
Chromium	16.2 =	14.2 =	16 =	16.7 =	20.7 = *	19.8 = *	16.6 =	10.8 =
Chromium, hexavalent								
Cobalt	6.6 =	8.6 =	10.3 J	8.7 J	9.6 =	3.1 =	12 = *	4.9 =
Copper	22.8 = *	13.4 =	16.8 =	16.8 =	31.1 = *	12.6 =	21.5 = *	17.8 J *
Cyanide		0.57 U						
Iron	18400 =	22600 =	25100 J *	24000 J *	25400 J *	11800 =	22900 J	13800 =
Lead	103 J *	23.5 J	61.9 J *	79.8 J *	103 J *	758 J *	15.9 J	44.4 J *
Magnesium	2730 =	2410 =	1920 =	1900 =	2530 =	877 =	2230 =	3550 = *
Manganese	441 =	505 =	774 J	470 J	890 J	210 =	580 J	783 =
Mercury	0.028 J	0.037 J *	0.011 J	0.03 J	0.11 U	0.016 J	0.02 J	0.072 J *
Nickel	15.9 =	16.5 =	20.4 J	17.4 J	24.1 J *	13.3 =	27.8 J *	10.9 =
Potassium	585 =	718 =	822 =	851 =	1030 = *	271 J	1130 = *	551 J
Selenium	0.42 J	2.3 U	0.37 J	0.5 J	0.68 =	2.1 U	0.55 J	2.3 U
Silver	0.55 U	0.57 U	0.58 U	0.59 U	0.57 U	0.52 U	0.57 U	0.57 U
Sodium	553 U	567 U	584 U	586 U	573 U	524 U	567 U	573 U
Thallium	0.37 U	0.42 U	0.36 = *	0.32 U	0.36 = *	0.28 U	0.29 = *	0.25 J *
Vanadium	12 =	19.2 =	15.4 J	16.7 J	14.1 =	5.9 =	13.5 =	9.5 =
Zinc	159 = *	60.5 =	116 = *	152 = *	135 J *	94.3 = *	50.9 J	303 = *

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	**LL3-072**	**LL3-073**	**LL3-074**	**LL3-074**	**LL3-075**	**LL3-076**	**LL3-077**	**LL3-077**
Sample ID	**LL30730**	**LL30733**	**LL30736**	**LL31124**	**LL30739**	**LL30742**	**LL30745**	**LL31131**
Customer ID	**LL3ss-072-0730-SO**	**LL3ss-073-0733-SO**	**LL3ss-074-0736-SO**	**LL3ss-074-1124-SO**	**LL3ss-075-0739-SO**	**LL3ss-076-0742-SO**	**LL3ss-077-0745-SO**	**LL3ss-077-1131-SO**
Date	**08/09/2001**	**08/09/2001**	**08/09/2001**	**08/09/2001**	**08/09/2001**	**08/09/2001**	**08/10/2001**	**08/10/2001**
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**	**Field Duplicate**
Analyte (mg/kg)								
Aluminum	11900 =	4670 =	6360 =	5450 =	10200 =	4540 =	23800 = *	17000 =
Antimony	0.59 UJ	1.1 UJ	1.2 UJ	1.2 UJ	1.1 UJ	0.58 UJ	33.6 J *	166 J *
Arsenic	16.7 = *	12.1 =	11.8 =	10.4 =	12.2 =	8.1 =	6.1 =	22.8 = *
Barium	141 = *	39.7 =	44 =	42.5 =	75.5 =	33.4 =	816 J *	2340 J *
Beryllium	1.4 = *	0.28 U	0.45 J	0.41 J	0.87 =	0.31 U	3.4 = *	3.3 = *
Cadmium	0.42 J *	0.7 = *	0.41 J *	0.48 J *	0.24 J *	0.33 J *	37.3 = *	58.2 = *
Calcium	25500 = *	2080 =	942 =	713 =	13500 =	1650 =	132000 J *	81800 J *
Chromium	12.8 =	9.3 =	11.4 =	11.4 =	12 =	8.7 =	136 = *	1050 J *
Chromium, hexavalent								
Cobalt	7.5 =	4.6 =	7.6 =	6.2 =	6.3 =	5.6 =	5 =	20.8 = *
Copper	15.4 J	18.8 J *	13.2 J	15.6 J	11 J	11 J	116 J *	236 J *
Cyanide								
Iron	18500 =	14800 =	16000 =	14500 =	16600 =	10900 =	18900 J	44500 J *
Lead	34.2 J *	41 J *	36.7 J *	40.8 J *	15 J	26 J	1570 J *	8950 J *
Magnesium	4750 = *	1200 =	1010 =	934 =	3160 = *	1220 =	11600 J *	9130 J *
Manganese	1100 =	362 =	639 =	466 =	827 =	252 =	3260 J *	2670 J *
Mercury	0.07 J *	0.068 J *	0.16 = *	0.23 = *	0.051 J *	0.015 J	0.59 = *	0.87 = *
Nickel	19.5 =	11.7 =	12.7 =	12 =	12.2 =	12.5 =	17.8 =	36.4 = *
Potassium	944 = *	422 J	406 J	336 J	719 =	580 =	815 J	702 J
Selenium	0.77 J	2.2 U	0.45 J	0.81 J	2.2 U	2.2 U	0.57 J	0.55 J
Silver	0.58 U	0.55 U	0.59 U	0.6 U	0.55 U	0.56 U	27.7 = *	1.8 = *
Sodium	89.4 J	550 U	593 U	597 U	555 U	558 U	363 J *	439 J *
Thallium	0.29 J *	0.24 J *	0.24 J *	0.27 J *	0.28 J *	0.3 J *	0.27 J *	0.15 J *
Vanadium	12.4 =	7.9 =	13.4 =	11.6 =	13.5 =	7.6 =	4.8 =	8.4 =
Zinc	93.9 = *	165 = *	139 = *	142 = *	53.5 =	56.1 =	1540 = *	3700 = *

Table I-1. Surface Soil Inorganics (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL3-078**	**LL3-079**	**LL3-080**	**LL3-081**	**LL3-082**	**LL3-082**	**LL3-083**	**LL3-084**
Sample ID	**LL30748**	**LL30751**	**LL30754**	**LL30757**	**LL30760**	**LL31126**	**LL30763**	**LL30766**
Customer ID	**LL3ss-078-0748-SO**	**LL3ss-079-0751-SO**	**LL3ss-080-0754-SO**	**LL3ss-081-0757-SO**	**LL3ss-082-0760-SO**	**LL3ss-082-1126-SO**	**LL3ss-083-0763-SO**	**LL3ss-084-0766-SO**
Date	**08/11/2001**	**08/10/2001**	**08/10/2001**	**08/09/2001**	**08/10/2001**	**08/10/2001**	**08/06/2001**	**08/11/2001**
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)								
Aluminum	8360 J	9890 J	5660 =	12000 =	6840 =	6350 =	8320 J	5110 J
Antimony	1.1 UJ	1.1 UJ	1.1 UJ	1.2 UJ	1.1 UJ	1.1 UJ	1.2 UJ	1.2 UJ
Arsenic	9.5 =	13.3 =	11.3 =	11.9 =	11.7 =	10 =	12.5 J	12.4 =
Barium	53.7 =	64.2 =	24.9 =	65.6 =	47.7 J	40.8 J	65.5 J	35.6 =
Beryllium	0.67 =	0.64 =	0.3 U	0.56 J	0.38 U	0.34 U	0.68 =	0.53 J
Cadmium	0.2 J *	0.2 J *	0.072 J *	0.15 J *	0.77 = *	0.38 = *	0.55 = *	0.12 J *
Calcium	10500 =	4650 =	614 J	726 =	2900 J	2400 J	2860 J	1880 =
Chromium	8.4 J	12.9 J	7 J	14.9 =	12.1 J	10 J	14.8 J	11.2 J
Chromium, hexavalent								
Cobalt	6.2 J	8.6 J	5.3 =	8.9 =	7.2 =	6.1 =	11.7 J *	7.2 J
Copper	16.4 J	14.5 J	20.4 = *	88.2 J *	20.3 J *	18 J *	22.4 J *	13.1 J
Cyanide								
Iron	14900 =	21300 =	15500 =	21500 =	17900 J	16100 J	17600 J	12600 =
Lead	19.8 =	16.3 =	15.1 J	66.5 J *	45.5 J *	32.8 J *	34.3 J *	10.8 =
Magnesium	3370 = *	2460 =	1210 =	2260 =	2020 J	1830 J	1800 J	1520 =
Manganese	550 =	457 =	236 =	435 =	369 J	324 J	744 J	330 =
Mercury	0.024 J	0.086 J *	0.011 J	0.044 J *	0.058 J *	0.049 J *	0.048 J *	0.015 J
Nickel	14.6 =	17.8 =	11.4 =	16.3 =	13.6 =	13 =	22.2 J *	21.2 = *
Potassium	623 =	980 = *	390 J	856 =	590 J	502 J	575 J	789 =
Selenium	2.2 U	2.1 U	2.3 U	2.4 U	2.2 U	2.2 U	0.45 J	2.4 U
Silver	0.56 U	0.53 U	0.57 U	0.59 U	0.55 U	0.55 U	0.47 J *	0.32 J *
Sodium	557 U	227 J *	571 U	595 U	547 U	547 U	595 U	605 U
Thallium	0.25 UJ	0.37 UJ	0.18 J *	0.34 J *	0.22 J *	0.2 J *	0.33 U	0.21 U
Vanadium	10.8 =	17.7 =	9.6 =	19.2 =	12.6 =	11 =	14.9 J	9 =
Zinc	54.3 =	54.1 =	59.4 J	63.6 = *	81.9 = *	70.3 = *	105 J *	40.8 =

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	**LL3-085**	**LL3-086**	**LL3-087**	**LL3-087**	**LL3-088**	**LL3-089**	**LL3-090**	**LL3-090**
Sample ID	**LL30769**	**LL30772**	**LL30775**	**LL31135**	**LL30778**	**LL30781**	**LL30784**	**LL31127**
Customer ID	**LL3ss-085-0769-SO**	**LL3ss-086-0772-SO**	**LL3ss-087-0775-SO**	**LL3ss-087-1135-SO**	**LL3ss-088-0778-SO**	**LL3ss-089-0781-SO**	**LL3ss-090-0784-SO**	**LL3ss-090-1127-SO**
Date	**08/06/2001**	**08/06/2001**	**08/06/2001**	**08/06/2001**	**08/06/2001**	**08/06/2001**	**08/01/2001**	**08/01/2001**
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**	**Field Duplicate**
Analyte (mg/kg)								
Aluminum	9050 J	11000 J	9580 J	11800 J	13800 J	9740 J	7470 =	7360 =
Antimony	1.3 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.2 UJ	1.2 UJ	1.1 UJ	1.1 UJ
Arsenic	12.6 J	11 J	11.5 J	11.5 J	11.4 J	13.6 J	13.1 J	11.2 J
Barium	98.7 J *	201 J *	64.3 J	71.3 J	166 J *	62.6 J	53.2 =	52.9 =
Beryllium	1.1 = *	1.1 = *	0.67 =	0.92 = *	1.6 = *	0.65 =	0.58 =	0.55 =
Cadmium	2.4 = *	0.23 = *	0.2 = *	0.24 = *	0.95 = *	0.24 = *	0.37 J *	0.42 J *
Calcium	12800 J	17200 J *	3610 J	6360 J	44900 J *	971 J	1580 =	1530 =
Chromium	17.7 J *	12.2 J	13.7 J	12.4 J	17 J	15.1 J	13.1 =	14.8 =
Chromium, hexavalent								
Cobalt	7.2 J	10.7 J *	8.7 J	8.9 J	7.4 J	10.9 J *	8.5 =	8.4 =
Copper	26 J *	12.9 J	12.1 J	12.6 J	25.8 J *	19.5 J *	16.2 =	16.3 =
Cyanide		0.57 U						
Iron	17400 J	16800 J	19200 J	17300 J	14400 J	25800 J *	19300 =	17400 =
Lead	107 J *	18.8 J	24.3 J	23.7 J	89.9 J *	21.6 J	36 J *	42.7 J *
Magnesium	2760 J	3370 J *	1620 J	1900 J	6470 J *	1800 J	1740 =	1630 =
Manganese	819 J	1810 J *	846 J	654 J	1160 J	620 J	451 =	472 =
Mercury	0.076 J *	0.044 J *	0.043 J *	0.04 J *	0.055 J *	0.024 J	0.018 J	0.04 J *
Nickel	19.2 J	13.2 J	16.8 J	16.1 J	16.4 J	19 J	21 =	21.5 = *
Potassium	627 =	754 =	572 =	498 J	972 = *	711 =	667 =	712 =
Selenium	1.3 =	0.43 J	2.3 U	0.36 J	0.41 J	2.4 U	0.36 J	2.2 U
Silver	4.5 = *	0.57 U	0.57 U	0.57 U	0.93 = *	0.59 U	0.55 U	0.55 U
Sodium	627 U	63.4 J	568 U	567 U	98.6 J	588 U	551 U	553 U
Thallium	0.31 UJ	0.37 = *	0.36 = *	0.29 U	0.27 U	0.36 = *	0.4 U	0.43 U
Vanadium	13.3 J	15.5 J	18.6 J	17 J	11.7 J	16.4 J	13.8 =	13.4 =
Zinc	157 J *	46.5 J	56.2 J	52.3 J	201 J *	64.9 J *	74.9 = *	79.2 = *

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	**LL3-091**	**LL3-092**	**LL3-093**	**LL3-097**	**LL3-097**	**LL3-098**	**LL3-099**	**LL3-100**
Sample ID	**LL30787**	**LL30790**	**LL30793**	**LL30799**	**LL31119**	**LL30802**	**LL30805**	**LL30808**
Customer ID	**LL3ss-091-0787-SO**	**LL3ss-092-0790-SO**	**LL3ss-093-0793-SO**	**LL3ss-097-0799-SO**	**LL3ss-097-1119-SO**	**LL3ss-098-0802-SO**	**LL3ss-099-0805-SO**	**LL3ss-100-0808-SO**
Date	**08/11/2001**	**08/07/2001**	**08/06/2001**	**08/07/2001**	**08/07/2001**	**08/07/2001**	**08/07/2001**	**08/07/2001**
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)								
Aluminum	6920 J	12200 =	10700 J	10800 =	14700 =	9580 =	10100 =	13200 =
Antimony	1.1 UJ	0.78 J	1.2 UJ	0.97 J *	0.75 J	1.2 UJ	1.2 UJ	1.2 UJ
Arsenic	19.4 = *	13.6 =	11.7 J	8 =	7.3 =	12.3 =	31.4 = *	8.3 =
Barium	39.6 =	224 = *	82.8 =	152 = *	170 = *	62.2 =	66.1 =	75.8 =
Beryllium	0.82 =	0.79 =	0.69 =	1.6 = *	2.2 = *	0.6 =	1.3 = *	0.47 =
Cadmium	0.17 J *	12.6 = *	0.29 = *	0.16 = *	0.15 = *	0.34 = *	0.33 = *	0.35 = *
Calcium	2240 =	15100 =	8400 J	44800 = *	59800 = *	1920 =	965 =	1830 =
Chromium	14.5 J	48.6 = *	13.4 J	9.7 =	9.8 =	14.8 =	29.2 = *	17.8 = *
Chromium, hexavalent								
Cobalt	13.4 J *	13.2 = *	9.1 J	2.2 =	2.3 =	7.7 =	22.1 = *	6.9 =
Copper	20.9 J *	88.9 = *	12.4 J	4.6 =	4.6 =	9.5 =	28.8 = *	13.4 =
Cyanide				0.55 U	0.59 U			
Iron	20600 =	33200 = *	19400 J	8090 =	7150 =	23900 = *	29000 = *	18400 =
Lead	15.8 =	599 J *	21.8 J	19.7 J	22.3 J	19.5 J	16.6 J	20.4 J
Magnesium	1970 =	10400 = *	1950 J	7980 = *	11200 = *	1390 =	3020 =	1930 =
Manganese	514 =	894 =	883 J	2060 = *	2650 = *	590 =	455 =	311 =
Mercury	0.018 J	0.14 UJ	0.044 J *	0.028 UJ	0.024 UJ	0.041 UJ	0.044 UJ	0.051 UJ
Nickel	31.8 = *	57.2 = *	14.7 J	3.1 =	2.7 =	10.4 =	40.5 = *	13.3 =
Potassium	1090 = *	791 =	586 J	669 =	827 =	487 J	1080 = *	729 =
Selenium	2.3 U	1.3 =	2.3 U	0.68 =	0.37 J	0.79 =	0.55 J	0.42 J
Silver	0.57 U	0.95 = *	0.59 U	0.55 U	0.59 U	0.59 U	0.6 U	0.62 U
Sodium	569 U	621 U	587 U	240 J *	399 J *	591 U	604 U	615 U
Thallium	0.31 UJ	0.53 = *	0.34 U	0.21 J *	0.22 J *	0.35 = *	0.36 = *	0.37 = *
Vanadium	13.3 =	19.5 =	20.7 J	8.1 =	9.3 =	21.9 =	20.8 =	20.7 =
Zinc	63.4 = *	1070 = *	63.2 J *	22.4 =	21.3 =	48.1 =	66.2 = *	55.2 =

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	**LL3-101**	**LL3-102**	**LL3-103**	**LL3-104**	**LL3-105**	**LL3-106**	**LL3-111**	**LL3-112**
Sample ID	**LL30811**	**LL30814**	**LL30817**	**LL30820**	**LL30823**	**LL30826**	**LL30833**	**LL30836**
Customer ID	**LL3ss-101-0811-SO**	**LL3ss-102-0814-SO**	**LL3ss-103-0817-SO**	**LL3ss-104-0820-SO**	**LL3ss-105-0823-SO**	**LL3ss-106-0826-SO**	**LL3ss-111-0833-SO**	**LL3ss-112-0836-SO**
Date	**08/11/2001**	**08/07/2001**	**08/07/2001**	**08/08/2001**	**08/08/2001**	**08/08/2001**	**08/08/2001**	**08/07/2001**
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	5500 J	4180 =	6950 =	8360 =	6220 =	8250 =	23100 = *	10500 =
Antimony	1.1 UJ	164 J *	0.93 J	1.2 UJ	1.2 UJ	1.6 UJ	2.8 J *	1.1 UJ
Arsenic	6.3 =	34 = *	15.5 = *	13.7 =	9.1 =	12.3 =	4.5 =	12.4 J
Barium	50.4 =	102 = *	1330 = *	90.6 = *	43.1 =	395 = *	552 = *	39.6 J
Beryllium	0.62 =	0.43 J	0.49 =	0.68 =	0.38 J	0.54 J	3.3 = *	0.49 U
Cadmium	0.32 J *	5.7 = *	8.2 = *	0.79 = *	0.43 J *	2.7 = *	4.2 = *	0.41 = *
Calcium	8750 =	2020 =	2520 =	5700 =	2470 =	2260 =	121000 = *	786 J
Chromium	11.1 J	320 = *	36.8 = *	14.9 J	13.9 J	33.8 J *	27.1 = *	15.1 =
Chromium, hexavalent								
Cobalt	4.1 J	25.8 = *	11.4 = *	9.2 =	4.6 =	7.5 =	3 =	9.3 J
Copper	11.7 J	243 = *	49.8 = *	17.3 =	20.2 = *	42.9 = *	61.7 J *	17.6 =
Cyanide	0.56 U							
Iron	19800 =	178000 = *	44600 = *	18100 =	13400 =	21000 =	18200 =	19500 J
Lead	19.4 =	1350 J *	231 J *	62.7 = *	43.1 = *	405 = *	201 J *	22.8 J
Magnesium	1760 =	884 =	1660 =	1950 =	1460 =	2770 =	15800 = *	1680 =
Manganese	620 =	2700 = *	1030 =	692 =	232 =	518 =	2890 = *	264 J
Mercury	0.011 J	0.061 UJ	0.068 UJ	0.054 J *	0.024 J	0.045 J *	0.046 J *	0.053 J *
Nickel	11.8 =	77.1 = *	22.9 = *	20.1 =	12.4 =	24.2 = *	7.2 =	15.3 J
Potassium	683 =	270 J	465 J	780 =	503 J	827 =	1260 = *	605 =
Selenium	2.2 U	11.8 U	0.61 =	0.63 J	2.3 U	2.4 U	0.45 J	0.82 =
Silver	0.56 U	0.27 J *	0.79 = *	0.61 U	0.58 U	0.6 U	0.55 U	0.57 U
Sodium	558 U	588 U	585 U	612 U	581 U	596 U	526 J *	570 U
Thallium	0.22 UJ	0.31 = *	0.36 = *	0.28 = *	0.22 J *	0.3 = *	0.28 J *	0.34 U
Vanadium	11.2 =	14.6 =	19.5 =	13.8 =	10.2 =	13.7 =	8.8 =	18.2 J
Zinc	44.7 =	224 = *	687 = *	113 = *	87.3 = *	386 = *	222 = *	81.9 = *

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	**LL3-112**	**LL3-113**	**LL3-114**	**LL3-115**	**LL3-116**	**LL3-117**	**LL3-118**	**LL3-119**
Sample ID	**LL31128**	**LL30839**	**LL30842**	**LL30845**	**LL30848**	**LL30851**	**LL30854**	**LL30857**
Customer ID	**LL3ss-112-1128-SO**	**LL3ss-113-0839-SO**	**LL3ss-114-0842-SO**	**LL3ss-115-0845-SO**	**LL3ss-116-0848-SO**	**LL3ss-117-0851-SO**	**LL3ss-118-0854-SO**	**LL3ss-119-0857-SO**
Date	**08/07/2001**	**08/07/2001**	**08/08/2001**	**08/08/2001**	**08/08/2001**	**08/06/2001**	**08/07/2001**	**08/07/2001**
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)								
Aluminum	11900 =	6730 =	11500 =	7960 =	7780 =	8870 J	9100 =	10400 =
Antimony	1.2 UJ	1.2 UJ	1.1 UJ	1.1 UJ	1.1 UJ	2 J *	1.1 UJ	1.2 UJ
Arsenic	13.2 J	8.9 =	12.2 =	9 =	8.2 =	13.3 J	12.6 J	13.2 J
Barium	47.9 J	67.2 =	69.6 =	71.4 =	86.5 =	375 J *	53.8 J	68.1 J
Beryllium	0.54 =	0.74 =	0.63 =	0.53 J	0.54 J	0.63 =	0.53 =	0.66 =
Cadmium	0.55 = *	0.5 = *	0.16 J *	0.11 J *	0.15 J *	11.4 = *	0.62 = *	0.38 = *
Calcium	970 J	24500 = *	1640 =	508 J	528 J	54000 J *	2410 J	1950 J
Chromium	18.2 = *	10.5 =	17.3 J	17 J	18.7 = *	98.9 J *	14 =	17.9 = *
Chromium, hexavalent								
Cobalt	7.7 J	5 =	10.7 = *	10.5 = *	11.9 = *	29.1 J *	7.7 J	10.7 J *
Copper	19.9 = *	15.6 =	19.4 = *	15.1 =	15.5 J	297 J *	22.4 = *	22.2 = *
Cyanide						0.59 U		
Iron	21300 J	14000 =	23500 = *	21700 =	17000 =	76900 J *	19500 J	22600 J
Lead	38 J *	35 J *	13.8 =	13.3 =	15.7 J	432 J *	30.4 J *	26.8 J *
Magnesium	1890 =	3690 = *	3240 = *	2120 =	2190 =	3280 J *	2120 =	2870 =
Manganese	264 J	840 =	271 =	361 =	442 =	1160 J	328 J	314 J
Mercury	0.055 J *	0.034 UJ	0.11 U	0.11 U	0.11 U	0.24 J *	0.04 J *	0.022 J
Nickel	15.9 J	10.5 =	25.6 = *	24.2 = *	27.2 = *	57 J *	17.3 J	25.7 J *
Potassium	748 =	394 J	1080 = *	909 =	1050 = *	719 =	725 =	1240 = *
Selenium	0.7 =	0.5 J	2.3 U	2.2 U	2.3 U	4.7 U	0.36 J	0.43 J
Silver	0.59 U	0.58 U	0.57 U	0.55 U	0.56 U	0.5 J *	0.57 U	0.59 U
Sodium	586 U	577 U	567 U	549 U	563 U	593 U	568 U	587 U
Thallium	0.3 U	0.25 = *	0.31 = *	0.31 = *	0.33 J *	0.36 = *	0.27 U	0.32 = *
Vanadium	20.1 J	8.7 =	17.1 =	13.3 =	12.9 =	20.4 J	13.7 J	16 J
Zinc	97.9 = *	64.7 = *	58.4 =	47.4 =	46.7 =	825 J *	97.7 = *	76.7 = *

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	**LL3-120**	**LL3-121**	**LL3-122**	**LL3-126**	**LL3-127**	**LL3-127**	**LL3-128**	**LL3-129**
Sample ID	**LL30860**	**LL30863**	**LL30866**	**LL30872**	**LL30875**	**LL31123**	**LL30878**	**LL30881**
Customer ID	**LL3ss-120-0860-SO**	**LL3ss-121-0863-SO**	**LL3ss-122-0866-SO**	**LL3ss-126-0872-SO**	**LL3ss-127-0875-SO**	**LL3ss-127-1123-SO**	**LL3ss-128-0878-SO**	**LL3ss-129-0881-SO**
Date	**08/06/2001**	**08/06/2001**	**08/01/2001**	**08/07/2001**	**08/07/2001**	**08/07/2001**	**08/07/2001**	**08/06/2001**
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)								
Aluminum	10700 J	10500 J	7080 =	5880 =	8490 =	9040 =	7310 =	8190 J
Antimony	1.2 UJ	1.2 UJ	1.1 UJ	1.1 UJ	1.2 UJ	1.2 UJ	0.68 J	1.1 UJ
Arsenic	12.4 J	13.3 J	10.1 J	12.2 J	11.6 =	12 =	10.8 J	12.3 J
Barium	59.8 J	72.9 =	43.1 =	33.7 J	46.3 =	50.7 =	558 J *	144 J *
Beryllium	0.6 =	0.68 =	0.39 J	0.47 =	0.5 =	0.52 =	0.5 =	0.98 = *
Cadmium	0.93 = *	0.3 = *	0.3 J *	0.28 = *	0.33 = *	0.32 = *	0.98 = *	0.28 = *
Calcium	2160 J	4360 J	1090 =	1540 J	1670 =	1830 =	3230 J	24600 J *
Chromium	19 J *	14.8 J	9.9 =	12.3 =	14.5 =	16 =	43.1 = *	11 J
Chromium, hexavalent								
Cobalt	9.6 J	10.2 J	6.4 =	6.6 J	8.9 =	8.8 =	7.5 J	4.5 J
Copper	21.1 J *	18.2 J *	13.4 =	12.8 =	21.9 = *	22.3 = *	23.4 = *	22.5 J *
Cyanide		0.58 U						
Iron	24000 J *	21700 J	16000 =	15300 J	21300 J	22100 J	24200 J *	15100 J
Lead	72.7 J *	22.2 J	19.8 J	23.5 J	17.3 J	17.7 J	188 J *	31.5 J *
Magnesium	2120 J	2740 J	1590 =	1450 =	2260 =	2410 =	1690 =	4210 J *
Manganese	558 J	562 J	342 =	367 J	402 J	414 J	524 J	828 J
Mercury	0.043 J *	0.033 J	0.024 J	0.012 J	0.03 J	0.021 J	0.026 J	0.025 J
Nickel	20.1 J	20.9 J	14.4 =	16.5 J	20 J	21.1 J	16.7 J	12 J
Potassium	769 =	992 = *	629 =	608 =	985 = *	925 =	820 =	594 =
Selenium	0.38 J	2.3 U	2.2 U	2.2 U	0.57 J	0.62 =	2.2 U	0.4 J
Silver	0.59 U	0.58 U	0.55 U	0.56 U	0.59 U	0.59 U	0.55 U	0.55 U
Sodium	594 U	582 U	546 U	560 U	594 U	593 U	551 U	70 J
Thallium	0.32 U	0.36 = *	0.41 U	0.31 = *	0.36 = *	0.38 = *	0.34 = *	0.33 UJ
Vanadium	18.1 J	16.1 J	12.4 =	10.1 J	15.1 =	15.4 =	12.9 J	9.4 J
Zinc	88 J *	65.1 J *	54.8 =	58.8 =	47.8 J	49.7 J	212 = *	61.6 J

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	**LL3-130**	**LL3-131**	**LL3-132**	**LL3-133**	**LL3-134**	**LL3-135**	**LL3-136**	**LL3-137**
Sample ID	**LL30884**	**LL30887**	**LL30890**	**LL30893**	**LL30896**	**LL30899**	**LL30902**	**LL30905**
Customer ID	**LL3ss-130-0884-SO**	**LL3ss-131-0887-SO**	**LL3ss-132-0890-SO**	**LL3ss-133-0893-SO**	**LL3ss-134-0896-SO**	**LL3ss-135-0899-SO**	**LL3ss-136-0902-SO**	**LL3ss-137-0905-SO**
Date	**08/06/2001**	**08/06/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**
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	6160 J	10300 J	9570 =	6590 J	4250 J	6830 J	11200 =	6110 =
Antimony	1.2 UJ	1.2 UJ	1.2 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.2 UJ	1.1 UJ
Arsenic	9.7 J	9.7 J	10.5 =	12.3 =	6.9 =	10.9 =	10.7 =	11.3 =
Barium	41.9 J	59.9 J	54.3 =	36.5 =	26.7 =	44.8 =	131 = *	132 = *
Beryllium	0.52 U	0.52 U	0.56 J	0.47 =	0.26 J	0.52 J	1.2 = *	0.53 J
Cadmium	0.93 = *	0.46 = *	0.25 J *	0.18 J *	0.15 J *	0.27 J *	1.1 = *	2.5 = *
Calcium	3950 J	1250 J	1480 =	1000 =	1970 =	2640 =	21000 J *	7510 J
Chromium	8.9 J	11.8 J	14.8 =	9.1 J	5.4 J	10 J	15.5 J	16.8 J
Chromium, hexavalent								
Cobalt	5.6 J	8.1 J	9 =	6.3 J	4.2 J	6.9 J	6.8 =	5.6 =
Copper	13.4 J	11.8 J	19 = *	13.1 J	10 J	13.3 J	17.4 =	115 = *
Cyanide			0.58 U		11 J			
Iron	12700 J	18000 J	20200 =	15900 =	12 J	17100 =	19400 =	22800 =
Lead	22.4 J	18 J	26.6 = *	15.2 =	13 J	19.2 =	150 J *	153 J *
Magnesium	1550 J	1580 J	2260 =	1420 =	14 J	1540 =	4220 = *	2670 =
Manganese	376 J	796 J	287 =	367 =	15 J	499 =	1150 =	460 =
Mercury	0.035 J	0.057 J *	0.013 J	0.021 J	16 J	0.016 J	0.047 J *	0.053 J *
Nickel	12.1 J	11.3 J	20.4 =	13.8 =	17 J	14.3 =	17.2 =	20 =
Potassium	643 =	617 =	882 =	662 =	18 J	605 =	894 =	386 J
Selenium	2.3 U	0.56 J	2.3 U	2.2 U	19 J	0.55 U	2.3 U	2.4 U
Silver	0.59 U	0.59 U	0.58 U	0.54 U	20 J	0.56 U	0.58 U	0.6 U
Sodium	586 U	587 U	579 U	544 U	21 J	560 U	106 J	601 U
Thallium	0.3 U	0.34 U	0.38 UJ	0.19 U	22 J	0.46 UJ	0.2 J *	0.31 J *
Vanadium	9.2 J	18.4 J	15.5 =	11.9 =	23 J	12.3 J	12.2 =	13.2 =
Zinc	56.7 J	52.3 J	60.3 =	49.2 =	24 J	83.5 J *	191 J *	224 J *

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	Preparation and Receiving Areas Aggregate
Station	**LL3-138**	**LL3-139**	**LL3-139**	**LL3-140**	**LL3-142**	**LL3-142**	**LL3-143**	**LL3-144**
Sample ID	**LL30908**	**LL30911**	**LL31133**	**LL30914**	**LL30918**	**LL31120**	**LL30921**	**LL30924**
Customer ID	**LL3ss-138-0908-SO**	**LL3ss-139-0911-SO**	**LL3ss-139-1133-SO**	**LL3ss-140-0914-SO**	**LL3ss-142-0918-SO**	**LL3ss-142-1120-SO**	**LL3ss-143-0921-SO**	**LL3ss-144-0924-SO**
Date	**08/10/2001**	**08/11/2001**	**08/11/2001**	**08/11/2001**	**08/09/2001**	**08/09/2001**	**08/09/2001**	**08/09/2001**
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	17300 =	12000 =	11400 =	14400 J	3440 =	2840 =	3630 =	13400 =
Antimony	1 J *	1.2 UJ	1.2 UJ	1.2 UJ	17.9 J *	15.6 J *	8.4 J *	1.1 J *
Arsenic	6.5 =	15.7 = *	14.2 =	14.9 =	5.2 =	5.1 =	5.9 =	14.5 =
Barium	183 J *	86.3 =	77.1 =	69.2 =	123 = *	155 = *	91.3 = *	219 = *
Beryllium	2.6 = *	0.74 J	0.7 J	0.77 =	0.47 J	0.4 J	0.46 J	1.6 = *
Cadmium	2.8 = *	0.35 J *	0.15 U	0.14 J *	2.8 = *	2.3 = *	1.8 = *	6.8 = *
Calcium	68300 J *	1710 =	1330 =	768 =	152000 = *	141000 = *	133000 = *	73200 = *
Chromium	22.3 J *	18.7 = *	15.4 =	17.5 J *	18.1 = *	23.8 = *	9.8 =	28.3 = *
Chromium, hexavalent								
Cobalt	3.4 =	12.6 = *	11.1 = *	10 J	3 =	2.6 =	2.9 =	7.9 =
Copper	18 J *	23.3 = *	20.5 = *	23.8 J *	32.8 = *	28.2 = *	33.8 = *	169 = *
Cyanide					0.53 U	0.53 U		0.68 = *
Iron	11300 J	27900 = *	26000 = *	28600 = *	11000 =	11600 =	9010 =	21500 =
Lead	119 J *	29.3 J *	13.5 J	15.4 =	138 = *	172 = *	65.6 = *	634 = *
Magnesium	14300 J *	3260 = *	3210 = *	3300 = *	2720 =	2240 =	2430 =	5840 = *
Manganese	1390 J	281 =	239 =	230 =	513 =	500 =	645 =	1610 = *
Mercury	0.022 J	0.12 U	0.12 U	0.022 J	0.15 = *	0.19 = *	0.041 J *	0.076 J *
Nickel	11.2 =	27 = *	25.6 = *	23.8 = *	12.3 =	10.9 =	10.6 =	16.6 =
Potassium	1080 J *	1140 = *	1030 = *	1080 = *	423 J	428 J	430 J	1440 = *
Selenium	0.76 =	2.3 U	2.3 U	2.4 U	2.1 U	2.1 U	2.2 U	1 J
Silver	0.57 U	0.59 U	0.58 U	0.6 U	0.53 U	0.53 U	0.56 U	0.29 J *
Sodium	294 J *	586 U	579 U	598 U	87 J	59.8 J	57.4 J	240 J *
Thallium	0.64 J *	0.35 = *	0.35 = *	0.31 U	0.11 J *	0.21 J *	0.32 = *	0.26 J *
Vanadium	10.5 =	18.4 =	17.3 =	21.9 =	5.3 =	5 =	5.8 =	12.7 =
Zinc	111 = *	84.3 J *	61 J	63.8 = *	120 = *	110 = *	152 = *	464 = *

Table I-1. Surface Soil Inorganics (continued)

Location	Preparation and Receiving Areas Aggregate	Change Houses Aggregate	Change Houses Aggregate	Change Houses Aggregate	Change Houses Aggregate	Change Houses Aggregate	Change Houses Aggregate	Perimeter Area Aggregate
Station	**LL3-145**	**LL3-146**	**LL3-147**	**LL3-148**	**LL3-149**	**LL3-150**	**LL3-151**	**LL3-152**
Sample ID	**LL30927**	**LL30930**	**LL30933**	**LL30936**	**LL30939**	**LL30942**	**LL30945**	**LL30948**
Customer ID	**LL3ss-145-0927-SO**	**LL3ss-146-0930-SO**	**LL3ss-147-0933-SO**	**LL3ss-148-0936-SO**	**LL3ss-149-0939-SO**	**LL3ss-150-0942-SO**	**LL3ss-151-0945-SO**	**LL3ss-152-0948-SO**
Date	**08/09/2001**	**08/08/2001**	**08/08/2001**	**08/09/2001**	**08/09/2001**	**08/08/2001**	**08/08/2001**	**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	12100 =	10400 =	13000 =	13400 =	18900 = *	11800 =	10400 =	10500 =
Antimony	2.5 J *	1.2 UJ	1.1 UJ	1.2 UJ	1.1 UJ	0.81 UJ	1.1 UJ	1.1 UJ
Arsenic	10 =	14.6 =	5.6 =	13.9 =	5.3 =	5.4 =	10.3 =	9.4 =
Barium	219 = *	65.7 =	140 = *	57.4 J	205 J *	146 = *	83.5 =	79.8 =
Beryllium	1.1 = *	0.71 =	1.9 = *	0.57 =	2.9 = *	1.6 = *	0.52 J	0.53 =
Cadmium	3.6 = *	0.38 J *	0.41 J *	0.21 = *	1 = *	0.36 J *	0.43 J *	0.26 = *
Calcium	31400 = *	8840 =	89800 = *	1260 J	121000 J *	100000 = *	2580 =	2450 J
Chromium	51.2 = *	15.9 =	14.2 =	18.9 J *	12.4 J	14.9 =	13 =	15.6 J
Chromium, hexavalent								1.1 UJ
Cobalt	8.1 =	11.4 = *	2.2 =	10 =	4.7 =	2.9 =	8.1 =	8.3 =
Copper	334 = *	21.8 J *	7 J	17.2 J	14.1 J	6.4 J	15.2 J	35.5 = *
Cyanide								
Iron	27500 = *	25200 = *	6810 =	26600 J *	16000 J	9670 =	19700 =	21100 =
Lead	572 = *	26.7 J *	51.2 J *	18.4 J	177 J *	28.9 J *	45.4 J *	66.3 J *
Magnesium	4220 = *	3060 = *	9930 = *	2760 J	12200 J *	8240 = *	1830 =	2470 =
Manganese	1020 =	503 =	1510 = *	504 J	2040 J *	2440 = *	662 =	1220 =
Mercury	0.079 J *	0.012 J	0.018 J	0.035 J	0.065 J *	0.013 J	0.074 J *	0.05 J *
Nickel	20.9 =	23.3 = *	5.9 =	17.7 =	11.3 =	6.1 =	13.2 =	17.5 =
Potassium	947 = *	1060 = *	928 = *	944 J *	1510 J *	857 =	1030 = *	569 J
Selenium	0.96 U	2.3 U	0.5 J	0.37 J	0.74 J	0.38 J	0.61 J	2.3 U
Silver	0.57 U	0.58 U	0.56 U	0.59 U	8.7 = *	0.55 U	0.57 U	0.57 U
Sodium	122 J	577 U	481 J *	587 U	520 J *	235 J *	573 U	572 U
Thallium	0.38 J *	0.3 J *	0.21 J *	0.34 J *	0.19 J *	0.24 J *	0.33 J *	0.42 J *
Vanadium	14.7 =	15.9 =	7.2 =	24.9 =	10 =	11.6 =	19.2 =	21.4 =
Zinc	431 = *	77.5 = *	45.7 =	57.8 =	59.3 =	54.4 =	94.9 = *	105 J *

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	**LL3-153**	**LL3-153**	**LL3-154**	**LL3-157**	**LL3-158**	**LL3-159**	**LL3-160**	**LL3-161**
Sample ID	**LL30951**	**LL31134**	**LL30954**	**LL30963**	**LL30966**	**LL30969**	**LL30972**	**LL30975**
Customer ID	**LL3ss-153-0951-SO**	**LL3ss-153-1134-SO**	**LL3ss-154-0954-SO**	**LL3ss-157-0963-SO**	**LL3ss-158-0966-SO**	**LL3ss-159-0969-SO**	**LL3ss-160-0972-SO**	**LL3ss-161-0975-SO**
Date	**08/13/2001**	**08/13/2001**	**08/13/2001**	**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**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)								
Aluminum	5010 =	6000 =	9700 =	7590 =	15100 =	8310 =	35200 = *	8200 =
Antimony	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.2 UJ	1.2 UJ	1.1 UJ
Arsenic	9.9 =	11.7 =	12 =	16.8 = *	7.6 =	15.9 = *	1.8 U	11.8 =
Barium	103 = *	128 = *	58.7 =	58.4 =	168 = *	61.3 =	311 = *	74.3 =
Beryllium	0.4 =	0.44 =	0.68 =	0.66 =	2.6 = *	0.55 J	4.6 = *	0.44 =
Cadmium	1.3 = *	1.5 = *	0.55 U	0.62 = *	0.17 J *	0.14 J *	0.6 U	0.52 = *
Calcium	11500 J	14100 J	4350 J	7520 =	87300 J *	1230 =	197000 J *	4230 J
Chromium	45.7 J *	69.6 J *	14.3 J	15 =	15.9 J	12.8 =	19.2 J *	12.9 J
Chromium, hexavalent	1.1 J							
Cobalt	5.1 =	5.6 =	9.8 =	9.1 =	2.9 =	9.6 =	1.9 =	7.5 =
Copper	25.4 = *	27.8 = *	13 =	21.4 = *	7.1 =	20 = *	3.3 =	17.3 =
Cyanide								
Iron	23300 = *	37100 = *	23200 = *	31700 = *	9930 =	23600 = *	19800 =	19800 =
Lead	99.6 J *	66.8 J *	29.9 J *	26.7 = *	16.6 J	19.7 =	3.6 J	48 J *
Magnesium	2550 =	3570 = *	2520 =	2260 =	16400 = *	2640 =	27200 = *	2020 =
Manganese	1580 = *	2970 = *	796 =	897 =	1960 = *	408 =	3500 = *	524 =
Mercury	0.11 U	0.012 J	0.029 J	0.022 J	0.11 U	0.017 J	0.12 U	0.021 J
Nickel	13.5 =	13.3 =	19.5 =	20.1 =	6.8 =	27.5 = *	3 U	15.5 =
Potassium	399 J	531 J	813 =	951 = *	1010 = *	838 =	1220 = *	716 =
Selenium	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.3 U	2.4 U	2.2 U
Silver	0.56 U	0.56 U	0.55 U	0.55 U	0.54 U	0.58 U	0.6 U	0.55 U
Sodium	558 U	557 U	554 U	554 U	478 J *	576 U	604 U	551 U
Thallium	0.27 J *	0.28 J *	0.33 J *	0.39 UJ	0.2 J *	0.38 UJ	0.24 UJ	0.32 J *
Vanadium	21.9 =	43.9 = *	16.5 =	16.9 =	11 =	14.2 =	10.9 =	14.6 =
Zinc	158 J *	175 J *	55.6 J	68.3 = *	42.8 J	63.5 = *	4.8 U	106 J *

Table I-1. Surface Soil Inorganics (continued)

Location	Perimeter Area Aggregate	Perimeter Area Aggregate	West Ditches Aggregate	West Ditches Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate
Station	**LL3-167**	**LL3-168**	**LL3-169**	**LL3-170**	**LL3-171**	**LL3-172**	**LL3-173**	**LL3-173**
Sample ID	**LL30993**	**LL30994**	**LL30995**	**LL30996**	**LL30997**	**LL30998**	**LL30999**	**LL31132**
Customer ID	**LL3ss-167-0993-SO**	**LL3ss-168-0994-SO**	**LL3ss-169-0995-SO**	**LL3ss-170-0996-SO**	**LL3ss-171-0997-SO**	**LL3ss-172-0998-SO**	**LL3ss-173-0999-SO**	**LL3ss-173-1132-SO**
Date	**08/11/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**
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	9440 =	13100 J	11100 =	10500 J	10300 =	7350 =	16900 =	15000 =
Antimony	1.2 UJ	1.1 UJ	1.2 UJ	1.2 UJ	5.4 J *	1.1 UJ	1.3 UJ	1.3 UJ
Arsenic	9.2 =	13.2 =	12 =	9.6 =	12.9 =	6.3 =	13.8 =	13.2 =
Barium	58.4 =	84.8 =	75.3 =	104 = *	71.9 =	55.8 =	105 = *	93.3 = *
Beryllium	0.43 J	0.72 =	0.66 =	0.83 =	0.61 =	0.44 J	0.95 = *	0.91 = *
Cadmium	0.58 U	0.34 J *	0.26 J *	0.45 J *	0.16 J *	0.14 J *	0.11 J *	0.63 U
Calcium	586 J	1080 =	832 =	2960 =	1950 =	197 J	596 J	542 J
Chromium	11.4 J	15.9 J	13 =	11.6 J	82.5 = *	7.8 =	18.3 J *	16.6 J
Chromium, hexavalent								
Cobalt	7.8 =	11.4 J *	9 =	11.4 J *	9.3 =	8.3 =	14.7 = *	15.3 = *
Copper	6.2 =	17.5 J	9.9 =	14.9 J	26.3 = *	6.1 =	13.9 =	12.1 =
Cyanide								
Iron	18400 =	24100 = *	19800 =	17600 =	23700 = *	11900 =	26400 = *	26800 = *
Lead	19.8 J	19.9 =	20.3 =	21.8 =	362 = *	17.7 =	26 J	25.2 J
Magnesium	1370 =	2690 =	1790 =	1720 =	3030 =	940 =	1940 =	1680 =
Manganese	514 =	841 =	898 =	1360 =	286 =	657 =	1910 = *	1900 = *
Mercury	0.056 J *	0.056 J *	0.068 J *	0.065 J *	0.012 J	0.046 J *	0.069 J *	0.066 J *
Nickel	9.6 =	22.8 = *	15.4 =	14.1 =	24.4 = *	8.8 =	18.8 =	16.8 =
Potassium	449 J	1060 = *	619 =	688 =	1040 = *	285 J	746 =	608 J
Selenium	0.65 J	2.3 U	0.47 U	2.4 U	2.4 U	2.2 U	2.5 U	2.5 U
Silver	0.58 U	0.57 U	0.58 U	0.59 U	0.59 U	0.54 U	0.63 U	0.63 U
Sodium	577 U	569 U	581 U	592 U	588 U	540 U	630 U	631 U
Thallium	0.38 J *	0.26 U	0.42 UJ	0.45 UJ	0.42 UJ	0.39 UJ	0.38 J *	0.35 J *
Vanadium	21.7 =	22.1 =	21.7 =	20.7 =	17.1 =	14.6 =	28.5 =	26.3 =
Zinc	45.2 J	75.1 = *	60.6 =	74.9 = *	67.4 = *	35.9 =	70.5 J *	61.8 J

Table I-1. Surface Soil Inorganics (continued)

Location	Perimeter Area Aggregate	Explosives Handling Areas Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate
Station	LL3-174	LL3-175	LL3-176	LL3-177	LL3-178	LL3-179	LL3-180	LL3-181
Sample ID	LL31000	LL31001	LL31002	LL31003	LL31004	LL31005	LL31006	LL31007
Customer ID	LL3ss-174-1000-SO	LL3ss-175-1001-SO	LL3ss-176-1002-SO	LL3ss-177-1003-SO	LL3ss-178-1004-SO	LL3ss-179-1005-SO	LL3ss-180-1006-SO	LL3ss-181-1007-SO
Date	08/11/2001	08/09/2001	08/10/2001	08/10/2001	08/10/2001	08/10/2001	08/10/2001	08/10/2001
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	10600 J	13200 =	11100 =	8880 J	13300 =	12000 =	12300 =	10200 =
Antimony	1.2 UJ	1.2 UJ	1.1 UJ	1.1 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.3 J *
Arsenic	9.8 =	11.8 =	11.2 =	9.6 =	12 =	9.2 =	7.3 =	10.9 =
Barium	81 =	65.6 J	63 =	70.5 =	63 J	69.5 =	53.3 =	56.3 J
Beryllium	0.6 =	0.48 =	0.48 J	0.52 J	0.48 =	0.49 =	0.38 U	0.5 =
Cadmium	0.21 J *	0.19 = *	0.07 J *	0.29 J *	0.16 = *	0.59 U	0.58 U	0.58 U
Calcium	311 J	734 J	1150 J	1240 =	258 J	179 J	694 J	902 J
Chromium	12.2 J	16.2 J	14.2 J	10.7 J	24.6 J *	13.5 J	12.4 J	13.3 J
Chromium, hexavalent								
Cobalt	7.4 J	7 =	6.4 =	8.6 J	7.8 =	6.8 =	4 =	8.7 =
Copper	7.6 J	10.9 J	9.4 =	8.6 J	14.6 J	8.5 =	8 =	9.9 J
Cyanide				0.56 U				
Iron	19500 =	23400 J *	21900 =	18500 =	24400 J *	18900 =	16700 =	20200 J
Lead	23.3 =	18.5 J	17.9 J	20.1 =	16.5 J	16.7 J	19.1 J	20.4 J
Magnesium	1260 =	1890 J	1740 =	1410 =	2760 J	1410 =	1590 =	1720 J
Manganese	952 =	463 J	789 =	1020 =	301 J	549 =	127 =	586 J
Mercury	0.075 J *	0.052 J *	0.052 J *	0.026 J	0.033 J	0.04 J *	0.063 J *	0.064 J *
Nickel	10.3 =	10.9 =	10.8 =	9.9 =	17.3 =	9.9 =	8.5 =	12.3 =
Potassium	472 J	536 J	525 J	403 J	733 J	468 J	470 J	483 J
Selenium	2.3 U	0.49 J	2.3 U	2.2 U	0.4 J	0.45 J	2.3 U	2.3 U
Silver	0.58 U	0.59 U	0.57 U	0.56 U	0.59 U	0.59 U	0.58 U	0.58 U
Sodium	579 U	155 J *	574 U	557 U	589 U	589 U	580 U	579 U
Thallium	0.28 UJ	0.37 J *	0.33 J *	0.43 UJ	0.26 J *	0.27 J *	0.29 J *	0.24 J *
Vanadium	25.5 =	26.4 =	23.5 =	20.4 =	24.5 =	24.1 =	22.7 =	21.8 =
Zinc	51.2 =	51.9 =	43.9 J	45 =	48.1 =	45.9 J	49.8 J	48 =

Table I-1. Surface Soil Inorganics (continued)

Location	DLA Tanks Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate
Station	**LL3-182**	**LL3-183**	**LL3-184**	**LL3-185**	**LL3-186**	**LL3-187**	**LL3-188**	**LL3-189**
Sample ID	**LL31008**	**LL31009**	**LL31010**	**LL31011**	**LL31012**	**LL31013**	**LL31014**	**LL31015**
Customer ID	**LL3ss-182-1008-SO**	**LL3ss-183-1009-SO**	**LL3ss-184-1010-SO**	**LL3ss-185-1011-SO**	**LL3ss-186-1012-SO**	**LL3ss-187-1013-SO**	**LL3ss-188-1014-SO**	**LL3ss-189-1015-SO**
Date	**08/10/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**
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	11900 =	10800 =	15100 J	10300 J	9760 J	13300 J	12100 J	13200 J
Antimony	1.6 J *	1.1 UJ	1.1 UJ	825 J *	17.3 J *	1.6 J *	55.2 J *	63.4 J *
Arsenic	10.7 =	9.5 =	13.4 =	10.2 =	13 =	9.2 =	12.5 =	9.1 =
Barium	147 J *	65.9 =	53.2 =	71.5 =	73.4 =	135 = *	99 = *	126 = *
Beryllium	0.95 = *	0.53 J	0.6 =	0.59 =	0.7 =	1 = *	0.84 =	1.1 = *
Cadmium	0.099 J *	0.14 J *	0.17 J *	0.27 J *	0.29 J *	0.18 J *	0.33 J *	0.82 = *
Calcium	15400 J	513 J	3220 =	5480 =	2610 =	21700 = *	5110 =	17200 = *
Chromium	13.1 J	12.1 =	16.7 J	16.6 J	12.9 J	13.6 J	14.6 J	117 J *
Chromium, hexavalent								
Cobalt	6.7 =	7.5 =	6.4 J	7.2 J	7.4 J	5.8 J	9.8 J	8.3 J
Copper	9.3 J	6.4 =	17.6 J	10.8 J	7.7 J	7 J	9.4 J	10.3 J
Cyanide			0.56 U	0.58 U				
Iron	18800 J	20300 =	25500 = *	16200 =	27800 = *	18700 =	21200 =	16900 =
Lead	25.2 J	22.2 =	15 =	30.3 = *	22 =	12.3 =	21.2 =	942 = *
Magnesium	3520 J *	1430 =	3170 = *	2340 =	1480 =	4610 = *	2010 =	3400 = *
Manganese	1500 J *	678 =	259 =	683 =	1870 = *	1610 = *	1350 =	1630 = *
Mercury	0.036 J	0.056 J *	0.055 J *	0.04 J *	0.044 J *	0.044 J *	0.12 U	0.088 J *
Nickel	11.3 =	10.3 =	15.3 =	11.2 =	11 =	9.3 =	14 =	9.3 =
Potassium	576 J	396 J	896 =	461 J	586 J	877 =	662 =	822 =
Selenium	2.3 U	2.2 U	2.2 U	0.53 U	2.4 U	2.3 U	0.6 U	0.58 U
Silver	0.57 U	0.56 U	0.56 U	0.58 U	0.61 U	0.57 U	0.61 U	0.6 U
Sodium	572 U	560 U	559 U	585 U	606 U	75.4 J	607 U	107 J
Thallium	0.3 J *	0.41 UJ	0.39 UJ	0.23 U	0.45 UJ	0.18 U	0.46 UJ	0.43 UJ
Vanadium	28.6 =	22.1 =	24.7 =	18.5 =	23.5 =	20.2 =	23.1 =	19.5 =
Zinc	50.5 =	45.2 =	51 =	57 =	49.9 =	38.6 =	86.3 = *	232 = *

Table I-1. Surface Soil Inorganics (continued)

Location	DLA Tanks Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate
Station	**LL3-189**	**LL3-190**	**LL3-191**	**LL3-192**	**LL3-193**	**LL3-194**	**LL3-195**	**LL3-196**
Sample ID	**LL31136**	**LL31016**	**LL31017**	**LL31018**	**LL31019**	**LL31020**	**LL31021**	**LL31022**
Customer ID	**LL3ss-189-1136-SO**	**LL3ss-190-1016-SO**	**LL3ss-191-1017-SO**	**LL3ss-192-1018-SO**	**LL3ss-193-1019-SO**	**LL3ss-194-1020-SO**	**LL3ss-195-1021-SO**	**LL3ss-196-1022-SO**
Date	**08/10/2001**	**08/11/2001**	**08/11/2001**	**08/11/2001**	**08/11/2001**	**08/11/2001**	**08/11/2001**	**08/11/2001**
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)								
Aluminum	11200 J	11900 =	9420 =	9840 =	15900 =	13000 =	15500 =	15100 =
Antimony	65.7 J *	14.6 J *	21.2 J *	35.7 J *	1.8 J *	1.2 J *	0.92 J	1.1 UJ
Arsenic	11.6 =	14.1 =	12.9 =	15.5 = *	8.8 =	14.1 =	9.6 =	7.4 =
Barium	117 = *	63.1 =	70.1 =	93.8 = *	141 = *	73.1 =	190 = *	183 = *
Beryllium	0.81 =	0.64 J	0.64 J	0.89 J *	1.3 J *	0.63 J	1.7 J *	1.5 J *
Cadmium	0.91 = *	0.15 U	0.27 J *	0.41 J *	0.29 J *	0.13 U	3.2 = *	0.19 U
Calcium	7160 =	1440 =	1030 =	2220 =	33300 = *	5540 =	56900 = *	42400 = *
Chromium	115 J *	15.5 =	12.3 =	16.7 =	13.7 =	17 =	21.1 = *	11.1 =
Chromium, hexavalent								
Cobalt	10.1 J	11.3 = *	8.6 =	12.1 = *	7.5 =	5.1 =	10.9 = *	6.4 =
Copper	11.5 J	20 = *	11 =	18.2 = *	10 =	17.4 =	30.5 = *	7.2 =
Cyanide								
Iron	22200 =	24700 = *	22200 =	25000 = *	17500 =	28100 = *	20100 =	13800 =
Lead	884 = *	16.6 J	25.2 J	38 J *	22.4 J	19.5 J	1480 J *	12.9 J
Magnesium	2120 =	2570 =	1320 =	2080 =	7070 = *	2600 =	9070 = *	7530 = *
Manganese	1240 =	215 =	858 =	584 =	1980 = *	393 =	1250 =	2510 = *
Mercury	0.086 J *	0.11 U	0.042 J *	0.035 J	0.031 J	0.028 J	0.024 J	0.11 U
Nickel	10.9 =	22 = *	13.5 =	25.4 = *	11 =	15 =	15.7 =	8.3 =
Potassium	567 J	824 =	466 J	697 =	767 =	686 =	841 =	825 =
Selenium	0.45 U	2.3 U	2.3 U	2.3 U	0.45 J	2.2 U	0.38 J	0.66 J
Silver	0.6 U	0.57 U	0.57 U	0.58 U	0.6 U	0.56 U	0.57 U	0.57 U
Sodium	600 U	573 U	569 U	585 U	129 J *	561 U	255 J *	148 J *
Thallium	0.44 UJ	0.34 U	0.36 = *	0.37 = *	0.34 U	0.35 = *	0.22 U	0.25 U
Vanadium	22.4 =	18 =	21.5 =	19.3 =	19.6 =	22.2 =	10.5 =	17.6 =
Zinc	248 = *	55.5 J	51.8 J	126 J *	52 J	43.7 J	133 J *	35.6 J

Table I-1. Surface Soil Inorganics (continued)

Location	DLA Tanks Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL3-197**	**LL3-198**	**LL3-199**	**LL3-226**	**LL3-227**	**LL3-229**	**LL3-230**	**LL3-231**
Sample ID	**LL31023**	**LL31024**	**LL31025**	**LL31092**	**LL31093**	**LL31096**	**LL31098**	**LL31099**
Customer ID	**LL3ss-197-1023-SO**	**LL3ss-198-1024-SO**	**LL3ss-199-1025-SO**	**LL3ss-226-1092-SO**	**LL3ss-227-1093-SO**	**LL3ss-229-1096-SO**	**LL3ss-230-1098-SO**	**LL3ss-231-1099-SO**
Date	**08/11/2001**	**08/11/2001**	**08/11/2001**	**08/24/2001**	**08/24/2001**	**08/24/2001**	**08/24/2001**	**08/24/2001**
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	12800 =	8680 =	11300 =	10900 =	11400 =	10300 =	8350 =	9580 =
Antimony	1.2 UJ	1.1 UJ	1.2 UJ	1.2 UJ	1.3 UJ	1.1 UJ	1 UJ	1.1 UJ
Arsenic	12 =	11.1 =	12.1 =	12.6 =	30.2 = *	10.6 =	12.8 =	15.3 =
Barium	73.8 =	49.4 =	115 = *	59.5 =	80 =	85.3 =	70.2 =	98.4 = *
Beryllium	0.56 J	0.57 J	0.73 J	0.59 J	1.2 = *	0.51 J	0.61 =	0.61 =
Cadmium	0.13 U	0.16 U	0.15 U	0.23 J *	0.4 J *	0.22 J *	1.8 = *	1 = *
Calcium	2500 =	1420 =	2150 =	1520 =	1120 =	2010 =	13100 =	2810 =
Chromium	16.3 =	12.5 =	12.2 =	13.6 =	21.3 = *	11.8 =	11.4 =	14.2 =
Chromium, hexavalent								
Cobalt	6.3 =	8.2 =	7.3 =	7.5 =	16.3 = *	9 =	7.2 =	15.5 = *
Copper	15 =	16.4 =	7.3 =	18.4 = *	30.8 = *	8.7 =	20.7 = *	18.1 = *
Cyanide								
Iron	23000 =	24500 = *	27800 = *	22600 =	31700 = *	21200 =	18200 =	23500 = *
Lead	24.2 J	16.4 J	38.8 J *	19.3 J	25.7 J	18.5 J	35.9 J *	36 J *
Magnesium	1990 =	1780 =	1290 =	1990 =	2520 =	1270 =	2700 =	1950 =
Manganese	313 =	286 =	1180 =	327 =	684 =	1230 =	475 =	1380 =
Mercury	0.019 J	0.014 J	0.054 J *	0.037 J *	0.028 J	0.059 J *	0.038 J *	0.032 J
Nickel	15.9 =	16.5 =	9.9 =	14.5 =	42.9 = *	9.9 =	16.9 =	18.7 =
Potassium	683 =	493 J	478 J	700 =	798 =	462 J	833 =	838 =
Selenium	2.3 U	2.3 U	2.4 U	0.64 J	1.1 J	0.97 J	0.4 J	0.92 J
Silver	0.58 U	0.57 U	0.59 U	0.71 = *	0.98 = *	0.57 U	0.52 U	0.54 U
Sodium	578 U	574 U	591 U	614 U	638 U	565 U	53.4 J	544 U
Thallium	0.38 = *	0.33 U	0.35 U	0.68 J *	0.74 J *	0.57 J *	0.57 J *	0.58 J *
Vanadium	24.2 =	16.5 =	25.4 =	19.5 =	21.5 =	23.6 =	12.4 =	19.1 =
Zinc	56 J	43.7 J	43 J	83.8 = *	102 = *	49.1 =	90.3 = *	94.7 = *

Table I-1. Surface Soil Inorganics (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL3-244**	**LL3-245**
Sample ID	**LL30686**	**LL30689**
Customer ID	**LL3ss-244-0686-SO**	**LL3ss-245-0689-SO**
Date	**08/25/2001**	**08/25/2001**
Depth (ft)	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**
Analyte (mg/kg)		
Aluminum	11100 =	11500 =
Antimony	1.1 UJ	1.1 UJ
Arsenic	11.5 =	15.5 = *
Barium	78 =	106 = *
Beryllium	0.66 =	0.79 =
Cadmium	0.66 = *	0.7 = *
Calcium	4460 =	1940 =
Chromium	12.4 =	13.9 =
Chromium, hexavalent		
Cobalt	10.1 =	18.6 = *
Copper	15.7 =	12.8 =
Cyanide		
Iron	19400 =	25000 = *
Lead	26.9 J *	33.4 J *
Magnesium	2010 =	1700 =
Manganese	980 =	2140 = *
Mercury	0.038 J *	0.041 J *
Nickel	15.2 =	19.6 =
Potassium	706 =	723 =
Selenium	0.75 J	0.73 J
Silver	0.57 U	0.55 U
Sodium	567 U	545 U
Thallium	0.53 J *	0.49 J *
Vanadium	19.3 =	24 =
Zinc	86.5 = *	85.2 = *

* - exceeds site-wide background criteria.

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

Table I-2. Surface Soil Explosives and Propellants

Location	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	**LL3-055**	**LL3-056**	**LL3-057**	**LL3-057**	**LL3-058**	**LL3-059**	**LL3-060**
Sample ID	**LL30687**	**LL30690**	**LL30693**	**LL31121**	**LL30696**	**LL30699**	**LL30702**
Customer ID	**LL3ss-055-0687-SO**	**LL3ss-056-0690-SO**	**LL3ss-057-0693-SO**	**LL3ss-057-1121-SO**	**LL3ss-058-0696-SO**	**LL3ss-059-0699-SO**	**LL3ss-060-0702-SO**
Date	**08/10/2001**	**08/10/2001**	**07/31/2001**	**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**
Field Type	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)							
1,3,5-Trinitrobenzene	0.1 J	0.25 U	0.57 =	0.7 =	0.59 =	0.25 U	0.25 U
1,3-Dinitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.5 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	2.4 =	0.83 =	52 =	40 =	120 =	0.15 J	7.5 =
2,4-Dinitrotoluene	0.25 U	0.25 U	0.46 =	0.69 =	0.64 =	0.27 =	0.47 =
2,6-Dinitrotoluene	0.33 U	0.25 U	0.49 U	0.39 U	0.65 U	0.25 U	0.17 J
2-Amino-4,6-dinitrotoluene	2.1 =	0.26 =	2.8 =	2.2 =	4.3 =	0.25 U	0.22 J
2-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.26 U	0.5 U	0.25 U	0.25 U
3-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.5 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	3.4 =	0.52 =	8.1 U	5.5 U	14 U	0.25 U	0.25 U
4-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.39 U	0.5 U	0.25 U	0.22 J
HMX	3.3 =	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
Nitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.5 U	0.25 U	0.25 U
Nitrocellulose	60.7 J						
Nitroglycerin	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U
Nitroguanidine	5.1 =						
RDX	22 =	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
Tetryl	0.65 U	0.65 U	0.65 U	0.65 U	1.3 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	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate
Station	LL3-063	LL3-065	LL3-066	LL3-067	LL3-071	LL3-072	LL3-073
Sample ID	LL30707	LL30713	LL30716	LL30719	LL30727	LL30730	LL30733
Customer ID	LL3ss-063-0707-SO	LL3ss-065-0713-SO	LL3ss-066-0716-SO	LL3ss-067-0719-SO	LL3ss-071-0727-SO	LL3ss-072-0730-SO	LL3ss-073-0733-SO
Date	07/31/2001	08/07/2001	08/08/2001	07/31/2001	08/08/2001	08/09/2001	08/09/2001
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	25 U	0.25 U	0.25 U	0.25 U			
1,3-Dinitrobenzene	25 U	0.25 U	0.25 U	0.25 U			
2,4,6-Trinitrotoluene	650 =	0.76 =	0.69 =	4.5 =			
2,4-Dinitrotoluene	12 J	0.25 U	0.25 U	0.51 =			
2,6-Dinitrotoluene	25 U	0.25 U	0.25 U	0.23 J			
2-Amino-4,6-dinitrotoluene	25 U	0.36 =	0.22 J	0.34 =			
2-Nitrotoluene	25 U	0.25 U	0.25 U	0.25 U			
3-Nitrotoluene	25 U	0.25 U	0.25 U	0.25 U			
4-Amino-2,6-dinitrotoluene	250 U	0.56 =	0.39 =	1.4 U			
4-Nitrotoluene	25 U	0.25 U	0.25 U	0.25 U			
HMX	50 U	0.5 U	0.5 U	0.5 U			
Nitrobenzene	25 U	0.25 U	0.25 U	0.25 U			
Nitrocellulose	52.9 =				2.3 U	2 UJ	2 UJ
Nitroglycerin	250 U	2.5 U	2.5 U	2.5 U			
Nitroguanidine	0.042 J				0.091 J	0.14 J	0.045 J
RDX	50 U	0.5 U	0.5 U	0.5 U			
Tetryl	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	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	Preparation and Receiving Areas Aggregate
Station	LL3-074	LL3-074	LL3-075	LL3-076	LL3-077	LL3-080	LL3-082
Sample ID	LL30736	LL31124	LL30739	LL30742	LL30745	LL30754	LL30760
Customer ID	LL3ss-074-0736-SO	LL3ss-074-1124-SO	LL3ss-075-0739-SO	LL3ss-076-0742-SO	LL3ss-077-0745-SO	LL3ss-080-0754-SO	LL3ss-082-0760-SO
Date	08/09/2001	08/09/2001	08/09/2001	08/09/2001	08/10/2001	08/10/2001	08/10/2001
Depth (ft)	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
Field Type	Grab	Field Duplicate	Grab	Grab	Grab	Grab	Grab
Analyte (mg/kg)							
1,3,5-Trinitrobenzene	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	2.5 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	0.25 U	0.25 U		0.068 J	820 =	0.25 U	0.25 U
2,4-Dinitrotoluene	0.25 U	0.25 U		0.25 U	1.4 J	0.25 U	0.25 U
2,6-Dinitrotoluene	0.25 U	0.25 U		0.25 U	3 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	0.25 U	0.25 U		0.25 U	11 U	0.25 U	0.25 U
2-Nitrotoluene	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	2.5 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	0.25 U	0.25 U		0.25 U	200 U	0.25 U	0.25 U
4-Nitrotoluene	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	5 U	0.5 U	0.5 U
Nitrobenzene	0.25 U	0.25 U		0.25 U	2.5 U	0.25 U	0.25 U
Nitrocellulose	2 UJ		2 UJ	2 UJ			
Nitroglycerin	2.5 U	2.5 U		2.5 U	25 U	2.5 U	2.5 U
Nitroguanidine	0.25 U		0.25 U	0.25 UJ			
RDX	0.5 U	0.5 U		0.5 U	5 U	0.5 U	0.5 U
Tetryl	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	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	LL3-082	LL3-085	LL3-090	LL3-092	LL3-097	LL3-097	LL3-099
Sample ID	LL31126	LL30769	LL30784	LL30790	LL30799	LL31119	LL30805
Customer ID	LL3ss-082-1126-SO	LL3ss-085-0769-SO	LL3ss-090-0784-SO	LL3ss-092-0790-SO	LL3ss-097-0799-SO	LL3ss-097-1119-SO	LL3ss-099-0805-SO
Date	08/10/2001	08/06/2001	08/01/2001	08/07/2001	08/07/2001	08/07/2001	08/07/2001
Depth (ft)	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
Field Type	Field Duplicate	Grab	Grab	Grab	Grab	Field Duplicate	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	1.1 J
1,3-Dinitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.75 U
2,4,6-Trinitrotoluene	0.25 U	2.9 =	0.07 J	0.25 U	0.25 U	0.25 U	220 =
2,4-Dinitrotoluene	0.25 U	0.25 U	0.3 =	0.25 U	0.25 U	0.25 U	0.65 J
2,6-Dinitrotoluene	0.25 U	0.25 U	0.13 J	0.25 U	0.25 U	0.25 UJ	2 U
2-Amino-4,6-dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 UJ	7.7 J
2-Nitrotoluene	0.25 U	0.9 U	0.25 U	0.25 U	0.25 U	0.25 U	0.75 U
3-Nitrotoluene	0.25 U	0.77 U	0.25 U	0.25 U	0.25 U	0.25 U	0.81 U
4-Amino-2,6-dinitrotoluene	0.25 U	0.95 U	0.25 U	0.25 U	0.25 U	0.25 U	72 U
4-Nitrotoluene	0.25 U	1.1 U	0.25 U	0.25 U	0.25 U	0.25 U	0.75 U
HMX	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.5 U
Nitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.75 U
Nitrocellulose					2 U	2 U	2 UJ
Nitroglycerin	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	7.5 U
Nitroguanidine					0.063 J	0.25 UJ	0.25 U
RDX	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.5 U
Tetryl	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	2 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	**LL3-101**	**LL3-102**	**LL3-103**	**LL3-104**	**LL3-105**	**LL3-106**	**LL3-111**
Sample ID	**LL30811**	**LL30814**	**LL30817**	**LL30820**	**LL30823**	**LL30826**	**LL30833**
Customer ID	**LL3ss-101-0811-SO**	**LL3ss-102-0814-SO**	**LL3ss-103-0817-SO**	**LL3ss-104-0820-SO**	**LL3ss-105-0823-SO**	**LL3ss-106-0826-SO**	**LL3ss-111-0833-SO**
Date	**08/11/2001**	**08/07/2001**	**08/07/2001**	**08/08/2001**	**08/08/2001**	**08/08/2001**	**08/08/2001**
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	0.8 =	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.18 J
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	13 =	0.25 U	0.56 =	0.25 U	8.4 =	0.24 J	2.1 =
2,4-Dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.083 J
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	1.5 =	0.3 =	0.19 J	0.25 U	0.27 =	0.25 U	1 =
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	4.3 U	0.32 =	0.36 =	0.25 U	4.3 U	0.14 J	1.3 =
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	7.3 J						9.6 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						0.25 U
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	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	**LL3-117**	**LL3-118**	**LL3-119**	**LL3-126**	**LL3-127**	**LL3-127**	**LL3-132**
Sample ID	**LL30851**	**LL30854**	**LL30857**	**LL30872**	**LL30875**	**LL31123**	**LL30890**
Customer ID	**LL3ss-117-0851-SO**	**LL3ss-118-0854-SO**	**LL3ss-119-0857-SO**	**LL3ss-126-0872-SO**	**LL3ss-127-0875-SO**	**LL3ss-127-1123-SO**	**LL3ss-132-0890-SO**
Date	**08/06/2001**	**08/07/2001**	**08/07/2001**	**08/07/2001**	**08/07/2001**	**08/07/2001**	**08/10/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**
Analyte (mg/kg)							
1,3,5-Trinitrobenzene	0.25 U	0.11 J	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	6.5 =	0.3 =	13 =	0.25 U	0.25 U	0.25 U	0.25 U
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	1 =	0.26 =	0.96 =	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	2.3 =	0.25 =	7.2 U	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	0.25 U	0.25 U
HMX	2.4 =	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			2 UJ				
Nitroglycerin	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Nitroguanidine			0.13 J				
RDX	34 =	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	Explosives Handling 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	**LL3-135**	**LL3-136**	**LL3-137**	**LL3-138**	**LL3-142**	**LL3-142**	**LL3-144**
Sample ID	**LL30899**	**LL30902**	**LL30905**	**LL30908**	**LL30918**	**LL31120**	**LL30924**
Customer ID	**LL3ss-135-0899-SO**	**LL3ss-136-0902-SO**	**LL3ss-137-0905-SO**	**LL3ss-138-0908-SO**	**LL3ss-142-0918-SO**	**LL3ss-142-1120-SO**	**LL3ss-144-0924-SO**
Date	**08/10/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**	**08/09/2001**	**08/09/2001**	**08/09/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**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	0.91 =	0.18 J	0.25 U	0.25 U	1.2 =	0.72 =	0.25 U
2,4-Dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.053 J	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	0.21 J	0.23 J	0.25 U	0.25 U	0.28 =	0.2 J	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	0.43 =	0.27 =	0.25 U	0.25 U	0.65 =	0.46 =	0.25 U
4-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.97 U
HMX	0.5 U	1.9 =	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 J		27.9 J	18.6 J	
Nitroglycerin	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Nitroguanidine			0.084 J		0.25 U	0.25 U	
RDX	0.5 U	31 =	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	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Perimeter Area Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate
Station	**LL3-153**	**LL3-157**	**LL3-158**	**LL3-159**	**LL3-171**	**LL3-188**	**LL3-193**
Sample ID	**LL30951**	**LL30963**	**LL30966**	**LL30969**	**LL30997**	**LL31014**	**LL31019**
Customer ID	**LL3ss-153-0951-SO**	**LL3ss-157-0963-SO**	**LL3ss-158-0966-SO**	**LL3ss-159-0969-SO**	**LL3ss-171-0997-SO**	**LL3ss-188-1014-SO**	**LL3ss-193-1019-SO**
Date	**08/13/2001**	**08/13/2001**	**08/13/2001**	**08/13/2001**	**08/10/2001**	**08/10/2001**	**08/11/2001**
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	0.19 J	13 =	0.25 U		0.25 U	0.25 U	0.25 U
1,3-Dinitrobenzene	0.25 U	12 U	0.25 U		0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	21 =	4200 =	0.25 U		0.25 U	0.25 U	0.25 U
2,4-Dinitrotoluene	0.22 J	4.6 J	0.25 U		0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	0.39 U	12 U	0.25 U		0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	2.9 =	27 U	0.25 U		0.25 U	0.25 U	0.25 U
2-Nitrotoluene	0.25 U	12 U	0.25 U		0.25 U	0.25 U	0.25 U
3-Nitrotoluene	0.25 U	12 U	0.25 U		0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	8.4 U	850 U	0.25 U		0.25 U	0.25 U	0.25 U
4-Nitrotoluene	0.25 U	12 U	0.25 U		0.25 U	0.25 U	0.25 U
HMX	0.5 U	25 U	0.5 U		0.5 U	0.5 U	0.5 U
Nitrobenzene	0.25 U	12 U	0.25 U		0.25 U	0.25 U	0.25 U
Nitrocellulose	2.3 J			2 UJ			
Nitroglycerin	2.5 U	120 U	2.5 U		2.5 U	2.5 U	2.5 U
Nitroguanidine	0.25 U			0.045 J			
RDX	0.5 U	25 U	0.5 U		0.5 U	0.5 U	0.5 U
Tetryl	0.65 U	32 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
Station	**LL3-226**	**LL3-227**	**LL3-230**	**LL3-231**
Sample ID	**LL31092**	**LL31093**	**LL31098**	**LL31099**
Customer ID	**LL3ss-226-1092-SO**	**LL3ss-227-1093-SO**	**LL3ss-230-1098-SO**	**LL3ss-231-1099-SO**
Date	**08/24/2001**	**08/24/2001**	**08/24/2001**	**08/24/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)				
1,3,5-Trinitrobenzene	0.25 U	0.28 =	5 J	10 J
1,3-Dinitrobenzene	0.25 U	0.25 U	4.7 J	12 U
2,4,6-Trinitrotoluene	0.14 J	37 =	2400 =	3600 =
2,4-Dinitrotoluene	0.25 U	0.29 U	5.6 J	12 U
2,6-Dinitrotoluene	0.25 U	0.56 U	12 U	12 U
2-Amino-4,6-dinitrotoluene	0.25 U	2.6 =	12 U	12 U
2-Nitrotoluene	0.25 U	0.25 U	12 U	12 U
3-Nitrotoluene	0.25 U	0.25 U	12 U	12 U
4-Amino-2,6-dinitrotoluene	0.17 J	8.4 U	120 U	120 U
4-Nitrotoluene	0.25 U	0.25 U	12 U	12 U
HMX	0.5 U	0.5 U	25 U	25 U
Nitrobenzene	0.25 U	0.25 U	12 U	12 U
Nitrocellulose				
Nitroglycerin	2.5 U	2.5 U	120 U	120 U
Nitroguanidine				
RDX	0.5 U	0.5 U	25 U	25 U
Tetryl	0.65 U	0.65 U	32 U	32 U

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

Table I-3. Surface Soil Pesticides and PCBs

Location	Perimeter Area Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL3-054**	**LL3-055**	**LL3-056**	**LL3-057**	**LL3-057**
Sample ID	**LL30684**	**LL30687**	**LL30690**	**LL30693**	**LL31121**
Customer ID	**LL3ss-054-0684-SO**	**LL3ss-055-0687-SO**	**LL3ss-056-0690-SO**	**LL3ss-057-0693-SO**	**LL3ss-057-1121-SO**
Date	**08/10/2001**	**08/10/2001**	**08/10/2001**	**07/31/2001**	**07/31/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**
Analyte (mg/kg)					
4,4'-DDD		0.18 U		0.19 U	0.093 U
4,4'-DDE		3.2 =		0.19 U	0.093 U
4,4'-DDT		0.18 U		0.19 U	0.093 U
Aldrin		0.18 U		0.19 U	0.093 U
Dieldrin		0.18 U		0.19 U	0.093 U
Endosulfan I		0.18 U		0.19 U	0.093 U
Endosulfan II		0.18 U		0.19 U	0.093 U
Endosulfan sulfate		0.18 U		0.19 U	0.093 U
Endrin		0.18 U		0.19 U	0.093 U
Endrin aldehyde		1.7 J		0.19 U	0.093 U
Endrin ketone		0.18 U		0.19 UJ	0.093 UJ
Heptachlor		0.18 =		0.19 U	0.093 U
Heptachlor epoxide		0.18 U		0.19 U	0.093 U
Lindane		0.18 U		0.19 U	0.093 U
Methoxychlor		0.43 =		0.36 U	0.18 U
PCB-1016	1.8 UJ	35 U	0.36 UJ	0.036 U	0.036 U
PCB-1221	1.8 U	35 U	0.36 U	0.036 U	0.036 U
PCB-1232	1.8 U	35 U	0.36 U	0.036 U	0.036 U
PCB-1242	1.8 U	35 U	0.36 U	0.036 U	0.036 U
PCB-1248	1.8 U	35 U	0.36 U	0.036 U	0.036 U
PCB-1254	17 =	110 =	1.5 =	0.51 =	0.095 =
PCB-1260	1.8 UJ	35 U	0.36 UJ	0.036 U	0.036 U
Toxaphene		7 U		7.4 UJ	3.7 UJ
alpha-BHC		0.18 U		0.19 U	0.093 U
alpha-Chlordane		0.18 U		0.19 U	0.093 U
beta-BHC		0.18 U		0.19 U	0.093 U
delta-BHC		0.18 U		0.19 U	0.093 U
gamma-Chlordane		0.71 J		0.19 U	0.093 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
Station	**LL3-058**	**LL3-059**	**LL3-060**	**LL3-063**	**LL3-064**
Sample ID	**LL30696**	**LL30699**	**LL30702**	**LL30707**	**LL30710**
Customer ID	**LL3ss-058-0696-SO**	**LL3ss-059-0699-SO**	**LL3ss-060-0702-SO**	**LL3ss-063-0707-SO**	**LL3ss-064-0710-SO**
Date	**07/31/2001**	**07/31/2001**	**07/31/2001**	**07/31/2001**	**07/31/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
4,4'-DDD		0.0036 U			0.0039 U
4,4'-DDE		0.011 J			0.0039 U
4,4'-DDT		0.0036 U			0.0039 U
Aldrin		0.0036 U			0.0039 U
Dieldrin		0.004 J			0.0039 U
Endosulfan I		0.0036 U			0.0039 U
Endosulfan II		0.0036 U			0.0039 U
Endosulfan sulfate		0.0036 U			0.0039 U
Endrin		0.0036 U			0.0039 U
Endrin aldehyde		0.019 =			0.0039 U
Endrin ketone		0.0036 UJ			0.0039 UJ
Heptachlor		0.011 =			0.0039 U
Heptachlor epoxide		0.0036 U			0.0039 U
Lindane		0.0036 U			0.0039 U
Methoxychlor		0.007 U			0.0075 U
PCB-1016	38 UJ	0.035 U	0.72 UJ	3.7 UJ	0.037 U
PCB-1221	38 U	0.035 U	0.72 U	3.7 U	0.037 U
PCB-1232	38 U	0.035 U	0.72 U	3.7 U	0.037 U
PCB-1242	38 U	0.035 U	0.72 U	3.7 U	0.037 U
PCB-1248	38 U	0.035 U	0.72 U	3.7 U	0.037 U
PCB-1254	160 =	0.55 J	4 =	14 =	0.13 =
PCB-1260	38 UJ	0.035 U	0.72 UJ	3.7 UJ	0.037 U
Toxaphene		0.14 UJ			0.15 UJ
alpha-BHC		0.0036 U			0.0039 U
alpha-Chlordane		0.0036 U			0.0039 U
beta-BHC		0.0036 U			0.0039 U
delta-BHC		0.0036 U			0.0039 U
gamma-Chlordane		0.0041 J			0.0039 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
Station	**LL3-065**	**LL3-065**	**LL3-066**	**LL3-067**	**LL3-070**
Sample ID	**LL30713**	**LL31129**	**LL30716**	**LL30719**	**LL30724**
Customer ID	**LL3ss-065-0713-SO**	**LL3ss-065-1129-SO**	**LL3ss-066-0716-SO**	**LL3ss-067-0719-SO**	**LL3ss-070-0724-SO**
Date	**08/07/2001**	**08/07/2001**	**08/08/2001**	**07/31/2001**	**08/08/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Field Duplicate**	**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	0.39 U	0.39 U	0.38 U	0.35 UJ	0.037 U
PCB-1221	0.39 U	0.39 U	0.38 U	0.35 U	0.037 U
PCB-1232	0.39 U	0.39 U	0.38 U	0.35 U	0.037 U
PCB-1242	0.39 U	0.39 U	0.38 U	0.35 U	0.037 U
PCB-1248	0.39 U	0.39 U	0.38 U	0.35 U	0.037 U
PCB-1254	1.3 =	1.1 =	0.38 U	5.6 =	0.037 U
PCB-1260	0.39 U	0.39 U	1.4 =	0.35 UJ	0.037 U
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	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate	Packaging and Shipping Areas Aggregate
Station	**LL3-071**	**LL3-072**	**LL3-073**	**LL3-074**	**LL3-074**
Sample ID	**LL30727**	**LL30730**	**LL30733**	**LL30736**	**LL31124**
Customer ID	**LL3ss-071-0727-SO**	**LL3ss-072-0730-SO**	**LL3ss-073-0733-SO**	**LL3ss-074-0736-SO**	**LL3ss-074-1124-SO**
Date	**08/08/2001**	**08/09/2001**	**08/09/2001**	**08/09/2001**	**08/09/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**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	0.038 U	0.038 U	0.18 U	0.039 U	0.039 U
PCB-1221	0.038 U	0.038 U	0.18 U	0.039 U	0.039 U
PCB-1232	0.038 U	0.038 U	0.18 U	0.039 U	0.039 U
PCB-1242	0.038 U	0.038 U	0.18 U	0.039 U	0.039 U
PCB-1248	0.038 U	0.038 U	0.18 U	0.039 U	0.039 U
PCB-1254	0.093 J	0.046 =	0.54 =	0.1 =	0.12 =
PCB-1260	0.038 U	0.038 U	0.18 U	0.039 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	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	**LL3-075**	**LL3-076**	**LL3-077**	**LL3-077**	**LL3-078**
Sample ID	**LL30739**	**LL30742**	**LL30745**	**LL31131**	**LL30748**
Customer ID	**LL3ss-075-0739-SO**	**LL3ss-076-0742-SO**	**LL3ss-077-0745-SO**	**LL3ss-077-1131-SO**	**LL3ss-078-0748-SO**
Date	**08/09/2001**	**08/09/2001**	**08/10/2001**	**08/10/2001**	**08/11/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
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	0.037 U	0.18 U	7.7 UJ	7.7 UJ	0.037 U
PCB-1221	0.037 U	0.18 U	7.7 U	7.7 U	0.037 U
PCB-1232	0.037 U	0.18 U	7.7 U	7.7 U	0.037 U
PCB-1242	0.037 U	0.18 U	7.7 U	7.7 U	0.037 U
PCB-1248	0.037 U	0.18 U	7.7 U	7.7 U	0.037 U
PCB-1254	0.037 U	0.5 =	91 =	90 =	0.037 U
PCB-1260	0.037 U	0.18 U	7.7 UJ	7.7 UJ	0.099 =
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	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL3-079**	**LL3-080**	**LL3-081**	**LL3-082**	**LL3-082**
Sample ID	**LL30751**	**LL30754**	**LL30757**	**LL30760**	**LL31126**
Customer ID	**LL3ss-079-0751-SO**	**LL3ss-080-0754-SO**	**LL3ss-081-0757-SO**	**LL3ss-082-0760-SO**	**LL3ss-082-1126-SO**
Date	**08/10/2001**	**08/10/2001**	**08/09/2001**	**08/10/2001**	**08/10/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**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	0.035 U	0.038 U	0.039 U	0.036 UJ	0.036 UJ
PCB-1221	0.035 U	0.038 U	0.039 U	0.036 U	0.036 U
PCB-1232	0.035 U	0.038 U	0.039 U	0.036 U	0.036 U
PCB-1242	0.035 U	0.038 U	0.039 U	0.036 U	0.036 U
PCB-1248	0.035 U	0.038 U	0.039 U	0.036 U	0.036 U
PCB-1254	0.035 U	0.045 =	0.16 J	0.28 J	0.15 J
PCB-1260	0.035 U	0.038 U	0.039 U	0.036 UJ	0.036 UJ
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	Explosives Handling Areas Aggregate
Station	**LL3-083**	**LL3-084**	**LL3-085**	**LL3-086**	**LL3-087**
Sample ID	**LL30763**	**LL30766**	**LL30769**	**LL30772**	**LL30775**
Customer ID	**LL3ss-083-0763-SO**	**LL3ss-084-0766-SO**	**LL3ss-085-0769-SO**	**LL3ss-086-0772-SO**	**LL3ss-087-0775-SO**
Date	**08/06/2001**	**08/11/2001**	**08/06/2001**	**08/06/2001**	**08/06/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
4,4'-DDD				0.0097 UJ	
4,4'-DDE				0.0097 U	
4,4'-DDT				0.0097 U	
Aldrin				0.0097 U	
Dieldrin				0.0097 UJ	
Endosulfan I				0.0097 UJ	
Endosulfan II				0.0097 U	
Endosulfan sulfate				0.0097 U	
Endrin				0.0097 UJ	
Endrin aldehyde				0.0097 U	
Endrin ketone				0.0097 U	
Heptachlor				0.0097 U	
Heptachlor epoxide				0.0097 UJ	
Lindane				0.0097 UJ	
Methoxychlor				0.019 U	
PCB-1016	0.039 U	0.04 U	0.83 U	0.038 U	0.037 U
PCB-1221	0.039 U	0.04 U	0.83 U	0.038 U	0.037 U
PCB-1232	0.039 U	0.04 U	0.83 U	0.038 U	0.037 U
PCB-1242	0.039 U	0.04 U	0.83 U	0.038 U	0.037 U
PCB-1248	0.039 U	0.04 U	0.83 U	0.038 U	0.037 U
PCB-1254	0.17 =	0.12 J	3.9 =	0.038 U	0.037 U
PCB-1260	0.039 U	0.04 U	0.83 U	0.038 U	0.037 U
Toxaphene				0.38 U	
alpha-BHC				0.0097 UJ	
alpha-Chlordane				0.0097 UJ	
beta-BHC				0.0097 U	
delta-BHC				0.0097 U	
gamma-Chlordane				0.0097 UJ	

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
Station	LL3-088	LL3-089	LL3-090	LL3-090	LL3-091
Sample ID	LL30778	LL30781	LL30784	LL31127	LL30787
Customer ID	LL3ss-088-0778-SO	LL3ss-089-0781-SO	LL3ss-090-0784-SO	LL3ss-090-1127-SO	LL3ss-091-0787-SO
Date	08/06/2001	08/06/2001	08/01/2001	08/01/2001	08/11/2001
Depth (ft)	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
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	0.38 U	0.039 U	0.036 UJ	0.036 UJ	0.038 U
PCB-1221	0.38 U	0.039 U	0.036 U	0.036 U	0.038 U
PCB-1232	0.38 U	0.039 U	0.036 U	0.036 U	0.038 U
PCB-1242	0.38 U	0.039 U	0.036 U	0.036 U	0.038 U
PCB-1248	0.38 U	0.039 U	0.036 U	0.036 U	0.038 U
PCB-1254	1.8 =	0.14 =	0.052 =	0.036 U	0.038 U
PCB-1260	0.38 U	0.039 U	0.036 UJ	0.09 J	0.075 =
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	Explosives Handling Areas Aggregate
Station	**LL3-092**	**LL3-093**	**LL3-097**	**LL3-097**	**LL3-098**
Sample ID	**LL30790**	**LL30793**	**LL30799**	**LL31119**	**LL30802**
Customer ID	**LL3ss-092-0790-SO**	**LL3ss-093-0793-SO**	**LL3ss-097-0799-SO**	**LL3ss-097-1119-SO**	**LL3ss-098-0802-SO**
Date	**08/07/2001**	**08/06/2001**	**08/07/2001**	**08/07/2001**	**08/07/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**
Analyte (mg/kg)					
4,4'-DDD			0.0037 U	0.004 U	
4,4'-DDE			0.0037 U	0.004 U	
4,4'-DDT			0.0037 U	0.004 U	
Aldrin			0.0037 U	0.004 U	
Dieldrin			0.0037 U	0.004 U	
Endosulfan I			0.0037 U	0.004 U	
Endosulfan II			0.0037 U	0.004 U	
Endosulfan sulfate			0.0037 U	0.004 U	
Endrin			0.0037 U	0.004 UJ	
Endrin aldehyde			0.0037 U	0.004 U	
Endrin ketone			0.0037 U	0.004 U	
Heptachlor			0.0037 U	0.004 U	
Heptachlor epoxide			0.0037 U	0.004 U	
Lindane			0.0037 U	0.004 U	
Methoxychlor			0.0073 U	0.0078 U	
PCB-1016	4.1 U	0.039 U	0.036 U	0.039 U	0.039 U
PCB-1221	4.1 U	0.039 U	0.036 U	0.039 U	0.039 U
PCB-1232	4.1 U	0.039 U	0.036 U	0.039 U	0.039 U
PCB-1242	4.1 U	0.039 U	0.036 U	0.039 U	0.039 U
PCB-1248	4.1 U	0.039 U	0.036 U	0.039 U	0.039 U
PCB-1254	20 =	0.039 U	0.036 U	0.039 U	0.039 U
PCB-1260	4.1 U	0.039 U	0.036 U	0.039 U	0.039 U
Toxaphene			0.15 U	0.16 U	
alpha-BHC			0.0037 U	0.004 U	
alpha-Chlordane			0.0037 U	0.0083 J	
beta-BHC			0.0037 U	0.016 J	
delta-BHC			0.0037 U	0.004 U	
gamma-Chlordane			0.0037 U	0.004 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
Station	**LL3-099**	**LL3-100**	**LL3-101**	**LL3-102**	**LL3-103**
Sample ID	**LL30805**	**LL30808**	**LL30811**	**LL30814**	**LL30817**
Customer ID	**LL3ss-099-0805-SO**	**LL3ss-100-0808-SO**	**LL3ss-101-0811-SO**	**LL3ss-102-0814-SO**	**LL3ss-103-0817-SO**
Date	**08/07/2001**	**08/07/2001**	**08/11/2001**	**08/07/2001**	**08/07/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
4,4'-DDD			0.095 U		
4,4'-DDE			0.095 U		
4,4'-DDT			0.095 U		
Aldrin			0.095 U		
Dieldrin			0.095 U		
Endosulfan I			0.095 U		
Endosulfan II			0.095 U		
Endosulfan sulfate			0.095 U		
Endrin			0.095 U		
Endrin aldehyde			0.095 U		
Endrin ketone			0.095 U		
Heptachlor			0.095 U		
Heptachlor epoxide			0.095 U		
Lindane			0.095 U		
Methoxychlor			0.18 U		
PCB-1016	0.04 U	0.041 U	0.18 U	78 U	3.9 U
PCB-1221	0.04 U	0.041 U	0.18 U	78 U	3.9 U
PCB-1232	0.04 U	0.041 U	0.18 U	78 U	3.9 U
PCB-1242	0.04 U	0.041 U	0.18 U	78 U	3.9 U
PCB-1248	0.04 U	0.041 U	0.18 U	78 U	3.9 U
PCB-1254	0.18 =	0.041 U	0.18 U	1100 =	38 =
PCB-1260	0.04 U	0.041 U	0.87 =	78 U	3.9 U
Toxaphene			3.7 U		
alpha-BHC			0.095 U		
alpha-Chlordane			0.095 U		
beta-BHC			0.095 U		
delta-BHC			0.095 U		
gamma-Chlordane			0.095 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
Station	**LL3-104**	**LL3-105**	**LL3-106**	**LL3-111**	**LL3-112**
Sample ID	**LL30820**	**LL30823**	**LL30826**	**LL30833**	**LL30836**
Customer ID	**LL3ss-104-0820-SO**	**LL3ss-105-0823-SO**	**LL3ss-106-0826-SO**	**LL3ss-111-0833-SO**	**LL3ss-112-0836-SO**
Date	**08/08/2001**	**08/08/2001**	**08/08/2001**	**08/08/2001**	**08/07/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
4,4'-DDD		0.02 UJ			
4,4'-DDE		0.07 =			
4,4'-DDT		0.02 U			
Aldrin		0.02 UJ			
Dieldrin		0.02 UJ			
Endosulfan I		0.02 UJ			
Endosulfan II		0.02 U			
Endosulfan sulfate		0.02 U			
Endrin		0.02 UJ			
Endrin aldehyde		0.02 U			
Endrin ketone		0.02 U			
Heptachlor		0.02 U			
Heptachlor epoxide		0.02 UJ			
Lindane		0.02 UJ			
Methoxychlor		0.038 U			
PCB-1016	0.4 U	0.19 U	7.9 U	3.7 U	0.038 U
PCB-1221	0.4 U	0.19 U	7.9 U	3.7 U	0.038 U
PCB-1232	0.4 U	0.19 U	7.9 U	3.7 U	0.038 U
PCB-1242	0.4 U	0.19 U	7.9 U	3.7 U	0.038 U
PCB-1248	0.4 U	0.19 U	7.9 U	3.7 U	0.038 U
PCB-1254	2.3 =	0.82 =	100 =	3.7 U	0.2 J
PCB-1260	0.4 U	0.19 U	7.9 U	3.7 U	0.038 U
Toxaphene		0.78 U			
alpha-BHC		0.02 UJ			
alpha-Chlordane		0.02 UJ			
beta-BHC		0.02 U			
delta-BHC		0.02 U			
gamma-Chlordane		0.02 UJ			

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
Station	**LL3-112**	**LL3-113**	**LL3-114**	**LL3-115**	**LL3-116**
Sample ID	**LL31128**	**LL30839**	**LL30842**	**LL30845**	**LL30848**
Customer ID	**LL3ss-112-1128-SO**	**LL3ss-113-0839-SO**	**LL3ss-114-0842-SO**	**LL3ss-115-0845-SO**	**LL3ss-116-0848-SO**
Date	**08/07/2001**	**08/07/2001**	**08/08/2001**	**08/08/2001**	**08/08/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Field Duplicate**	**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	0.077 U	0.19 U	0.037 U	0.036 U	0.037 U
PCB-1221	0.077 U	0.19 U	0.037 U	0.036 U	0.037 U
PCB-1232	0.077 U	0.19 U	0.037 U	0.036 U	0.037 U
PCB-1242	0.077 U	0.19 U	0.037 U	0.036 U	0.037 U
PCB-1248	0.077 U	0.19 U	0.037 U	0.036 U	0.037 U
PCB-1254	0.24 J	0.64 =	0.037 U	0.036 U	0.037 U
PCB-1260	0.077 U	0.19 U	0.037 U	0.036 U	0.037 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	Explosives Handling Areas Aggregate
Station	LL3-117	LL3-118	LL3-119	LL3-120	LL3-121
Sample ID	LL30851	LL30854	LL30857	LL30860	LL30863
Customer ID	LL3ss-117-0851-SO	LL3ss-118-0854-SO	LL3ss-119-0857-SO	LL3ss-120-0860-SO	LL3ss-121-0863-SO
Date	08/06/2001	08/07/2001	08/07/2001	08/06/2001	08/06/2001
Depth (ft)	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
Field Type	Grab	Grab	Grab	Grab	Grab
Analyte (mg/kg)					
4,4'-DDD	0.1 UJ				0.004 U
4,4'-DDE	0.55 J				0.004 U
4,4'-DDT	0.1 U				0.004 U
Aldrin	0.1 U				0.004 U
Dieldrin	1.2 J				0.004 U
Endosulfan I	0.1 UJ				0.004 U
Endosulfan II	0.1 U				0.004 U
Endosulfan sulfate	0.51 =				0.004 U
Endrin	0.1 UJ				0.004 U
Endrin aldehyde	0.51 =				0.004 U
Endrin ketone	0.1 U				0.004 U
Heptachlor	0.18 =				0.004 U
Heptachlor epoxide	0.1 UJ				0.004 U
Lindane	0.1 UJ				0.004 U
Methoxychlor	0.2 U				0.0077 U
PCB-1016	2 U	0.19 U	0.039 U	0.039 U	0.038 U
PCB-1221	2 U	0.19 U	0.039 U	0.039 U	0.038 U
PCB-1232	2 U	0.19 U	0.039 U	0.039 U	0.038 U
PCB-1242	2 U	0.19 U	0.039 U	0.039 U	0.038 U
PCB-1248	2 U	0.19 U	0.039 U	0.039 U	0.038 U
PCB-1254	15 =	0.19 U	0.12 =	0.039 U	0.06 J
PCB-1260	2 U	0.39 =	0.039 U	0.14 J	0.038 U
Toxaphene	4 U				0.16 U
alpha-BHC	0.1 UJ				0.004 U
alpha-Chlordane	0.1 UJ				0.004 U
beta-BHC	0.1 U				0.004 U
delta-BHC	0.1 U				0.004 U
gamma-Chlordane	0.14 J				0.004 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
Station	**LL3-122**	**LL3-126**	**LL3-127**	**LL3-127**	**LL3-128**
Sample ID	**LL30866**	**LL30872**	**LL30875**	**LL31123**	**LL30878**
Customer ID	**LL3ss-122-0866-SO**	**LL3ss-126-0872-SO**	**LL3ss-127-0875-SO**	**LL3ss-127-1123-SO**	**LL3ss-128-0878-SO**
Date	**08/01/2001**	**08/07/2001**	**08/07/2001**	**08/07/2001**	**08/07/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
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	0.036 U	0.18 U	0.039 U	0.039 U	3.6 U
PCB-1221	0.036 U	0.18 U	0.039 U	0.039 U	3.6 U
PCB-1232	0.036 U	0.18 U	0.039 U	0.039 U	3.6 U
PCB-1242	0.036 U	0.18 U	0.039 U	0.039 U	3.6 U
PCB-1248	0.036 U	0.18 U	0.039 U	0.039 U	3.6 U
PCB-1254	0.28 J	0.33 =	0.079 J	0.082 J	44 =
PCB-1260	0.036 U	0.18 U	0.039 U	0.039 U	3.6 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	Explosives Handling Areas Aggregate
Station	**LL3-129**	**LL3-130**	**LL3-131**	**LL3-132**	**LL3-133**
Sample ID	**LL30881**	**LL30884**	**LL30887**	**LL30890**	**LL30893**
Customer ID	**LL3ss-129-0881-SO**	**LL3ss-130-0884-SO**	**LL3ss-131-0887-SO**	**LL3ss-132-0890-SO**	**LL3ss-133-0893-SO**
Date	**08/06/2001**	**08/06/2001**	**08/06/2001**	**08/10/2001**	**08/10/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
4,4'-DDD				0.0039 U	
4,4'-DDE				0.018 J	
4,4'-DDT				0.0039 U	
Aldrin				0.0039 U	
Dieldrin				0.039 J	
Endosulfan I				0.0039 U	
Endosulfan II				0.0039 U	
Endosulfan sulfate				0.0039 U	
Endrin				0.0039 U	
Endrin aldehyde				0.0054 J	
Endrin ketone				0.014 J	
Heptachlor				0.0039 U	
Heptachlor epoxide				0.0039 U	
Lindane				0.0039 U	
Methoxychlor				0.0076 U	
PCB-1016	0.036 U	0.077 U	0.039 U	0.19 U	0.036 U
PCB-1221	0.036 U	0.077 U	0.039 U	0.19 U	0.036 U
PCB-1232	0.036 U	0.077 U	0.039 U	0.19 U	0.036 U
PCB-1242	0.036 U	0.077 U	0.039 U	0.19 U	0.036 U
PCB-1248	0.036 U	0.077 U	0.039 U	0.19 U	0.036 U
PCB-1254	0.3 J	0.33 =	0.077 =	0.58 =	0.046 =
PCB-1260	0.036 U	0.077 U	0.039 U	0.19 U	0.036 U
Toxaphene				0.16 U	
alpha-BHC				0.0039 U	
alpha-Chlordane				0.0039 U	
beta-BHC				0.0039 U	
delta-BHC				0.0039 U	
gamma-Chlordane				0.0072 J	

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

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	**LL3-134**	**LL3-135**	**LL3-136**	**LL3-137**	**LL3-138**
Sample ID	**LL30896**	**LL30899**	**LL30902**	**LL30905**	**LL30908**
Customer ID	**LL3ss-134-0896-SO**	**LL3ss-135-0899-SO**	**LL3ss-136-0902-SO**	**LL3ss-137-0905-SO**	**LL3ss-138-0908-SO**
Date	**08/10/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)					
4,4'-DDD			0.0099 UJ		
4,4'-DDE			0.011 J		
4,4'-DDT			0.0099 U		
Aldrin			0.0099 U		
Dieldrin			0.0099 UJ		
Endosulfan I			0.0099 UJ		
Endosulfan II			0.0099 U		
Endosulfan sulfate			0.0099 U		
Endrin			0.0099 UJ		
Endrin aldehyde			0.01 =		
Endrin ketone			0.0099 U		
Heptachlor			0.0099 U		
Heptachlor epoxide			0.0099 UJ		
Lindane			0.0099 UJ		
Methoxychlor			0.019 U		
PCB-1016	0.036 U	0.037 U	0.039 U	0.04 U	0.38 UJ
PCB-1221	0.036 U	0.037 U	0.039 U	0.04 U	0.38 U
PCB-1232	0.036 U	0.037 U	0.039 U	0.04 U	0.38 U
PCB-1242	0.036 U	0.037 U	0.039 U	0.04 U	0.38 U
PCB-1248	0.036 U	0.037 U	0.039 U	0.04 U	0.38 U
PCB-1254	0.036 U	0.062 =	0.32 =	0.4 J	2.5 =
PCB-1260	0.036 U	0.037 U	0.039 U	0.04 U	0.38 UJ
Toxaphene			0.39 U		
alpha-BHC			0.0099 UJ		
alpha-Chlordane			0.0099 UJ		
beta-BHC			0.0099 U		
delta-BHC			0.0099 U		
gamma-Chlordane			0.0099 UJ		

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
Station	LL3-139	LL3-139	LL3-140	LL3-142	LL3-142
Sample ID	LL30911	LL31133	LL30914	LL30918	LL31120
Customer ID	LL3ss-139-0911-SO	LL3ss-139-1133-SO	LL3ss-140-0914-SO	LL3ss-142-0918-SO	LL3ss-142-1120-SO
Date	08/11/2001	08/11/2001	08/11/2001	08/09/2001	08/09/2001
Depth (ft)	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
Field Type	Grab	Field Duplicate	Grab	Grab	Field Duplicate
Analyte (mg/kg)					
4,4'-DDD				0.018 UJ	0.018 UJ
4,4'-DDE				0.018 U	0.018 U
4,4'-DDT				0.022 J	0.021 J
Aldrin				0.018 UJ	0.018 UJ
Dieldrin				0.018 UJ	0.018 UJ
Endosulfan I				0.018 UJ	0.018 UJ
Endosulfan II				0.018 U	0.018 U
Endosulfan sulfate				0.018 U	0.018 U
Endrin				0.018 UJ	0.018 UJ
Endrin aldehyde				0.018 U	0.018 U
Endrin ketone				0.018 U	0.018 U
Heptachlor				0.018 U	0.018 U
Heptachlor epoxide				0.018 UJ	0.018 UJ
Lindane				0.018 UJ	0.018 UJ
Methoxychlor				0.035 U	0.035 U
PCB-1016	0.039 UJ	0.038 UJ	0.039 U	0.035 U	0.035 U
PCB-1221	0.039 U	0.038 U	0.039 U	0.035 U	0.035 U
PCB-1232	0.039 U	0.038 U	0.039 U	0.035 U	0.035 U
PCB-1242	0.039 U	0.038 U	0.039 U	0.035 U	0.035 U
PCB-1248	0.039 U	0.038 U	0.039 U	0.035 U	0.035 U
PCB-1254	0.091 =	0.066 =	0.039 U	0.035 U	0.035 U
PCB-1260	0.039 UJ	0.038 UJ	0.039 U	0.19 J	0.15 J
Toxaphene				0.71 U	0.71 U
alpha-BHC				0.018 UJ	0.018 UJ
alpha-Chlordane				0.018 UJ	0.018 UJ
beta-BHC				0.018 U	0.018 U
delta-BHC				0.018 U	0.018 U
gamma-Chlordane				0.018 UJ	0.018 UJ

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	Change Houses Aggregate	Change Houses Aggregate
Station	LL3-143	LL3-144	LL3-145	LL3-146	LL3-147
Sample ID	LL30921	LL30924	LL30927	LL30930	LL30933
Customer ID	LL3ss-143-0921-SO	LL3ss-144-0924-SO	LL3ss-145-0927-SO	LL3ss-146-0930-SO	LL3ss-147-0933-SO
Date	08/09/2001	08/09/2001	08/09/2001	08/08/2001	08/08/2001
Depth (ft)	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
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	0.18 U	1.9 U	0.038 U	0.038 U	0.074 U
PCB-1221	0.18 U	1.9 U	0.038 U	0.038 U	0.074 U
PCB-1232	0.18 U	1.9 U	0.038 U	0.038 U	0.074 U
PCB-1242	0.18 U	1.9 U	0.038 U	0.038 U	0.074 U
PCB-1248	0.18 U	1.9 U	0.038 U	0.038 U	0.074 U
PCB-1254	0.64 =	14 =	0.038 U	0.15 J	0.49 J
PCB-1260	0.18 U	1.9 U	0.23 J	0.038 U	0.074 U
Toxaphene					
alpha-BHC					
alpha-Chlordane					
beta-BHC					
delta-BHC					
gamma-Chlordane					

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

Location	Change Houses Aggregate	Change Houses Aggregate	Change Houses Aggregate	Change Houses Aggregate	Perimeter Area Aggregate
Station	LL3-148	LL3-149	LL3-150	LL3-151	LL3-152
Sample ID	LL30936	LL30939	LL30942	LL30945	LL30948
Customer ID	LL3ss-148-0936-SO	LL3ss-149-0939-SO	LL3ss-150-0942-SO	LL3ss-151-0945-SO	LL3ss-152-0948-SO
Date	08/09/2001	08/09/2001	08/08/2001	08/08/2001	08/13/2001
Depth (ft)	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
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	0.078 U	0.36 UJ	0.037 U	0.038 U	0.038 U
PCB-1221	0.078 U	0.36 U	0.037 U	0.038 U	0.038 U
PCB-1232	0.078 U	0.36 U	0.037 U	0.038 U	0.038 U
PCB-1242	0.078 U	0.36 U	0.037 U	0.038 U	0.038 U
PCB-1248	0.078 U	0.36 U	0.037 U	0.038 U	0.038 U
PCB-1254	0.35 =	6.3 =	0.037 U	0.038 U	0.038 U
PCB-1260	0.078 U	0.36 UJ	0.037 U	0.038 U	0.038 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	Explosives Handling Areas Aggregate
Station	**LL3-153**	**LL3-153**	**LL3-154**	**LL3-157**	**LL3-158**
Sample ID	**LL30951**	**LL31134**	**LL30954**	**LL30963**	**LL30966**
Customer ID	**LL3ss-153-0951-SO**	**LL3ss-153-1134-SO**	**LL3ss-154-0954-SO**	**LL3ss-157-0963-SO**	**LL3ss-158-0966-SO**
Date	**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**
Field Type	**Grab**	**Field Duplicate**	**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	0.37 U	0.74 U	0.037 U	0.37 U	0.036 U
PCB-1221	0.37 U	0.74 U	0.037 U	0.37 U	0.036 U
PCB-1232	0.37 U	0.74 U	0.037 U	0.37 U	0.036 U
PCB-1242	0.37 U	0.74 U	0.037 U	0.37 U	0.036 U
PCB-1248	0.37 U	0.74 U	0.037 U	0.37 U	0.036 U
PCB-1254	7.1 =	10 =	0.046 J	1.3 =	0.046 J
PCB-1260	0.37 U	0.74 U	0.037 U	0.37 U	0.036 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	Perimeter Area Aggregate	Perimeter Area Aggregate
Station	LL3-159	LL3-160	LL3-161	LL3-173	LL3-173
Sample ID	LL30969	LL30972	LL30975	LL30999	LL31132
Customer ID	LL3ss-159-0969-SO	LL3ss-160-0972-SO	LL3ss-161-0975-SO	LL3ss-173-0999-SO	LL3ss-173-1132-SO
Date	08/13/2001	08/13/2001	08/13/2001	08/10/2001	08/10/2001
Depth (ft)	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
Field Type	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	0.038 U	0.04 U	0.036 U	0.042 U	0.042 U
PCB-1221	0.038 U	0.04 U	0.036 U	0.042 U	0.042 U
PCB-1232	0.038 U	0.04 U	0.036 U	0.042 U	0.042 U
PCB-1242	0.038 U	0.04 U	0.036 U	0.042 U	0.042 U
PCB-1248	0.038 U	0.04 U	0.036 U	0.042 U	0.042 U
PCB-1254	0.16 =	0.056 =	0.51 J	0.042 U	0.042 U
PCB-1260	0.038 U	0.04 U	0.036 U	0.042 U	0.042 U
Toxaphene					
alpha-BHC					
alpha-Chlordane					
beta-BHC					
delta-BHC					
gamma-Chlordane					

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

Location	Perimeter Area Aggregate	Explosives Handling Areas Aggregate	Perimeter Area Aggregate	Perimeter Area Aggregate	DLA Tanks Aggregate
Station	LL3-174	LL3-175	LL3-176	LL3-177	LL3-182
Sample ID	LL31000	LL31001	LL31002	LL31003	LL31008
Customer ID	LL3ss-174-1000-SO	LL3ss-175-1001-SO	LL3ss-176-1002-SO	LL3ss-177-1003-SO	LL3ss-182-1008-SO
Date	08/11/2001	08/09/2001	08/10/2001	08/10/2001	08/10/2001
Depth (ft)	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
Field Type	Grab	Grab	Grab	Grab	Grab
Analyte (mg/kg)					
4,4'-DDD				0.0019 U	0.0039 U
4,4'-DDE				0.0019 U	0.0039 U
4,4'-DDT				0.0019 U	0.0039 U
Aldrin				0.0019 U	0.0039 U
Dieldrin				0.02 J	0.0094 =
Endosulfan I				0.0019 U	0.0039 U
Endosulfan II				0.0019 U	0.0039 U
Endosulfan sulfate				0.0019 U	0.0039 U
Endrin				0.0019 U	0.0039 U
Endrin aldehyde				0.0019 U	0.0039 U
Endrin ketone				0.0019 U	0.0039 U
Heptachlor				0.0019 UJ	0.0039 UJ
Heptachlor epoxide				0.0019 U	0.0039 U
Lindane				0.0019 UJ	0.0039 UJ
Methoxychlor				0.0037 U	0.0076 U
PCB-1016	0.038 U	0.039 UJ	0.038 U	0.037 U	0.038 U
PCB-1221	0.038 U	0.039 U	0.038 U	0.037 U	0.038 U
PCB-1232	0.038 U	0.039 U	0.038 U	0.037 U	0.038 U
PCB-1242	0.038 U	0.039 U	0.038 U	0.037 U	0.038 U
PCB-1248	0.038 U	0.039 U	0.038 U	0.037 U	0.038 U
PCB-1254	0.038 U	0.039 U	0.038 U	0.037 U	0.038 U
PCB-1260	0.038 U	0.039 UJ	0.038 U	0.037 U	0.038 U
Toxaphene				0.075 U	0.15 U
alpha-BHC				0.0019 U	0.0039 U
alpha-Chlordane				0.0019 U	0.0039 U
beta-BHC				0.0019 UJ	0.0039 UJ
delta-BHC				0.0019 UJ	0.0039 UJ
gamma-Chlordane				0.0019 U	0.0039 U

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

Location	DLA Tanks Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate
Station	**LL3-183**	**LL3-184**	**LL3-185**
Sample ID	**LL31009**	**LL31010**	**LL31011**
Customer ID	**LL3ss-183-1009-SO**	**LL3ss-184-1010-SO**	**LL3ss-185-1011-SO**
Date	**08/10/2001**	**08/10/2001**	**08/10/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)			
4,4'-DDD	0.0095 U	0.0095 U	0.0099 U
4,4'-DDE	0.0095 U	0.0095 U	0.0099 U
4,4'-DDT	0.0095 U	0.0095 U	0.0099 U
Aldrin	0.0095 U	0.0095 U	0.0099 U
Dieldrin	0.0095 U	0.0095 U	0.0099 U
Endosulfan I	0.0095 U	0.0095 U	0.0099 U
Endosulfan II	0.0095 U	0.0095 U	0.0099 U
Endosulfan sulfate	0.0095 U	0.0095 U	0.0099 U
Endrin	0.0095 U	0.0095 U	0.0099 U
Endrin aldehyde	0.0095 U	0.0095 U	0.0099 U
Endrin ketone	0.0095 U	0.0095 U	0.0099 U
Heptachlor	0.0095 U	0.0095 UJ	0.0099 UJ
Heptachlor epoxide	0.0095 U	0.0095 U	0.0099 U
Lindane	0.0095 U	0.0095 UJ	0.0099 UJ
Methoxychlor	0.018 U	0.018 U	0.019 U
PCB-1016	0.037 U	0.037 U	0.039 U
PCB-1221	0.037 U	0.037 U	0.039 U
PCB-1232	0.037 U	0.037 U	0.039 U
PCB-1242	0.037 U	0.037 U	0.039 U
PCB-1248	0.037 U	0.037 U	0.039 U
PCB-1254	0.037 U	0.037 U	0.039 U
PCB-1260	0.037 U	0.037 U	0.039 U
Toxaphene	0.38 U	0.37 U	0.39 U
alpha-BHC	0.0095 U	0.0095 U	0.0099 U
alpha-Chlordane	0.0095 U	0.0095 U	0.0099 U
beta-BHC	0.0095 U	0.0095 UJ	0.0099 UJ
delta-BHC	0.0095 U	0.0095 UJ	0.0099 UJ
gamma-Chlordane	0.0095 U	0.0095 U	0.0099 U

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

Table I-4. Surface Soil Semivolatile Organic Compounds

Location	Perimeter Area 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	**LL3-055**	**LL3-057**	**LL3-057**	**LL3-058**	**LL3-059**	**LL3-063**	**LL3-064**
Sample ID	**LL30687**	**LL30693**	**LL31121**	**LL30696**	**LL30699**	**LL30707**	**LL30710**
Customer ID	**LL3ss-055-0687-SO**	**LL3ss-057-0693-SO**	**LL3ss-057-1121-SO**	**LL3ss-058-0696-SO**	**LL3ss-059-0699-SO**	**LL3ss-063-0707-SO**	**LL3ss-064-0710-SO**
Date	**08/10/2001**	**07/31/2001**	**07/31/2001**	**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**
Field Type	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)							
1,2,4-Trichlorobenzene	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
1,2-Dichlorobenzene	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
1,3-Dichlorobenzene	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
1,4-Dichlorobenzene	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
2,4,5-Trichlorophenol	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
2,4,6-Trichlorophenol	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
2,4-Dichlorophenol	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
2,4-Dimethylphenol	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
2,4-Dinitrophenol	0.84 UJ	0.88 U	0.88 U	4.6 U	0.85 UJ	4.4 U	0.91 U
2,4-Dinitrotoluene	0.059 J	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
2,6-Dinitrotoluene	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
2-Chloronaphthalene	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
2-Chlorophenol	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
2-Methyl-4,6-dinitrophenol	0.84 UJ	0.88 U	0.88 U	4.6 U	0.85 UJ	4.4 U	0.91 U
2-Methylnaphthalene	0.35 UJ	0.21 J	0.17 J	2.5 =	0.35 UJ	1.8 U	0.37 U
2-Methylphenol	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
2-Nitrobenzenamine	0.84 UJ	0.88 U	0.88 U	4.6 U	0.85 UJ	4.4 U	0.91 U
2-Nitrophenol	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
3,3'-Dichlorobenzidine	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
3-Nitrobenzenamine	0.84 UJ	0.88 U	0.88 U	4.6 U	0.85 UJ	4.4 U	0.91 U
4-Bromophenyl phenyl ether	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
4-Chloro-3-methylphenol	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
4-Chlorobenzenamine	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U

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

Location	Perimeter Area 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	**LL3-055**	**LL3-057**	**LL3-057**	**LL3-058**	**LL3-059**	**LL3-063**	**LL3-064**
Sample ID	**LL30687**	**LL30693**	**LL31121**	**LL30696**	**LL30699**	**LL30707**	**LL30710**
Customer ID	**LL3ss-055-0687-SO**	**LL3ss-057-0693-SO**	**LL3ss-057-1121-SO**	**LL3ss-058-0696-SO**	**LL3ss-059-0699-SO**	**LL3ss-063-0707-SO**	**LL3ss-064-0710-SO**
Date	**08/10/2001**	**07/31/2001**	**07/31/2001**	**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**
Field Type	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)							
4-Chlorophenyl phenyl ether	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
4-Methylphenol	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
4-Nitrobenzenamine	0.84 UJ	0.88 U	0.88 U	4.6 U	0.85 UJ	4.4 U	0.91 U
4-Nitrophenol	0.84 UJ	0.88 U	0.88 U	4.6 U	0.85 UJ	4.4 U	0.91 U
Acenaphthene	0.35 UJ	0.99 =	1.2 =	11 =	0.35 UJ	1.2 J	0.14 J
Acenaphthylene	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
Anthracene	0.35 UJ	3 =	3.6 =	22 =	0.35 UJ	3.3 =	0.28 J
Benz(a)anthracene	0.23 J	4.8 J	6.3 =	29 =	0.35 UJ	5.7 =	0.79 =
Benzenemethanol	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
Benzo(a)pyrene	0.27 J	5.8 J	5.8 =	23 =	0.35 UJ	5.4 =	0.6 =
Benzo(b)fluoranthene	0.84 J	7 J	6 =	29 =	0.35 UJ	5.5 =	0.67 =
Benzo(ghi)perylene	0.2 J	2.1 =	2.7 =	12 =	0.35 UJ	2.9 =	0.3 J
Benzo(k)fluoranthene	0.21 J	3.5 =	3.7 =	16 =	0.35 UJ	3.6 =	0.47 =
Benzoic acid	1.7 UJ	1.8 UJ	1.8 UJ	9.2 UJ	1.7 UJ	8.9 UJ	1.8 UJ
Bis(2-chloroethoxy)methane	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
Bis(2-chloroethyl) ether	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
Bis(2-chloroisopropyl) ether	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
Bis(2-ethylhexyl)phthalate	0.11 J	0.36 U	0.36 U	1.2 =	0.35 UJ	1.8 U	0.37 U
Butyl benzyl phthalate	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
Carbazole	0.35 UJ	1.4 =	1.9 =	13 =	0.35 UJ	2 =	0.17 J
Chrysene	0.52 J	4.9 J	6.5 =	28 =	0.35 UJ	5.9 =	0.88 =
Di-n-butyl phthalate	0.31 J	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
Di-n-octylphthalate	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U

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

Location	Perimeter Area 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	LL3-055	LL3-057	LL3-057	LL3-058	LL3-059	LL3-063	LL3-064
Sample ID	LL30687	LL30693	LL31121	LL30696	LL30699	LL30707	LL30710
Customer ID	LL3ss-055-0687-SO	LL3ss-057-0693-SO	LL3ss-057-1121-SO	LL3ss-058-0696-SO	LL3ss-059-0699-SO	LL3ss-063-0707-SO	LL3ss-064-0710-SO
Date	08/10/2001	07/31/2001	07/31/2001	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
Field Type	Grab	Grab	Field Duplicate	Grab	Grab	Grab	Grab
Analyte (mg/kg)							
Dibenz(a,h)anthracene	0.066 J	0.74 =	1.1 =	4.1 =	0.35 UJ	0.93 J	0.12 J
Dibenzofuran	0.35 UJ	0.72 =	0.78 =	8.8 =	0.35 UJ	0.85 J	0.37 U
Diethyl phthalate	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
Dimethyl phthalate	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
Fluoranthene	0.41 J	6.9 J	16 =	71 =	0.35 UJ	13 =	1.8 =
Fluorene	0.35 UJ	1.1 =	1.2 =	13 =	0.35 UJ	1.3 J	0.065 J
Hexachlorobenzene	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
Hexachlorobutadiene	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
Hexachlorocyclopentadiene	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
Hexachloroethane	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
Indeno(1,2,3-cd)pyrene	0.19 J	2.4 =	3.2 =	12 =	0.35 UJ	3 =	0.31 J
Isophorone	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
N-Nitroso-di-n-propylamine	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
N-Nitrosodiphenylamine	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
Naphthalene	0.35 UJ	0.34 J	0.24 J	4.7 =	0.35 UJ	0.3 J	0.37 U
Nitrobenzene	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
Pentachlorophenol	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
Phenanthrene	0.14 J	6.2 J	12 =	72 =	0.35 UJ	10 =	0.87 =
Phenol	0.35 UJ	0.36 U	0.36 U	1.9 U	0.35 UJ	1.8 U	0.37 U
Pyrene	0.41 J	5.7 J	13 =	58 =	0.35 UJ	11 =	1.5 =

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

Location	Perimeter Area 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	LL3-055	LL3-057	LL3-057	LL3-058	LL3-059	LL3-063	LL3-064
Sample ID	LL30687	LL30693	LL31121	LL30696	LL30699	LL30707	LL30710
Customer ID	LL3ss-055-0687-SO	LL3ss-057-0693-SO	LL3ss-057-1121-SO	LL3ss-058-0696-SO	LL3ss-059-0699-SO	LL3ss-063-0707-SO	LL3ss-064-0710-SO
Date	08/10/2001	07/31/2001	07/31/2001	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
Field Type	Grab	Grab	Field Duplicate	Grab	Grab	Grab	Grab
Analyte (mg/kg)							

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

Location	Explosives Handling Areas Aggregate	Explosives Handling 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	LL3-066	LL3-070	LL3-074	LL3-074	LL3-080	LL3-083	LL3-086
Sample ID	LL30716	LL30724	LL30736	LL31124	LL30754	LL30763	LL30772
Customer ID	LL3ss-066-0716-SO	LL3ss-070-0724-SO	LL3ss-074-0736-SO	LL3ss-074-1124-SO	LL3ss-080-0754-SO	LL3ss-083-0763-SO	LL3ss-086-0772-SO
Date	08/08/2001	08/08/2001	08/09/2001	08/09/2001	08/10/2001	08/06/2001	08/06/2001
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)							
1,2,4-Trichlorobenzene	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
1,2-Dichlorobenzene	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
1,3-Dichlorobenzene	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
1,4-Dichlorobenzene	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
2,4,5-Trichlorophenol	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
2,4,6-Trichlorophenol	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
2,4-Dichlorophenol	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
2,4-Dimethylphenol	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
2,4-Dinitrophenol	0.92 UJ	0.91 UJ	0.95 UJ	0.95 UJ	0.91 UJ	0.95 UJ	0.92 UJ
2,4-Dinitrotoluene	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
2,6-Dinitrotoluene	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
2-Chloronaphthalene	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
2-Chlorophenol	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
2-Methyl-4,6-dinitrophenol	0.92 UJ	0.91 UJ	0.95 UJ	0.95 UJ	0.91 UJ	0.95 UJ	0.92 UJ
2-Methylnaphthalene	0.067 J	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.1 J
2-Methylphenol	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
2-Nitrobenzenamine	0.92 UJ	0.91 UJ	0.95 UJ	0.95 UJ	0.91 UJ	0.95 UJ	0.92 UJ
2-Nitrophenol	0.38 UJ	0.37 UJ	0.39 U	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
3,3'-Dichlorobenzidine	0.38 UJ	0.37 UJ	0.39 U	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
3-Nitrobenzenamine	0.92 UJ	0.91 UJ	0.95 U	0.95 UJ	0.91 UJ	0.95 UJ	0.92 UJ
4-Bromophenyl phenyl ether	0.38 UJ	0.37 UJ	0.39 U	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
4-Chloro-3-methylphenol	0.38 UJ	0.37 UJ	0.39 U	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
4-Chlorobenzenamine	0.38 UJ	0.37 UJ	0.39 U	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ

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

Location	Explosives Handling Areas Aggregate	Explosives Handling 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	**LL3-066**	**LL3-070**	**LL3-074**	**LL3-074**	**LL3-080**	**LL3-083**	**LL3-086**
Sample ID	**LL30716**	**LL30724**	**LL30736**	**LL31124**	**LL30754**	**LL30763**	**LL30772**
Customer ID	**LL3ss-066-0716-SO**	**LL3ss-070-0724-SO**	**LL3ss-074-0736-SO**	**LL3ss-074-1124-SO**	**LL3ss-080-0754-SO**	**LL3ss-083-0763-SO**	**LL3ss-086-0772-SO**
Date	**08/08/2001**	**08/08/2001**	**08/09/2001**	**08/09/2001**	**08/10/2001**	**08/06/2001**	**08/06/2001**
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)							
4-Chlorophenyl phenyl ether	0.38 UJ	0.37 UJ	0.39 U	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
4-Methylphenol	0.38 UJ	0.37 UJ	0.39 U	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
4-Nitrobenzenamine	0.92 UJ	0.91 UJ	0.95 UJ	0.95 UJ	0.91 UJ	0.95 UJ	0.92 UJ
4-Nitrophenol	0.92 UJ	0.91 UJ	0.95 UJ	0.95 UJ	0.91 UJ	0.95 UJ	0.92 UJ
Acenaphthene	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
Acenaphthylene	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
Anthracene	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.059 J	0.38 UJ
Benz(a)anthracene	0.19 J	0.37 UJ	0.17 J	0.2 J	0.38 UJ	0.26 J	0.12 J
Benzenemethanol	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
Benzo(a)pyrene	0.14 J	0.37 UJ	0.21 J	0.21 J	0.38 UJ	0.26 J	0.13 J
Benzo(b)fluoranthene	0.21 J	0.37 UJ	0.32 J	0.34 J	0.38 UJ	0.33 J	0.18 J
Benzo(ghi)perylene	0.08 J	0.37 UJ	0.099 J	0.12 J	0.38 UJ	0.13 J	0.38 UJ
Benzo(k)fluoranthene	0.086 J	0.37 UJ	0.12 J	0.1 J	0.38 UJ	0.15 J	0.062 J
Benzoic acid	1.8 UJ	1.8 UJ	0.21 J	1.9 UJ	1.8 UJ	1.9 UJ	1.8 UJ
Bis(2-chloroethoxy)methane	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
Bis(2-chloroethyl) ether	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
Bis(2-chloroisopropyl) ether	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
Bis(2-ethylhexyl)phthalate	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
Butyl benzyl phthalate	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
Carbazole	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
Chrysene	0.25 J	0.37 UJ	0.2 J	0.28 J	0.38 UJ	0.24 J	0.15 J
Di-n-butyl phthalate	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
Di-n-octylphthalate	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ

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

Location	Explosives Handling Areas Aggregate	Explosives Handling 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	**LL3-066**	**LL3-070**	**LL3-074**	**LL3-074**	**LL3-080**	**LL3-083**	**LL3-086**
Sample ID	**LL30716**	**LL30724**	**LL30736**	**LL31124**	**LL30754**	**LL30763**	**LL30772**
Customer ID	**LL3ss-066-0716-SO**	**LL3ss-070-0724-SO**	**LL3ss-074-0736-SO**	**LL3ss-074-1124-SO**	**LL3ss-080-0754-SO**	**LL3ss-083-0763-SO**	**LL3ss-086-0772-SO**
Date	**08/08/2001**	**08/08/2001**	**08/09/2001**	**08/09/2001**	**08/10/2001**	**08/06/2001**	**08/06/2001**
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)							
Dibenz(a,h)anthracene	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
Dibenzofuran	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
Diethyl phthalate	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
Dimethyl phthalate	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
Fluoranthene	0.27 J	0.37 UJ	0.44 J	0.52 J	0.38 UJ	0.68 J	0.2 J
Fluorene	0.38 UJ	0.37 UJ	0.074 J	0.39 UJ	0.38 UJ	0.084 J	0.38 UJ
Hexachlorobenzene	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
Hexachlorobutadiene	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
Hexachlorocyclopentadiene	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
Hexachloroethane	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
Indeno(1,2,3-cd)pyrene	0.38 UJ	0.37 UJ	0.1 J	0.11 J	0.38 UJ	0.13 J	0.38 UJ
Isophorone	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
N-Nitroso-di-n-propylamine	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
N-Nitrosodiphenylamine	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
Naphthalene	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.1 J
Nitrobenzene	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
Pentachlorophenol	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
Phenanthrene	0.12 J	0.37 UJ	0.26 J	0.3 J	0.38 UJ	0.36 J	0.16 J
Phenol	0.38 UJ	0.37 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.38 UJ
Pyrene	0.32 J	0.37 UJ	0.49 J	0.5 J	0.38 UJ	0.52 J	0.23 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
Station	LL3-088	LL3-097	LL3-097	LL3-099	LL3-101	LL3-103	LL3-105
Sample ID	LL30778	LL30799	LL31119	LL30805	LL30811	LL30817	LL30823
Customer ID	LL3ss-088-0778-SO	LL3ss-097-0799-SO	LL3ss-097-1119-SO	LL3ss-099-0805-SO	LL3ss-101-0811-SO	LL3ss-103-0817-SO	LL3ss-105-0823-SO
Date	08/06/2001	08/07/2001	08/07/2001	08/07/2001	08/11/2001	08/07/2001	08/08/2001
Depth (ft)	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
Field Type	Grab	Grab	Field Duplicate	Grab	Grab	Grab	Grab
Analyte (mg/kg)							
1,2,4-Trichlorobenzene	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
1,2-Dichlorobenzene	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
1,3-Dichlorobenzene	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
1,4-Dichlorobenzene	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
2,4,5-Trichlorophenol	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
2,4,6-Trichlorophenol	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
2,4-Dichlorophenol	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
2,4-Dimethylphenol	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
2,4-Dinitrophenol	0.93 UJ	0.88 UJ	0.94 UJ	9.7 UJ	0.89 UJ	0.94 UJ	0.93 UJ
2,4-Dinitrotoluene	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
2,6-Dinitrotoluene	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
2-Chloronaphthalene	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
2-Chlorophenol	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
2-Methyl-4,6-dinitrophenol	0.93 UJ	0.88 UJ	0.94 UJ	9.7 UJ	0.89 UJ	0.94 UJ	0.93 UJ
2-Methylnaphthalene	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
2-Methylphenol	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
2-Nitrobenzenamine	0.93 UJ	0.88 UJ	0.94 UJ	9.7 UJ	0.89 UJ	0.94 UJ	0.93 UJ
2-Nitrophenol	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
3,3'-Dichlorobenzidine	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
3-Nitrobenzenamine	0.93 UJ	0.88 UJ	0.94 UJ	9.7 UJ	0.89 UJ	0.94 UJ	0.93 UJ
4-Bromophenyl phenyl ether	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
4-Chloro-3-methylphenol	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
4-Chlorobenzenamine	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ

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
Station	**LL3-088**	**LL3-097**	**LL3-097**	**LL3-099**	**LL3-101**	**LL3-103**	**LL3-105**
Sample ID	**LL30778**	**LL30799**	**LL31119**	**LL30805**	**LL30811**	**LL30817**	**LL30823**
Customer ID	**LL3ss-088-0778-SO**	**LL3ss-097-0799-SO**	**LL3ss-097-1119-SO**	**LL3ss-099-0805-SO**	**LL3ss-101-0811-SO**	**LL3ss-103-0817-SO**	**LL3ss-105-0823-SO**
Date	**08/06/2001**	**08/07/2001**	**08/07/2001**	**08/07/2001**	**08/11/2001**	**08/07/2001**	**08/08/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)							
4-Chlorophenyl phenyl ether	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
4-Methylphenol	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
4-Nitrobenzenamine	0.93 UJ	0.88 UJ	0.94 UJ	9.7 UJ	0.89 UJ	0.94 UJ	0.93 UJ
4-Nitrophenol	0.93 UJ	0.88 UJ	0.94 UJ	9.7 UJ	0.89 UJ	0.94 UJ	0.93 R
Acenaphthene	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Acenaphthylene	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Anthracene	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Benz(a)anthracene	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.077 J	0.38 UJ
Benzenemethanol	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Benzo(a)pyrene	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Benzo(b)fluoranthene	0.089 J	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.13 J	0.38 UJ
Benzo(ghi)perylene	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Benzo(k)fluoranthene	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Benzoic acid	1.9 UJ	1.8 UJ	1.9 UJ	19 UJ	1.8 UJ	1.9 UJ	1.9 UJ
Bis(2-chloroethoxy)methane	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Bis(2-chloroethyl) ether	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Bis(2-chloroisopropyl) ether	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Bis(2-ethylhexyl)phthalate	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.1 J	0.38 UJ
Butyl benzyl phthalate	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Carbazole	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Chrysene	0.072 J	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.095 J	0.38 UJ
Di-n-butyl phthalate	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Di-n-octylphthalate	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ

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
Station	**LL3-088**	**LL3-097**	**LL3-097**	**LL3-099**	**LL3-101**	**LL3-103**	**LL3-105**
Sample ID	**LL30778**	**LL30799**	**LL31119**	**LL30805**	**LL30811**	**LL30817**	**LL30823**
Customer ID	**LL3ss-088-0778-SO**	**LL3ss-097-0799-SO**	**LL3ss-097-1119-SO**	**LL3ss-099-0805-SO**	**LL3ss-101-0811-SO**	**LL3ss-103-0817-SO**	**LL3ss-105-0823-SO**
Date	**08/06/2001**	**08/07/2001**	**08/07/2001**	**08/07/2001**	**08/11/2001**	**08/07/2001**	**08/08/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)							
Dibenz(a,h)anthracene	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Dibenzofuran	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Diethyl phthalate	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Dimethyl phthalate	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Fluoranthene	0.1 J	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.098 J	0.38 UJ
Fluorene	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Hexachlorobenzene	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Hexachlorobutadiene	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Hexachlorocyclopentadiene	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Hexachloroethane	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Indeno(1,2,3-cd)pyrene	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Isophorone	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
N-Nitroso-di-n-propylamine	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
N-Nitrosodiphenylamine	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Naphthalene	0.38 UJ	0.36 UJ	0.39 UJ	4 U	0.37 UJ	0.39 UJ	0.38 UJ
Nitrobenzene	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Pentachlorophenol	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 R
Phenanthrene	0.068 J	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Phenol	0.38 UJ	0.36 UJ	0.39 UJ	4 UJ	0.37 UJ	0.39 UJ	0.38 UJ
Pyrene	0.12 J	0.36 UJ	0.39 UJ	4 UJ	0.058 J	0.12 J	0.38 UJ

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
Station	**LL3-114**	**LL3-117**	**LL3-121**	**LL3-127**	**LL3-127**	**LL3-132**	**LL3-135**
Sample ID	**LL30842**	**LL30851**	**LL30863**	**LL30875**	**LL31123**	**LL30890**	**LL30899**
Customer ID	**LL3ss-114-0842-SO**	**LL3ss-117-0851-SO**	**LL3ss-121-0863-SO**	**LL3ss-127-0875-SO**	**LL3ss-127-1123-SO**	**LL3ss-132-0890-SO**	**LL3ss-135-0899-SO**
Date	**08/08/2001**	**08/06/2001**	**08/06/2001**	**08/07/2001**	**08/07/2001**	**08/10/2001**	**08/10/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**
Analyte (mg/kg)							
1,2,4-Trichlorobenzene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
1,2-Dichlorobenzene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
1,3-Dichlorobenzene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
1,4-Dichlorobenzene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
2,4,5-Trichlorophenol	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
2,4,6-Trichlorophenol	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
2,4-Dichlorophenol	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
2,4-Dimethylphenol	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
2,4-Dinitrophenol	0.91 UJ	0.95 UJ	0.93 UJ	0.95 UJ	0.95 UJ	0.93 UJ	0.9 UJ
2,4-Dinitrotoluene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
2,6-Dinitrotoluene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
2-Chloronaphthalene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
2-Chlorophenol	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
2-Methyl-4,6-dinitrophenol	0.91 UJ	0.95 UJ	0.93 UJ	0.95 UJ	0.95 UJ	0.93 UJ	0.9 UJ
2-Methylnaphthalene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
2-Methylphenol	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
2-Nitrobenzenamine	0.91 UJ	0.95 UJ	0.93 UJ	0.95 UJ	0.95 UJ	0.93 UJ	0.9 UJ
2-Nitrophenol	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
3,3'-Dichlorobenzidine	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
3-Nitrobenzenamine	0.91 UJ	0.95 UJ	0.93 UJ	0.95 UJ	0.95 UJ	0.93 UJ	0.9 UJ
4-Bromophenyl phenyl ether	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
4-Chloro-3-methylphenol	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
4-Chlorobenzenamine	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ

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
Station	**LL3-114**	**LL3-117**	**LL3-121**	**LL3-127**	**LL3-127**	**LL3-132**	**LL3-135**
Sample ID	**LL30842**	**LL30851**	**LL30863**	**LL30875**	**LL31123**	**LL30890**	**LL30899**
Customer ID	**LL3ss-114-0842-SO**	**LL3ss-117-0851-SO**	**LL3ss-121-0863-SO**	**LL3ss-127-0875-SO**	**LL3ss-127-1123-SO**	**LL3ss-132-0890-SO**	**LL3ss-135-0899-SO**
Date	**08/08/2001**	**08/06/2001**	**08/06/2001**	**08/07/2001**	**08/07/2001**	**08/10/2001**	**08/10/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**
Analyte (mg/kg)							
4-Chlorophenyl phenyl ether	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
4-Methylphenol	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
4-Nitrobenzenamine	0.91 UJ	0.95 UJ	0.93 UJ	0.95 UJ	0.95 UJ	0.93 UJ	0.9 UJ
4-Nitrophenol	0.91 R	0.95 UJ	0.93 UJ	0.95 UJ	0.95 UJ	0.93 UJ	0.9 UJ
Acenaphthene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Acenaphthylene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Anthracene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Benz(a)anthracene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.073 J
Benzenemethanol	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Benzo(a)pyrene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.078 J
Benzo(b)fluoranthene	0.37 UJ	0.08 J	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.13 J
Benzo(ghi)perylene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Benzo(k)fluoranthene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Benzoic acid	1.8 UJ	1.9 UJ	1.9 UJ	1.9 UJ	0.19 J	1.9 UJ	1.8 UJ
Bis(2-chloroethoxy)methane	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Bis(2-chloroethyl) ether	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Bis(2-chloroisopropyl) ether	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Bis(2-ethylhexyl)phthalate	0.37 UJ	0.12 J	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Butyl benzyl phthalate	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Carbazole	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Chrysene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.082 J
Di-n-butyl phthalate	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Di-n-octylphthalate	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ

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
Station	**LL3-114**	**LL3-117**	**LL3-121**	**LL3-127**	**LL3-127**	**LL3-132**	**LL3-135**
Sample ID	**LL30842**	**LL30851**	**LL30863**	**LL30875**	**LL31123**	**LL30890**	**LL30899**
Customer ID	**LL3ss-114-0842-SO**	**LL3ss-117-0851-SO**	**LL3ss-121-0863-SO**	**LL3ss-127-0875-SO**	**LL3ss-127-1123-SO**	**LL3ss-132-0890-SO**	**LL3ss-135-0899-SO**
Date	**08/08/2001**	**08/06/2001**	**08/06/2001**	**08/07/2001**	**08/07/2001**	**08/10/2001**	**08/10/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**	**Grab**
Analyte (mg/kg)							
Dibenz(a,h)anthracene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Dibenzofuran	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Diethyl phthalate	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Dimethyl phthalate	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Fluoranthene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.11 J
Fluorene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Hexachlorobenzene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Hexachlorobutadiene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Hexachlorocyclopentadiene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Hexachloroethane	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Indeno(1,2,3-cd)pyrene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Isophorone	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
N-Nitroso-di-n-propylamine	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
N-Nitrosodiphenylamine	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Naphthalene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Nitrobenzene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Pentachlorophenol	0.37 R	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Phenanthrene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Phenol	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	0.37 UJ
Pyrene	0.37 UJ	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.38 UJ	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	Perimeter Area Aggregate
Station	LL3-136	LL3-138	LL3-139	LL3-140	LL3-142	LL3-142	LL3-152
Sample ID	LL30902	LL30908	LL30911	LL30914	LL30918	LL31120	LL30948
Customer ID	LL3ss-136-0902-SO	LL3ss-138-0908-SO	LL3ss-139-0911-SO	LL3ss-140-0914-SO	LL3ss-142-0918-SO	LL3ss-142-1120-SO	LL3ss-152-0948-SO
Date	08/10/2001	08/10/2001	08/11/2001	08/11/2001	08/09/2001	08/09/2001	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	Field Duplicate	Grab
Analyte (mg/kg)							
1,2,4-Trichlorobenzene	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
1,2-Dichlorobenzene	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
1,3-Dichlorobenzene	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
1,4-Dichlorobenzene	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
2,4,5-Trichlorophenol	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
2,4,6-Trichlorophenol	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
2,4-Dichlorophenol	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
2,4-Dimethylphenol	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
2,4-Dinitrophenol	0.94 UJ	0.91 UJ	0.94 UJ	0.96 UJ	0.85 UJ	0.85 UJ	0.92 UJ
2,4-Dinitrotoluene	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
2,6-Dinitrotoluene	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
2-Chloronaphthalene	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
2-Chlorophenol	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
2-Methyl-4,6-dinitrophenol	0.94 UJ	0.91 UJ	0.94 UJ	0.96 UJ	0.85 UJ	0.85 UJ	0.92 UJ
2-Methylnaphthalene	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
2-Methylphenol	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
2-Nitrobenzenamine	0.94 UJ	0.91 UJ	0.94 UJ	0.96 UJ	0.85 UJ	0.85 UJ	0.92 UJ
2-Nitrophenol	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
3,3'-Dichlorobenzidine	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
3-Nitrobenzenamine	0.94 UJ	0.91 UJ	0.94 UJ	0.96 UJ	0.85 UJ	0.85 UJ	0.92 UJ
4-Bromophenyl phenyl ether	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
4-Chloro-3-methylphenol	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
4-Chlorobenzenamine	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ

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	Perimeter Area Aggregate
Station	LL3-136	LL3-138	LL3-139	LL3-140	LL3-142	LL3-142	LL3-152
Sample ID	LL30902	LL30908	LL30911	LL30914	LL30918	LL31120	LL30948
Customer ID	LL3ss-136-0902-SO	LL3ss-138-0908-SO	LL3ss-139-0911-SO	LL3ss-140-0914-SO	LL3ss-142-0918-SO	LL3ss-142-1120-SO	LL3ss-152-0948-SO
Date	08/10/2001	08/10/2001	08/11/2001	08/11/2001	08/09/2001	08/09/2001	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	Field Duplicate	Grab
Analyte (mg/kg)							
4-Chlorophenyl phenyl ether	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
4-Methylphenol	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
4-Nitrobenzenamine	0.94 UJ	0.91 UJ	0.94 UJ	0.96 UJ	0.85 UJ	0.85 UJ	0.92 UJ
4-Nitrophenol	0.94 UJ	0.91 UJ	0.94 UJ	0.96 UJ	0.85 UJ	0.85 UJ	0.92 UJ
Acenaphthene	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
Acenaphthylene	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
Anthracene	0.086 J	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.15 J
Benz(a)anthracene	0.54 J	0.11 J	0.39 UJ	0.39 UJ	0.45 J	0.19 J	0.69 J
Benzenemethanol	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
Benzo(a)pyrene	0.53 J	0.12 J	0.39 UJ	0.39 UJ	0.61 J	0.25 J	0.7 J
Benzo(b)fluoranthene	0.76 J	0.16 J	0.39 UJ	0.39 UJ	0.96 J	0.48 J	0.98 J
Benzo(ghi)perylene	0.24 J	0.067 J	0.39 UJ	0.39 UJ	0.32 J	0.19 J	0.36 J
Benzo(k)fluoranthene	0.3 J	0.064 J	0.39 UJ	0.39 UJ	0.39 J	0.15 J	0.35 J
Benzoic acid	1.9 UJ	1.8 UJ	1.9 UJ	1.9 UJ	1.7 UJ	1.7 UJ	1.8 UJ
Bis(2-chloroethoxy)methane	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
Bis(2-chloroethyl) ether	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
Bis(2-chloroisopropyl) ether	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
Bis(2-ethylhexyl)phthalate	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
Butyl benzyl phthalate	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
Carbazole	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
Chrysene	0.51 J	0.12 J	0.39 UJ	0.39 UJ	0.48 J	0.23 J	0.76 J
Di-n-butyl phthalate	0.27 J	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
Di-n-octylphthalate	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ

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	Perimeter Area Aggregate
Station	**LL3-136**	**LL3-138**	**LL3-139**	**LL3-140**	**LL3-142**	**LL3-142**	**LL3-152**
Sample ID	**LL30902**	**LL30908**	**LL30911**	**LL30914**	**LL30918**	**LL31120**	**LL30948**
Customer ID	**LL3ss-136-0902-SO**	**LL3ss-138-0908-SO**	**LL3ss-139-0911-SO**	**LL3ss-140-0914-SO**	**LL3ss-142-0918-SO**	**LL3ss-142-1120-SO**	**LL3ss-152-0948-SO**
Date	**08/10/2001**	**08/10/2001**	**08/11/2001**	**08/11/2001**	**08/09/2001**	**08/09/2001**	**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**	**Field Duplicate**	**Grab**
Analyte (mg/kg)							
Dibenz(a,h)anthracene	0.069 J	0.38 UJ	0.39 UJ	0.39 UJ	0.083 J	0.35 UJ	0.097 J
Dibenzofuran	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
Diethyl phthalate	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
Dimethyl phthalate	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
Fluoranthene	0.78 J	0.24 J	0.39 UJ	0.39 UJ	0.78 J	0.36 J	1.2 J
Fluorene	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.055 J	0.35 UJ	0.38 UJ
Hexachlorobenzene	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
Hexachlorobutadiene	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
Hexachlorocyclopentadiene	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
Hexachloroethane	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
Indeno(1,2,3-cd)pyrene	0.24 J	0.38 UJ	0.39 UJ	0.39 UJ	0.32 J	0.18 J	0.35 J
Isophorone	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
N-Nitroso-di-n-propylamine	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
N-Nitrosodiphenylamine	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
Naphthalene	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
Nitrobenzene	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
Pentachlorophenol	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
Phenanthrene	0.19 J	0.13 J	0.39 UJ	0.39 UJ	0.17 J	0.11 J	0.5 J
Phenol	0.39 UJ	0.38 UJ	0.39 UJ	0.39 UJ	0.35 UJ	0.35 UJ	0.38 UJ
Pyrene	0.63 J	0.25 J	0.39 UJ	0.39 UJ	0.89 J	0.43 J	1.2 J

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

Location	Explosives Handling Areas Aggregate	Perimeter Area Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate
Station	**LL3-153**	**LL3-177**	**LL3-182**	**LL3-183**	**LL3-184**	**LL3-185**
Sample ID	**LL30951**	**LL31003**	**LL31008**	**LL31009**	**LL31010**	**LL31011**
Customer ID	**LL3ss-153-0951-SO**	**LL3ss-177-1003-SO**	**LL3ss-182-1008-SO**	**LL3ss-183-1009-SO**	**LL3ss-184-1010-SO**	**LL3ss-185-1011-SO**
Date	**08/13/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**
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)						
1,2,4-Trichlorobenzene	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
1,2-Dichlorobenzene	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
1,3-Dichlorobenzene	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
1,4-Dichlorobenzene	0.37 UJ	0.37 UJ	0.38 UJ	0.37 U	0.37 UJ	0.39 UJ
2,4,5-Trichlorophenol	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
2,4,6-Trichlorophenol	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
2,4-Dichlorophenol	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
2,4-Dimethylphenol	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
2,4-Dinitrophenol	0.89 UJ	0.89 UJ	0.92 UJ	0.9 UJ	0.89 UJ	0.94 UJ
2,4-Dinitrotoluene	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
2,6-Dinitrotoluene	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
2-Chloronaphthalene	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
2-Chlorophenol	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
2-Methyl-4,6-dinitrophenol	0.89 UJ	0.89 UJ	0.92 UJ	0.9 UJ	0.89 UJ	0.94 UJ
2-Methylnaphthalene	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
2-Methylphenol	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
2-Nitrobenzenamine	0.89 UJ	0.89 UJ	0.92 UJ	0.9 UJ	0.89 UJ	0.94 UJ
2-Nitrophenol	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
3,3'-Dichlorobenzidine	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
3-Nitrobenzenamine	0.89 UJ	0.89 UJ	0.92 UJ	0.9 UJ	0.89 UJ	0.94 UJ
4-Bromophenyl phenyl ether	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
4-Chloro-3-methylphenol	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
4-Chlorobenzenamine	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ

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

Location	Explosives Handling Areas Aggregate	Perimeter Area Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate
Station	**LL3-153**	**LL3-177**	**LL3-182**	**LL3-183**	**LL3-184**	**LL3-185**
Sample ID	**LL30951**	**LL31003**	**LL31008**	**LL31009**	**LL31010**	**LL31011**
Customer ID	**LL3ss-153-0951-SO**	**LL3ss-177-1003-SO**	**LL3ss-182-1008-SO**	**LL3ss-183-1009-SO**	**LL3ss-184-1010-SO**	**LL3ss-185-1011-SO**
Date	**08/13/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**
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-Chlorophenyl phenyl ether	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
4-Methylphenol	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
4-Nitrobenzenamine	0.89 UJ	0.89 UJ	0.92 UJ	0.9 UJ	0.89 UJ	0.94 UJ
4-Nitrophenol	0.89 UJ	0.89 UJ	0.92 UJ	0.9 UJ	0.89 UJ	0.94 UJ
Acenaphthene	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Acenaphthylene	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Anthracene	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Benz(a)anthracene	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Benzenemethanol	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Benzo(a)pyrene	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Benzo(b)fluoranthene	0.091 J	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.079 J
Benzo(ghi)perylene	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Benzo(k)fluoranthene	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Benzoic acid	1.8 UJ	1.8 UJ	1.8 UJ	1.8 UJ	1.8 UJ	1.9 UJ
Bis(2-chloroethoxy)methane	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Bis(2-chloroethyl) ether	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Bis(2-chloroisopropyl) ether	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Bis(2-ethylhexyl)phthalate	0.062 J	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Butyl benzyl phthalate	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Carbazole	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Chrysene	0.069 J	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.075 J
Di-n-butyl phthalate	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Di-n-octylphthalate	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ

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

Location	Explosives Handling Areas Aggregate	Perimeter Area Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate
Station	**LL3-153**	**LL3-177**	**LL3-182**	**LL3-183**	**LL3-184**	**LL3-185**
Sample ID	**LL30951**	**LL31003**	**LL31008**	**LL31009**	**LL31010**	**LL31011**
Customer ID	**LL3ss-153-0951-SO**	**LL3ss-177-1003-SO**	**LL3ss-182-1008-SO**	**LL3ss-183-1009-SO**	**LL3ss-184-1010-SO**	**LL3ss-185-1011-SO**
Date	**08/13/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**	**08/10/2001**
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)						
Dibenz(a,h)anthracene	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Dibenzofuran	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Diethyl phthalate	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Dimethyl phthalate	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Fluoranthene	0.096 J	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.073 J
Fluorene	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Hexachlorobenzene	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Hexachlorobutadiene	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Hexachlorocyclopentadiene	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Hexachloroethane	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Indeno(1,2,3-cd)pyrene	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Isophorone	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
N-Nitroso-di-n-propylamine	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
N-Nitrosodiphenylamine	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Naphthalene	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Nitrobenzene	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Pentachlorophenol	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Phenanthrene	0.063 J	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Phenol	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.39 UJ
Pyrene	0.092 J	0.37 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.08 J

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

Table I-5. Surface Soil Volatile Organic Compounds

Location	Perimeter Area Aggregate	Perimeter Area Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL3-055**	**LL3-056**	**LL3-057**	**LL3-057**	**LL3-059**
Sample ID	**LL30687**	**LL30690**	**LL30693**	**LL31121**	**LL30699**
Customer ID	**LL3ss-055-0687-SO**	**LL3ss-056-0690-SO**	**LL3ss-057-0693-SO**	**LL3ss-057-1121-SO**	**LL3ss-059-0699-SO**
Date	**08/10/2001**	**08/10/2001**	**07/31/2001**	**07/31/2001**	**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)					
1,1,1-Trichloroethane	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
1,1,2,2-Tetrachloroethane	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
1,1,2-Trichloroethane	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
1,1-Dichloroethane	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
1,1-Dichloroethene	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
1,2-Dibromoethane	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
1,2-Dichloroethane	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
1,2-Dichloroethene	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
1,2-Dichloropropane	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
2-Butanone	0.021 UJ	0.022 U	0.022 U	0.022 U	0.021 U
2-Hexanone	0.021 U	0.022 U	0.022 U	0.022 U	0.021 U
4-Methyl-2-pentanone	0.021 U	0.022 U	0.022 U	0.022 U	0.021 U
Acetone	0.021 UJ	0.022 UJ	0.022 U	0.022 U	0.021 U
Benzene	0.0019 J	0.0055 U	0.0055 U	0.0055 U	0.0053 U
Bromochloromethane	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
Bromodichloromethane	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
Bromoform	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
Bromomethane	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
Carbon disulfide	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
Carbon tetrachloride	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
Chlorobenzene	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
Chloroethane	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
Chloroform	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
Chloromethane	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
Dibromochloromethane	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
Dimethylbenzene	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
Ethylbenzene	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
Methylene chloride	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
Styrene	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
Tetrachloroethene	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
Toluene	0.0094 =	0.0055 U	0.0055 U	0.0055 U	0.00076 J
Trichloroethene	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
Vinyl chloride	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
cis-1,3-Dichloropropene	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 U
trans-1,3-Dichloropropene	0.0053 U	0.0055 U	0.0055 U	0.0055 U	0.0053 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	Packaging and Shipping Areas Aggregate
Station	LL3-063	LL3-064	LL3-066	LL3-070	LL3-074
Sample ID	LL30707	LL30710	LL30716	LL30724	LL30736
Customer ID	LL3ss-063-0707-SO	LL3ss-064-0710-SO	LL3ss-066-0716-SO	LL3ss-070-0724-SO	LL3ss-074-0736-SO
Date	07/31/2001	07/31/2001	08/08/2001	08/08/2001	08/09/2001
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	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
1,1,2,2-Tetrachloroethane	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
1,1,2-Trichloroethane	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
1,1-Dichloroethane	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
1,1-Dichloroethene	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
1,2-Dibromoethane	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
1,2-Dichloroethane	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
1,2-Dichloroethene	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
1,2-Dichloropropane	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
2-Butanone	0.022 U	0.023 U	0.023 U	0.013 J	0.024 U
2-Hexanone	0.022 U	0.023 U	0.023 U	0.023 U	0.024 U
4-Methyl-2-pentanone	0.022 U	0.023 U	0.023 U	0.023 U	0.024 U
Acetone	0.022 U	0.023 U	0.023 UJ	0.21 J	0.024 UJ
Benzene	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
Bromochloromethane	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
Bromodichloromethane	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
Bromoform	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
Bromomethane	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
Carbon disulfide	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
Carbon tetrachloride	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
Chlorobenzene	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
Chloroethane	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
Chloroform	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
Chloromethane	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
Dibromochloromethane	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
Dimethylbenzene	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
Ethylbenzene	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
Methylene chloride	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
Styrene	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
Tetrachloroethene	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
Toluene	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
Trichloroethene	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
Vinyl chloride	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
cis-1,3-Dichloropropene	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U
trans-1,3-Dichloropropene	0.0055 U	0.0057 U	0.0057 U	0.0057 U	0.0059 U

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

Location	Packaging and Shipping Areas Aggregate	Preparation and Receiving Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL3-074**	**LL3-080**	**LL3-083**	**LL3-086**	**LL3-088**
Sample ID	**LL31124**	**LL30754**	**LL30763**	**LL30772**	**LL30778**
Customer ID	**LL3ss-074-1124-SO**	**LL3ss-080-0754-SO**	**LL3ss-083-0763-SO**	**LL3ss-086-0772-SO**	**LL3ss-088-0778-SO**
Date	**08/09/2001**	**08/10/2001**	**08/06/2001**	**08/06/2001**	**08/06/2001**
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	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
1,1,2,2-Tetrachloroethane	0.006 U	0.0057 U	0.0059 U	0.0057 UJ	0.0058 U
1,1,2-Trichloroethane	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
1,1-Dichloroethane	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
1,1-Dichloroethene	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
1,2-Dibromoethane	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
1,2-Dichloroethane	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
1,2-Dichloroethene	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
1,2-Dichloropropane	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
2-Butanone	0.024 U	0.023 UJ	0.024 U	0.023 U	0.023 U
2-Hexanone	0.024 U	0.023 U	0.024 U	0.023 U	0.023 U
4-Methyl-2-pentanone	0.024 U	0.023 U	0.024 U	0.023 U	0.023 U
Acetone	0.024 UJ	0.023 UJ	0.024 U	0.023 U	0.023 U
Benzene	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Bromochloromethane	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Bromodichloromethane	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Bromoform	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Bromomethane	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Carbon disulfide	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Carbon tetrachloride	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Chlorobenzene	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Chloroethane	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Chloroform	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Chloromethane	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0051 J
Dibromochloromethane	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Dimethylbenzene	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Ethylbenzene	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Methylene chloride	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Styrene	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Tetrachloroethene	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Toluene	0.006 U	0.0057 U	0.00066 J	0.0028 J	0.0058 U
Trichloroethene	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Vinyl chloride	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
cis-1,3-Dichloropropene	0.006 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
trans-1,3-Dichloropropene	0.006 U	0.0057 U	0.0059 U	0.0057 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	**LL3-097**	**LL3-097**	**LL3-099**	**LL3-101**	**LL3-103**
Sample ID	**LL30799**	**LL31119**	**LL30805**	**LL30811**	**LL30817**
Customer ID	**LL3ss-097-0799-SO**	**LL3ss-097-1119-SO**	**LL3ss-099-0805-SO**	**LL3ss-101-0811-SO**	**LL3ss-103-0817-SO**
Date	**08/07/2001**	**08/07/2001**	**08/07/2001**	**08/11/2001**	**08/07/2001**
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	0.0055 U	0.0059 U	0.006 U	0.0056 UJ	0.0059 U
1,1,2,2-Tetrachloroethane	0.0055 U	0.0059 U	0.006 U	0.0056 U	0.0059 U
1,1,2-Trichloroethane	0.0055 U	0.0059 U	0.006 U	0.0056 UJ	0.0059 U
1,1-Dichloroethane	0.0055 U	0.0059 U	0.006 U	0.0056 UJ	0.0059 U
1,1-Dichloroethene	0.0055 U	0.0059 U	0.006 U	0.0056 UJ	0.0059 U
1,2-Dibromoethane	0.0055 U	0.0059 U	0.006 U	0.0056 UJ	0.0059 U
1,2-Dichloroethane	0.0055 U	0.0059 U	0.006 U	0.0056 UJ	0.0059 U
1,2-Dichloroethene	0.0055 U	0.0059 U	0.006 U	0.0056 UJ	0.0059 U
1,2-Dichloropropane	0.0055 U	0.0059 U	0.006 U	0.0056 UJ	0.0059 U
2-Butanone	0.022 U	0.024 U	0.024 U	0.022 UJ	0.023 U
2-Hexanone	0.022 U	0.024 U	0.024 U	0.022 UJ	0.023 U
4-Methyl-2-pentanone	0.022 U	0.024 U	0.024 U	0.022 UJ	0.023 U
Acetone	0.022 U	0.024 U	0.024 U	0.034 J	0.023 U
Benzene	0.0055 U	0.0059 U	0.006 U	0.0056 UJ	0.0059 U
Bromochloromethane	0.0055 U	0.0059 U	0.006 U	0.0056 UJ	0.0059 U
Bromodichloromethane	0.0055 U	0.0059 U	0.006 U	0.0056 UJ	0.0059 U
Bromoform	0.0055 U	0.0059 U	0.006 U	0.0056 UJ	0.0059 U
Bromomethane	0.0055 U	0.0059 U	0.006 U	0.0056 UJ	0.0059 U
Carbon disulfide	0.0055 U	0.0059 U	0.006 U	0.0056 UJ	0.0059 U
Carbon tetrachloride	0.0055 U	0.0059 U	0.006 U	0.0056 UJ	0.0059 U
Chlorobenzene	0.0055 U	0.0059 U	0.006 U	0.0056 U	0.0059 U
Chloroethane	0.0055 U	0.0059 U	0.006 U	0.0056 UJ	0.0059 U
Chloroform	0.0055 U	0.0059 U	0.006 U	0.0056 UJ	0.0059 U
Chloromethane	0.0055 U	0.0059 U	0.006 U	0.0056 UJ	0.0059 U
Dibromochloromethane	0.0055 U	0.0059 U	0.006 U	0.0056 UJ	0.0059 U
Dimethylbenzene	0.0055 U	0.0059 U	0.006 U	0.0056 U	0.0059 U
Ethylbenzene	0.0055 U	0.0059 U	0.006 U	0.0056 U	0.0059 U
Methylene chloride	0.0055 U	0.0059 U	0.006 U	0.0056 UJ	0.0059 U
Styrene	0.0055 U	0.0059 U	0.006 U	0.0056 U	0.0059 U
Tetrachloroethene	0.0055 U	0.0059 U	0.006 U	0.0056 U	0.0059 U
Toluene	0.00085 J	0.0059 U	0.006 U	0.0056 U	0.0059 U
Trichloroethene	0.0055 U	0.0059 U	0.006 U	0.0056 UJ	0.0059 U
Vinyl chloride	0.0055 U	0.0059 U	0.006 U	0.0056 UJ	0.0059 U
cis-1,3-Dichloropropene	0.0055 U	0.0059 U	0.006 U	0.0056 UJ	0.0059 U
trans-1,3-Dichloropropene	0.0055 U	0.0059 U	0.006 U	0.0056 UJ	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	LL3-105	LL3-114	LL3-117	LL3-121	LL3-127
Sample ID	LL30823	LL30842	LL30851	LL30863	LL30875
Customer ID	LL3ss-105-0823-SO	LL3ss-114-0842-SO	LL3ss-117-0851-SO	LL3ss-121-0863-SO	LL3ss-127-0875-SO
Date	08/08/2001	08/08/2001	08/06/2001	08/06/2001	08/07/2001
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	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
1,1,2,2-Tetrachloroethane	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
1,1,2-Trichloroethane	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
1,1-Dichloroethane	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
1,1-Dichloroethene	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
1,2-Dibromoethane	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
1,2-Dichloroethane	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
1,2-Dichloroethene	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
1,2-Dichloropropane	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
2-Butanone	0.023 U	0.023 U	0.024 U	0.023 U	0.024 U
2-Hexanone	0.023 U	0.023 U	0.024 U	0.023 U	0.024 U
4-Methyl-2-pentanone	0.023 U	0.023 U	0.024 U	0.023 U	0.024 U
Acetone	0.023 UJ	0.023 UJ	0.024 U	0.023 U	0.024 UJ
Benzene	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
Bromochloromethane	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
Bromodichloromethane	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
Bromoform	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
Bromomethane	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
Carbon disulfide	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
Carbon tetrachloride	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
Chlorobenzene	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
Chloroethane	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
Chloroform	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
Chloromethane	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
Dibromochloromethane	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
Dimethylbenzene	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
Ethylbenzene	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
Methylene chloride	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
Styrene	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
Tetrachloroethene	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
Toluene	0.0058 U	0.0057 U	0.0061 J	0.001 J	0.002 J
Trichloroethene	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
Vinyl chloride	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
cis-1,3-Dichloropropene	0.0058 U	0.0057 U	0.0059 U	0.0058 U	0.0059 U
trans-1,3-Dichloropropene	0.0058 U	0.0057 U	0.0059 U	0.0058 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	Preparation and Receiving Areas Aggregate	Preparation and Receiving Areas Aggregate
Station	LL3-127	LL3-132	LL3-135	LL3-137	LL3-138
Sample ID	LL31123	LL30890	LL30899	LL30905	LL30908
Customer ID	LL3ss-127-1123-SO	LL3ss-132-0890-SO	LL3ss-135-0899-SO	LL3ss-137-0905-SO	LL3ss-138-0908-SO
Date	08/07/2001	08/10/2001	08/10/2001	08/10/2001	08/10/2001
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	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
1,1,2,2-Tetrachloroethane	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
1,1,2-Trichloroethane	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
1,1-Dichloroethane	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
1,1-Dichloroethene	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
1,2-Dibromoethane	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
1,2-Dichloroethane	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
1,2-Dichloroethene	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
1,2-Dichloropropane	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
2-Butanone	0.024 U	0.023 UJ	0.022 UJ	0.024 UJ	0.023 U
2-Hexanone	0.024 U	0.023 U	0.022 U	0.024 U	0.023 U
4-Methyl-2-pentanone	0.024 U	0.023 U	0.022 U	0.024 U	0.023 U
Acetone	0.024 UJ	0.023 UJ	0.022 UJ	0.024 UJ	0.023 UJ
Benzene	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
Bromochloromethane	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
Bromodichloromethane	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
Bromoform	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
Bromomethane	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
Carbon disulfide	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
Carbon tetrachloride	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
Chlorobenzene	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
Chloroethane	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
Chloroform	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
Chloromethane	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
Dibromochloromethane	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
Dimethylbenzene	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
Ethylbenzene	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
Methylene chloride	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
Styrene	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
Tetrachloroethene	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
Toluene	0.0013 J	0.00081 J	0.0043 J	0.0014 J	0.0057 U
Trichloroethene	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
Vinyl chloride	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
cis-1,3-Dichloropropene	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 U
trans-1,3-Dichloropropene	0.0059 U	0.0058 U	0.0056 U	0.006 U	0.0057 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	Perimeter Area Aggregate
Station	**LL3-139**	**LL3-140**	**LL3-142**	**LL3-142**	**LL3-152**
Sample ID	**LL30911**	**LL30914**	**LL30918**	**LL31120**	**LL30948**
Customer ID	**LL3ss-139-0911-SO**	**LL3ss-140-0914-SO**	**LL3ss-142-0918-SO**	**LL3ss-142-1120-SO**	**LL3ss-152-0948-SO**
Date	**08/11/2001**	**08/11/2001**	**08/09/2001**	**08/09/2001**	**08/13/2001**
Depth (ft)	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Field Type	**Grab**	**Grab**	**Grab**	**Field Duplicate**	**Grab**
Analyte (mg/kg)					
1,1,1-Trichloroethane	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
1,1,2,2-Tetrachloroethane	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
1,1,2-Trichloroethane	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
1,1-Dichloroethane	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
1,1-Dichloroethene	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
1,2-Dibromoethane	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
1,2-Dichloroethane	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
1,2-Dichloroethene	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
1,2-Dichloropropane	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
2-Butanone	0.023 UJ	0.0069 J	0.021 U	0.021 U	0.023 U
2-Hexanone	0.023 U	0.024 U	0.021 U	0.021 U	0.023 U
4-Methyl-2-pentanone	0.023 U	0.024 U	0.021 U	0.021 U	0.023 U
Acetone	0.0033 J	0.066 J	0.021 UJ	0.021 UJ	0.023 UJ
Benzene	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
Bromochloromethane	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
Bromodichloromethane	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
Bromoform	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
Bromomethane	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
Carbon disulfide	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
Carbon tetrachloride	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
Chlorobenzene	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
Chloroethane	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
Chloroform	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
Chloromethane	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
Dibromochloromethane	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
Dimethylbenzene	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
Ethylbenzene	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
Methylene chloride	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
Styrene	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
Tetrachloroethene	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
Toluene	0.0011 J	0.006 U	0.0053 U	0.0053 U	0.0057 U
Trichloroethene	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
Vinyl chloride	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
cis-1,3-Dichloropropene	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U
trans-1,3-Dichloropropene	0.0059 U	0.006 U	0.0053 U	0.0053 U	0.0057 U

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

Location	Explosives Handling Areas Aggregate	Perimeter Area Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate	DLA Tanks Aggregate
Station	LL3-153	LL3-177	LL3-182	LL3-183	LL3-184
Sample ID	LL30951	LL31003	LL31008	LL31009	LL31010
Customer ID	LL3ss-153-0951-SO	LL3ss-177-1003-SO	LL3ss-182-1008-SO	LL3ss-183-1009-SO	LL3ss-184-1010-SO
Date	08/13/2001	08/10/2001	08/10/2001	08/10/2001	08/10/2001
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	0.0056 U	0.0057 U	0.0056 U	0.0056 U
1,1,2,2-Tetrachloroethane	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
1,1,2-Trichloroethane	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
1,1-Dichloroethane	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
1,1-Dichloroethene	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
1,2-Dibromoethane	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
1,2-Dichloroethane	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
1,2-Dichloroethene	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
1,2-Dichloropropane	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
2-Butanone	0.022 UJ	0.022 U	0.023 U	0.022 U	0.022 UJ
2-Hexanone	0.022 U	0.022 U	0.023 U	0.022 U	0.022 U
4-Methyl-2-pentanone	0.022 U	0.022 U	0.023 U	0.022 U	0.022 U
Acetone	0.022 UJ	0.022 UJ	0.023 UJ	0.022 UJ	0.022 UJ
Benzene	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
Bromochloromethane	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
Bromodichloromethane	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
Bromoform	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
Bromomethane	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
Carbon disulfide	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
Carbon tetrachloride	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
Chlorobenzene	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
Chloroethane	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
Chloroform	0.0056 U	0.0056 UJ	0.0057 U	0.0056 U	0.0056 U
Chloromethane	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
Dibromochloromethane	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
Dimethylbenzene	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
Ethylbenzene	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
Methylene chloride	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
Styrene	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
Tetrachloroethene	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
Toluene	0.011 =	0.0056 U	0.0057 U	0.0056 U	0.0056 U
Trichloroethene	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
Vinyl chloride	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
cis-1,3-Dichloropropene	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U
trans-1,3-Dichloropropene	0.0056 U	0.0056 U	0.0057 U	0.0056 U	0.0056 U

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

Location	DLA Tanks Aggregate
Station	**LL3-185**
Sample ID	**LL31011**
Customer ID	**LL3ss-185-1011-SO**
Date	**08/10/2001**
Depth (ft)	**0 - 1**
Field Type	**Grab**
Analyte (mg/kg)	
1,1,1-Trichloroethane	0.0058 U
1,1,2,2-Tetrachloroethane	0.0058 U
1,1,2-Trichloroethane	0.0058 U
1,1-Dichloroethane	0.0058 U
1,1-Dichloroethene	0.0058 U
1,2-Dibromoethane	0.0058 U
1,2-Dichloroethane	0.0058 U
1,2-Dichloroethene	0.0058 U
1,2-Dichloropropane	0.0058 U
2-Butanone	0.023 UJ
2-Hexanone	0.023 U
4-Methyl-2-pentanone	0.023 U
Acetone	0.023 UJ
Benzene	0.0058 U
Bromochloromethane	0.0058 U
Bromodichloromethane	0.0058 U
Bromoform	0.0058 U
Bromomethane	0.0058 U
Carbon disulfide	0.0058 U
Carbon tetrachloride	0.0058 U
Chlorobenzene	0.0058 U
Chloroethane	0.0058 U
Chloroform	0.0058 U
Chloromethane	0.0058 U
Dibromochloromethane	0.0058 U
Dimethylbenzene	0.0058 U
Ethylbenzene	0.0058 U
Methylene chloride	0.0058 U
Styrene	0.0058 U
Tetrachloroethene	0.0058 U
Toluene	0.0058 U
Trichloroethene	0.0058 U
Vinyl chloride	0.0058 U
cis-1,3-Dichloropropene	0.0058 U
trans-1,3-Dichloropropene	0.0058 U

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

Table I-6. Subsurface Soil Inorganics

Location	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	Explosives Handling Areas Aggregate
Station	**LL3-055**	**LL3-056**	**LL3-057**	**LL3-058**	**LL3-060**	**LL3-063**	**LL3-065**	**LL3-066**
Sample ID	**LL30688**	**LL30691**	**LL30694**	**LL30697**	**LL30703**	**LL30708**	**LL30714**	**LL30717**
Customer ID	**LL3so-055-0688-SO**	**LL3so-056-0691-SO**	**LL3so-057-0694-SO**	**LL3so-058-0697-SO**	**LL3so-060-0703-SO**	**LL3so-063-0708-SO**	**LL3so-065-0714-SO**	**LL3so-066-0717-SO**
Date	**08/12/2001**	**08/12/2001**	**08/07/2001**	**08/07/2001**	**08/07/2001**	**08/07/2001**	**08/12/2001**	**08/12/2001**
Depth (ft)	**1 - 3**	**1 - 3**	**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	10200 =	13000 =	7160 =	7840 =	9540 =	6750 =	7860 =	8510 =
Antimony	1.1 UJ	1.1 UJ	1.1 UJ	1.2 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
Arsenic	24.2 = *	9.3 =	12 =	11.4 =	11.5 =	11 J	12.9 =	14.7 =
Barium	280 = *	95.6 =	33 =	72.7 =	39.1 =	33.9 J	39.3 =	77.1 =
Beryllium	1.5 = *	0.69 J	0.3 =	0.42 =	0.39 =	0.34 U	0.55 J	1 = *
Cadmium	20.6 = *	0.16 U	0.22 = *	1.4 = *	0.56 U	0.22 = *	0.15 U	0.46 J *
Calcium	32700 =	11000 =	770 =	6130 =	1480 =	1090 J	1700 =	12100 =
Chromium	48 = *	21.2 =	9.8 =	15.3 =	13.6 =	10 =	14.3 =	24.2 =
Cobalt	11 =	5.4 =	8.5 =	7.7 =	5.5 =	5.7 J	7.9 =	9.7 =
Copper	32.4 = *	13 =	20.1 =	22.7 =	18.4 =	17.8 =	14 =	23.5 =
Iron	22300 =	19000 =	18900 =	22800 =	21900 =	15700 J	22800 =	24900 =
Lead	530 = *	18.2 J	11.9 J	70.7 J *	13.5 J	17.4 J	17.9 =	50.8 = *
Magnesium	4810 =	3240 =	2030 =	2460 =	1750 =	1550 =	1860 =	3300 =
Manganese	1610 =	912 =	374 =	465 =	304 =	320 J	441 =	925 =
Mercury	0.043 J	0.032 J	0.014 UJ	0.017 UJ	0.018 UJ	0.01 J	0.11 U	0.018 J
Nickel	36.4 =	13.3 =	15.3 =	15.1 =	14.5 =	13.3 J	18.8 =	31.4 =
Potassium	1000 =	771 =	628 =	705 =	670 =	604 =	700 =	1070 =
Selenium	2.3 U	2.2 U	2.2 U	0.5 J	2.2 U	2.3 U	2.2 U	2.3 U
Silver	0.57 U	0.55 U	0.55 U	0.58 U	0.56 U	0.56 U	0.56 U	0.57 U
Sodium	164 J *	550 U	552 U	580 U	556 U	564 U	557 U	568 U
Thallium	0.35 UJ	0.34 =	0.35 =	0.31 =	0.33 =	0.27 U	0.42 UJ	0.35 UJ
Vanadium	9.7 =	21.5 =	12.4 =	13.5 =	20.5 =	11.4 J	15.2 =	12.9 =
Zinc	379 = *	47 J	60.9 =	158 = *	49.6 =	62.7 =	59 =	90.1 =

Table I-6. Subsurface Soil Inorganics (continued)

Location	Explosives Handling 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	Explosives Handling Areas Aggregate
Station	**LL3-067**	**LL3-080**	**LL3-090**	**LL3-101**	**LL3-102**	**LL3-106**	**LL3-111**	**LL3-111**
Sample ID	**LL30720**	**LL30755**	**LL30785**	**LL30812**	**LL30815**	**LL30827**	**LL30834**	**LL31137**
Customer ID	**LL3so-067-0720-SO**	**LL3so-080-0755-SO**	**LL3so-090-0785-SO**	**LL3so-101-0812-SO**	**LL3so-102-0815-SO**	**LL3so-106-0827-SO**	**LL3so-111-0834-SO**	**LL3so-111-1137-SO**
Date	**08/08/2001**	**08/12/2001**	**08/07/2001**	**08/12/2001**	**08/09/2001**	**08/11/2001**	**08/11/2001**	**08/11/2001**
Depth (ft)	**1 - 3**	**1 - 3**	**1 - 3**	**1 - 3**	**1 - 3**	**1 - 3**	**1 - 3**	**1 - 3**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**
Analyte (mg/kg)								
Aluminum	4640 =	5520 =	6630 =	5880 =	6050 =	7810 =	19000 =	17300 =
Antimony	1.1 UJ	1.2 UJ	1.1 UJ	1.1 UJ	4.2 J *	1.1 UJ	0.73 UJ	0.68 UJ
Arsenic	12.5 =	13.1 =	13.2 =	9 =	14.5 =	23.5 = *	6 =	10.5 =
Barium	141 = *	20.5 =	55.8 =	48.6 =	79.6 =	67.4 =	429 = *	405 = *
Beryllium	0.41 =	0.34 J	0.51 =	0.64 =	0.47 J	0.95 = *	2.6 = *	2.4 = *
Cadmium	2.1 = *	0.58 U	0.39 = *	0.29 J *	1.2 = *	0.48 = *	3.1 = *	3.1 = *
Calcium	2220 =	608 =	2330 =	10400 =	3000 =	1440 J	105000 J *	141000 J *
Chromium	23.4 =	6.9 =	17.2 =	8.4 =	40.4 = *	23.2 J	23.5 J	25.4 J
Cobalt	7.9 =	5.5 =	9.2 =	5.4 =	7.3 =	14.7 =	4 =	3.9 =
Copper	14.4 =	23.7 =	13.9 =	14.2 =	55.1 J *	29.5 =	36 = *	37.5 = *
Iron	17300 J	17200 =	18000 =	15600 =	32800 =	21800 =	18300 =	17200 =
Lead	277 J *	11.2 =	28.5 J *	21.3 = *	149 J *	91.1 J *	233 J *	177 J *
Magnesium	1510 =	1300 =	1660 =	1710 =	1410 =	2310 =	11500 = *	10800 = *
Manganese	454 J	246 =	581 =	626 =	762 =	693 =	2150 =	2280 =
Mercury	0.028 J	0.12 U	0.027 UJ	0.023 J	0.035 J	0.019 J	0.67 = *	0.57 = *
Nickel	25.1 J	12.4 =	18.7 =	13.9 =	22.5 =	35 =	11.6 =	51.8 =
Potassium	656 =	370 J	535 J	787 =	464 J	879 =	1060 =	1080 =
Selenium	0.49 J	2.3 U	0.64 =	2.3 U	2.3 U	2.3 U	2.2 U	2.3 U
Silver	0.54 U	0.58 U	0.57 U	0.56 U	0.56 U	0.56 U	0.56 U	0.58 U
Sodium	544 U	581 U	572 U	565 U	564 U	563 U	387 U	357 J *
Thallium	0.29 =	0.38 UJ	0.33 =	0.38 UJ	0.29 J	0.36 J	0.22 J	0.22 J
Vanadium	9.5 =	9.4 =	13.1 =	9.8 =	11.3 =	14 =	9 =	10.1 =
Zinc	71.5 J	58.4 =	57.9 =	53.2 =	154 = *	144 J *	220 J *	218 J *

Table I-6. 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	Explosives Handling Areas Aggregate
Station	**LL3-117**	**LL3-118**	**LL3-119**	**LL3-132**	**LL3-135**	**LL3-136**	**LL3-137**	**LL3-153**
Sample ID	**LL30852**	**LL30855**	**LL30858**	**LL30891**	**LL30900**	**LL30903**	**LL30906**	**LL30952**
Customer ID	**LL3so-117-0852-SO**	**LL3so-118-0855-SO**	**LL3so-119-0858-SO**	**LL3so-132-0891-SO**	**LL3so-135-0900-SO**	**LL3so-136-0903-SO**	**LL3so-137-0906-SO**	**LL3so-153-0952-SO**
Date	**08/08/2001**	**08/12/2001**	**08/12/2001**	**08/12/2001**	**08/12/2001**	**08/12/2001**	**08/12/2001**	**08/20/2001**
Depth (ft)	**1 - 3**	**1 - 3**	**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	12500 =	12400 =	6410 =	7710 =	7810 =	7570 =	7510 =	10700 =
Antimony	1.2 UJ	1.1 UJ	1.1 UJ	1.2 UJ	1.1 UJ	1.1 UJ	1.2 UJ	1.1 UJ
Arsenic	12.7 =	12.9 =	17.1 =	12.4 =	15.1 =	15.6 =	23.9 = *	8.7 =
Barium	67.7 =	83.7 =	34 =	54.1 =	55 =	55.1 =	44.2 =	103 =
Beryllium	0.46 =	1.1 = *	0.85 =	0.68 =	0.67 =	0.58 =	0.44 J	1.2 = *
Cadmium	0.68 = *	0.38 J *	0.054 J *	0.15 = *	0.11 = *	0.32 J *	0.13 J *	1.4 = *
Calcium	4330 =	13600 =	1390 =	5560 =	4200 =	15800 =	1830 =	34700 =
Chromium	20.7 =	15.6 =	32.8 = *	11.6 =	12.1 =	11.7 =	10.7 =	15.8 =
Cobalt	9.8 =	13.7 =	13 =	7.6 =	7.6 =	7.8 =	6.9 =	4.7 =
Copper	23.1 =	17.9 =	18.9 =	15.7 =	13.6 =	16.4 =	25.3 =	17.4 =
Iron	27900 J	22600 =	20600 =	19400 =	20000 =	19200 =	22300 =	13700 =
Lead	25.5 J *	14.3 =	16.5 =	17.7 =	18.9 =	41.3 = *	23.9 = *	89.1 J *
Magnesium	2300 =	4510 =	2010 =	2240 =	1790 =	2830 =	1950 =	6810 =
Manganese	507 J	590 =	776 =	513 =	620 =	479 =	293 =	946 =
Mercury	0.064 J *	0.029 J	0.013 J	0.12 U	0.032 J	0.013 J	0.12 U	0.011 J
Nickel	17.7 J	24.2 =	48 =	18.8 =	17.5 =	20.3 =	17.2 =	11.2 =
Potassium	859 =	1030 =	958 =	760 =	578 =	739 =	718 =	687 =
Selenium	2.5 U	2.3 U	2.2 U	2.3 U	2.2 U	2.3 U	2.3 U	1 J
Silver	0.61 U	0.57 U	0.56 U	0.58 U	0.55 U	0.57 U	0.58 U	0.57 U
Sodium	613 U	574 U	561 U	575 U	548 U	569 U	581 U	233 J *
Thallium	0.42 =	0.34 UJ	0.38 UJ	0.41 UJ	0.33 UJ	0.35 UJ	0.39 UJ	0.17 R
Vanadium	21.8 =	16.5 =	12.1 =	12.3 =	14.5 =	11.8 =	13.2 =	10.3 =
Zinc	56.9 J	59 =	63.1 =	53.5 =	70.5 =	101 = *	60.9 =	131 = *

Table I-6. Subsurface Soil Inorganics (continued)

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL3-157**	**LL3-226**	**LL3-230**	**LL3-231**
Sample ID	**LL30964**	**LL31097**	**LL31085**	**LL31100**
Customer ID	**LL3so-157-0964-SO**	**LL3so-226-1097-SO**	**LL3so-230-1085-SO**	**LL3so-231-1100-SO**
Date	**08/20/2001**	**08/25/2001**	**08/25/2001**	**08/25/2001**
Depth (ft)	**1 - 3**	**1 - 3**	**1 - 3**	**1 - 3**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)				
Aluminum	7850 =	11100 =	6080 =	9700 =
Antimony	1.1 UJ	1.2 UJ	1.1 UJ	1.2 UJ
Arsenic	15.2 =	18.5 =	11 =	17.4 =
Barium	39.1 =	64.8 =	29.9 =	77.6 =
Beryllium	0.57 =	0.9 = *	0.31 U	0.77 =
Cadmium	0.19 J *	0.19 J *	0.39 J *	0.37 J *
Calcium	2720 =	1300 =	4110 =	7170 =
Chromium	13.1 =	17.8 =	8.6 =	16.4 =
Cobalt	9.9 =	14.9 =	6 =	12.5 =
Copper	18.9 =	26.5 =	16.4 =	21.5 =
Iron	19400 =	24000 =	16300 =	29700 =
Lead	16.8 J	18.4 J	16.9 J	26.7 J *
Magnesium	2030 =	2340 =	2040 =	2100 =
Manganese	487 =	543 =	366 =	1380 =
Mercury	0.0097 J	0.033 J	0.021 J	0.024 J
Nickel	21.7 =	27 =	13.6 =	19.6 =
Potassium	856 =	869 =	559 =	795 =
Selenium	0.43 J	0.61 J	0.54 J	1 J
Silver	0.56 U	0.6 U	0.53 U	0.59 U
Sodium	555 U	600 U	525 U	591 U
Thallium	0.31 R	0.67 J	0.46 J	0.5 J
Vanadium	12.6 =	19.1 =	10.4 =	21.2 =
Zinc	60.1 =	58.6 =	68.2 =	58.4 =

* - exceeds site-wide background criteria.

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

Table I-7. Subsurface Soil Explosives and Propellants

Location	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	Explosives Handling Areas Aggregate
Station	**LL3-055**	**LL3-056**	**LL3-058**	**LL3-063**	**LL3-067**	**LL3-090**	**LL3-101**	**LL3-102**
Sample ID	**LL30688**	**LL30691**	**LL30697**	**LL30708**	**LL30720**	**LL30785**	**LL30812**	**LL30815**
Customer ID	**LL3so-055-0688-SO**	**LL3so-056-0691-SO**	**LL3so-058-0697-SO**	**LL3so-063-0708-SO**	**LL3so-067-0720-SO**	**LL3so-090-0785-SO**	**LL3so-101-0812-SO**	**LL3so-102-0815-SO**
Date	**08/12/2001**	**08/12/2001**	**08/07/2001**	**08/07/2001**	**08/08/2001**	**08/07/2001**	**08/12/2001**	**08/09/2001**
Depth (ft)	**1 - 3**	**1 - 3**	**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)								
1,3,5-Trinitrobenzene	0.61 J	0.91 J	2.9 =	2 =	0.25 U	0.25 U	0.98 =	0.25 U
1,3-Dinitrobenzene	0.082 J	2.5 U	0.25 U	0.75 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	6.2 J	500 =	51 =	240 =	0.54 =	0.25 U	33 =	0.28 =
2,4-Dinitrotoluene	0.71 J	2.5 U	0.86 =	0.38 J	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	1.2 U	2.5 U	0.26 U	0.89 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	7.9 J	4.8 U	1.5 =	3.1 J	0.39 =	0.25 U	1.8 =	0.42 =
2-Nitrotoluene	0.25 U	2.5 U	0.25 U	0.75 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	0.25 U	2.5 U	0.25 U	0.75 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	6.9 J	100 U	11 U	69 U	0.4 =	0.25 U	9.1 U	0.35 =
4-Nitrotoluene	0.25 U	2.5 U	0.25 U	0.75 U	0.25 U	1.1 U	0.25 U	0.25 U
HMX	4.6 J	5 U	0.5 U	1.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Nitrobenzene	0.25 U	2.5 U	0.25 U	0.75 U	0.25 U	0.25 U	0.25 U	0.25 U
Nitroglycerin	2.5 U	25 U	2.5 U	7.5 U	2.5 U	2.5 U	2.5 U	2.5 U
RDX	38 J	5 U	0.5 U	2 U	0.5 U	0.5 U	0.17 J	0.5 U
Tetryl	0.65 U	6.5 U	0.65 U	2 U	0.65 U	0.65 U	0.65 U	0.65 U

Table I-7. Subsurface 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	**LL3-106**	**LL3-111**	**LL3-153**	**LL3-157**	**LL3-226**	**LL3-230**	**LL3-231**
Sample ID	**LL30827**	**LL30834**	**LL30952**	**LL30964**	**LL31097**	**LL31085**	**LL31100**
Customer ID	**LL3so-106-0827-SO**	**LL3so-111-0834-SO**	**LL3so-153-0952-SO**	**LL3so-157-0964-SO**	**LL3so-226-1097-SO**	**LL3so-230-1085-SO**	**LL3so-231-1100-SO**
Date	**08/11/2001**	**08/11/2001**	**08/20/2001**	**08/20/2001**	**08/25/2001**	**08/25/2001**	**08/25/2001**
Depth (ft)	**1 - 3**	**1 - 3**	**1 - 3**	**1 - 3**	**1 - 3**	**1 - 3**	**1 - 3**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)							
1,3,5-Trinitrobenzene	0.25 U	0.39 =	2.2 =	9.3 =	0.091 J	0.15 J	2.3 =
1,3-Dinitrobenzene	0.25 U	0.25 U	0.75 U	1.4 =	0.25 U	0.25 U	0.5 U
2,4,6-Trinitrotoluene	0.31 =	1.5 =	210 =	270 =	1.3 =	0.69 =	120 =
2,4-Dinitrotoluene	0.25 U	0.25 U	0.28 J	1.5 =	0.25 U	0.25 U	0.61 =
2,6-Dinitrotoluene	0.25 U	0.25 U	0.75 U	2 U	0.25 U	0.25 U	0.77 U
2-Amino-4,6-dinitrotoluene	0.14 J	0.82 =	2.3 =	5.8 =	1.4 =	0.82 =	4.6 =
2-Nitrotoluene	0.25 U	0.25 U	0.75 U	1.2 U	0.25 U	0.25 U	0.5 U
3-Nitrotoluene	0.25 U	0.25 U	0.75 U	1.2 U	0.25 U	0.25 U	0.5 U
4-Amino-2,6-dinitrotoluene	0.21 J	1.1 =	20 U	35 U	1.4 =	0.67 =	23 U
4-Nitrotoluene	0.25 U	0.25 U	0.75 U	1.2 U	0.25 U	0.25 U	0.5 U
HMX	0.5 U	0.5 U	1.5 U	3.9 =	0.5 U	0.5 U	1 U
Nitrobenzene	0.25 U	0.15 J	0.75 U	0.65 J	0.25 U	0.25 U	0.5 U
Nitroglycerin	2.5 U	2.5 U	7.5 U	12 U	2.5 U	2.5 U	5 U
RDX	0.5 U	0.5 U	0.85 J	3.3 =	0.5 U	0.5 U	1 U
Tetryl	0.65 U	0.65 U	2 U	3 J	0.65 U	0.65 U	1.3 U

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

Table I-8. Subsurface Soil Pesticides and PCBs

Location	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL3-111**	**LL3-153**	**LL3-157**
Sample ID	**LL30834**	**LL30952**	**LL30964**
Customer ID	**LL3so-111-0834-SO**	**LL3so-153-0952-SO**	**LL3so-157-0964-SO**
Date	**08/11/2001**	**08/20/2001**	**08/20/2001**
Depth (ft)	**1 - 3**	**1 - 3**	**1 - 3**
Field Type	**Grab**	**Grab**	**Grab**
Analyte (mg/kg)			
PCB-1016	3.7 U	0.38 U	0.037 U
PCB-1221	3.7 U	0.38 U	0.037 U
PCB-1232	3.7 U	0.38 U	0.037 U
PCB-1242	3.7 U	0.38 U	0.037 U
PCB-1248	3.7 U	0.38 U	0.037 U
PCB-1254	35 =	4.9 =	0.037 U
PCB-1260	3.7 U	0.38 U	0.037 U

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

Table I-9. Sediment Inorganics

Location	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	Cobb's Pond Tributary Aggregate	Cobb's Pond Tributary Aggregate	Cobb's Pond Tributary Aggregate
Station	LL3-046(p2)	LL3-047(p2)	LL3sd/sw-048(d)	LL3-049(p2)	LL3-050(p2)	LL3sd/sw-051(d)	LL3-052(p2)	LL3-053(p2)
Sample ID	LL31065	LL31069	LL31077	LL31082	LL31084	LL31079	LL31071	LL31073
Customer ID	LL3sd-046-1065-SD	LL3sd-047-1069-SD	LL3sd-048-1077-SD	LL3sd-049-1082-SD	LL3sd-050-1084-SD	LL3sd-051-1079-SD	LL3sd-052-1071-SD	LL3sd-053-1073-SD
Date	08/08/2001	08/08/2001	08/08/2001	08/08/2001	08/08/2001	08/08/2001	08/08/2001	08/08/2001
Depth (ft)	0 - 0.5	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	Grab
Analyte (mg/kg)								
Aluminum	13200 =	7880 =	10000 =	9360 =	11800 =	6590 =	7770 =	9340 =
Antimony	1.2 UJ	1.3 UJ	1.3 UJ	2.1 UJ	1.3 UJ	18.2 J *	1.3 UJ	2.8 UJ
Arsenic	16.5 =	22.3 = *	14.2 =	16.6 =	9.9 =	19 =	8.1 =	5.7 =
Barium	146 = *	70.9 =	72.3 =	185 = *	85.5 =	66 =	58.3 =	87.2 =
Beryllium	1.1 = *	0.79 = *	0.82 = *	1.4 = *	0.84 = *	0.53 J *	0.56 J *	0.57 U
Cadmium	0.39 J *	1.9 = *	0.69 = *	1.5 = *	0.39 J *	3.5 = *	0.43 J *	0.77 J *
Calcium	14500 = *	2970 =	2940 =	9700 = *	10100 = *	2330 =	1280 =	1380 =
Chromium	15.5 J	15.1 =	15.1 J	12.7 J	12.7 J	20.1 = *	10.6 =	12.9 =
Chromium, hexavalent						1.4 R	1.3 R	1.9 R
Cobalt	15.5 = *	11.8 = *	11.1 = *	30.6 = *	6.6 =	15.3 = *	10.4 = *	7.8 =
Copper	15.7 =	26.6 =	17.6 =	10.9 =	14.5 =	222 J *	12.8 J	11.9 J
Cyanide	0.61 U							0.97 U
Iron	26100 =	21200 J	24600 =	26400 =	17000 =	124000 = *	16800 =	15700 =
Lead	18.5 =	42.7 J *	31.1 = *	31.9 = *	29.7 = *	91.6 J *	16.3 J	26.6 J
Magnesium	4110 = *	1280 =	1660 =	1740 =	2640 =	1100 =	1460 =	1530 =
Manganese	2620 = *	1160 J	1240 =	4620 = *	790 =	692 =	374 =	289 =
Mercury	0.028 J	0.054 J	0.048 J	0.23 = *	0.096 J *	0.049 J	0.13 U	0.056 J
Nickel	22.1 = *	30.5 J *	14.5 =	23.6 = *	13 =	42 = *	13.8 =	14.8 =
Potassium	965 =	663 =	708 =	528 J	913 =	450 J	441 J	566 J
Selenium	2.4 U	1.8 = *	0.8 J	5.3 U	0.44 J	5.7 U	2.6 U	0.88 J
Silver	0.61 U	0.32 J *	0.63 U	1.3 U	0.64 U	10.5 = *	0.65 U	0.97 U
Sodium	607 U	634 U	625 U	668 U	635 U	142 J *	652 U	967 U
Thallium	0.32 =	0.35 =	0.26 =	0.33 =	0.27 =	0.32 J	0.25 J	0.31 J
Vanadium	19.6 =	17.9 =	22 =	27.5 = *	16.2 =	14.8 =	14.1 =	15.4 =
Zinc	78.1 =	224 J	179 =	182 =	71.8 =	2190 = *	67.8 =	122 =

Table I-9. Sediment Inorganics (continued)

Location	Cobb's Pond Tributary Aggregate	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL3-156**	**LL3-162**	**LL3-163**	**LL3-216**	**LL3-219**	**LL3-220**	**LL3-221**	**LL3-222**
Sample ID	**LL30960**	**LL30978**	**LL30981**	**LL31064**	**LL31068**	**LL31075**	**LL31081**	**LL31086**
Customer ID	**LL3sd-156-0960-SD**	**LL3sd-162-0978-SD**	**LL3sd-163-0981-SD**	**LL3sd-216-1064-SD**	**LL3sd-219-1068-SD**	**LL3sd-220-1075-SD**	**LL3sd-221-1081-SD**	**LL3sd-222-1086-SD**
Date	**08/08/2001**	**08/13/2001**	**08/13/2001**	**08/07/2001**	**08/07/2001**	**08/07/2001**	**08/07/2001**	**08/07/2001**
Depth (ft)	**0 - 1**	**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**	**Grab**
Analyte (mg/kg)								
Aluminum	11000 =	10800 =	8190 =	7820 =	6750 =	7540 =	6410 =	3230 =
Antimony	1 UJ	1.2 UJ	1.2 UJ	1.2 UJ	177 J *	2.2 UJ	1.2 J *	1.8 J *
Arsenic	11.1 =	14.1 =	12.4 =	13 J	20.7 = *	10.5 =	14.2 =	9.2 J
Barium	51.7 =	70.3 =	64.3 =	57.1 J	111 =	70.7 =	122 =	30.1 J
Beryllium	0.66 = *	0.86 = *	0.71 = *	0.89 = *	0.5 = *	0.45 = *	0.68 = *	0.56 = *
Cadmium	0.2 J *	0.77 = *	0.39 J *	1.5 = *	1.4 = *	2.4 = *	1.2 = *	0.32 = *
Calcium	1370 =	4480 =	2800 =	8340 J *	1760 =	5760 = *	5250 =	3990 J
Chromium	15 =	16 =	11.3 =	22.7 = *	114 = *	18.7 = *	11 =	7 =
Chromium, hexavalent								
Cobalt	10.9 = *	9.8 = *	9.5 = *	7 J	10.9 = *	9.5 = *	11.3 = *	7.3 J
Copper	13.7 J	26.5 =	11.1 =	29.6 = *	1070 = *	72.3 = *	13.9 =	8.2 =
Cyanide							0.6 U	
Iron	26400 =	24700 =	26900 =	25400 J	25200 =	19000 =	20900 =	17500 J
Lead	16.4 J	39 = *	22 =	87.8 J *	873 J *	91.9 J *	19.1 J	11.4 J
Magnesium	1760 =	2140 =	1740 =	1770 =	1580 =	2420 =	1910 =	780 =
Manganese	468 =	752 =	864 =	482 J	213 =	369 =	2380 = *	341 J
Mercury	0.034 J	0.068 J *	0.022 J	0.057 J	0.14 J *	0.053 UJ	0.037 UJ	0.13 U
Nickel	13.1 =	16.5 =	13.5 =	23.3 J *	14.9 =	19 = *	20.9 = *	10.7 J
Potassium	634 =	788 =	637 =	522 J	355 J	614 J	371 J	283 J
Selenium	0.58 J	2.4 U	2.4 U	2.6 = *	3.6 = *	2.2 = *	0.54 J	0.5 J
Silver	0.63 U	0.55 J *	0.61 U	1.5 = *	0.63 U	1.1 U	0.6 U	0.63 U
Sodium	631 U	610 U	608 U	601 U	627 U	1120 U	601 U	626 U
Thallium	0.3 J	0.4 UJ	0.39 UJ	0.26 U	0.44 =	0.4 J	0.32 =	0.24 J
Vanadium	24.4 =	23 =	18.8 =	14.3 J	16.2 =	15.3 =	14.6 =	9 J
Zinc	45.8 =	247 =	313 =	442 =	248 =	455 =	191 =	59.7 =

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

Table I-10. Sediment Explosives and Propellants

Location	Cobb's Pond Tributary Aggregate	Explosives Handling Areas Aggregate	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate
Station	LL3-053(p2)	LL3-220	LL3-047(p2)	LL3sd/sw-048(d)	LL3-050(p2)	LL3-163	LL3-216	LL3-219
Sample ID	LL31073	LL31075	LL31069	LL31077	LL31084	LL30981	LL31064	LL31068
Customer ID	LL3sd-053-1073-SD	LL3sd-220-1075-SD	LL3sd-047-1069-SD	LL3sd-048-1077-SD	LL3sd-050-1084-SD	LL3sd-163-0981-SD	LL3sd-216-1064-SD	LL3sd-219-1068-SD
Date	08/08/2001	08/07/2001	08/08/2001	08/08/2001	08/08/2001	08/13/2001	08/07/2001	08/07/2001
Depth (ft)	0 - 0.5	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	Grab
Analyte (mg/kg)								
1,3,5-Trinitrobenzene	0.25 U	0.25 U	0.25 U	0.45 J	0.25 U		0.25 U	0.25 U
1,3-Dinitrobenzene	0.25 U	0.25 U	0.25 U	0.5 U	0.25 U		0.25 U	0.25 U
2,4,6-Trinitrotoluene	0.65 =	2.7 =	0.65 =	110 =	0.25 U		0.32 =	1.6 =
2,4-Dinitrotoluene	0.25 U	0.25 U	0.25 U	0.5 U	0.25 U		0.25 U	0.047 J
2,6-Dinitrotoluene	0.25 U	0.25 U	0.25 U	0.96 U	0.25 U		0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	0.25 U	5 =	0.29 =	3.2 =	0.25 U		0.12 J	0.36 =
2-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.5 U	0.25 U		0.25 U	0.25 U
3-Nitrotoluene	0.25 U	0.27 U	0.25 U	0.5 U	0.25 U		0.42 U	0.25 U
4-Amino-2,6-dinitrotoluene	0.37 =	6.5 =	0.57 =	27 U	0.25 U		0.23 J	0.82 =
4-Nitrotoluene	0.25 U	1 U	0.25 U	0.5 U	0.26 U		1.2 U	0.25 U
HMX	0.5 U	0.5 U	0.5 U	1 U	0.5 U		0.5 U	0.5 U
Nitrobenzene	0.25 U	0.25 U	0.25 U	0.5 U	0.25 U		0.25 U	0.25 U
Nitrocellulose						2 UJ		
Nitroglycerin	2.5 U	2.5 U	2.5 U	5 U	2.5 U		2.5 U	2.5 U
Nitroguanidine						0.043 J		
RDX	0.5 U	0.5 U	0.5 U	1 U	0.5 U		0.5 U	0.5 U
Tetryl	0.65 U	0.65 U	0.65 U	1.3 U	0.65 U		0.65 U	0.65 U

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

Table I-11. Sediment Pesticides and PCBs

Location	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate
Station	LL3-046(p2)	LL3-047(p2)	LL3sd/sw-048(d)	LL3-049(p2)	LL3-050(p2)
Sample ID	LL31065	LL31069	LL31077	LL31082	LL31084
Customer ID	LL3sd-046-1065-SD	LL3sd-047-1069-SD	LL3sd-048-1077-SD	LL3sd-049-1082-SD	LL3sd-050-1084-SD
Date	08/08/2001	08/08/2001	08/08/2001	08/08/2001	08/08/2001
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	0.021 U	0.043 U	0.11 U	0.11 U	0.011 U
4,4'-DDE	0.021 U	0.13 J	0.11 U	0.11 U	0.053 J
4,4'-DDT	0.021 U	0.043 U	0.11 U	0.11 U	0.011 U
Aldrin	0.021 U	0.043 U	0.11 U	0.11 U	0.011 U
Dieldrin	0.021 U	0.058 J	0.11 U	0.11 U	0.011 U
Endosulfan I	0.021 U	0.043 U	0.11 U	0.11 U	0.011 U
Endosulfan II	0.021 U	0.043 U	0.11 U	0.11 U	0.011 U
Endosulfan sulfate	0.021 U	0.043 U	0.11 U	0.11 U	0.011 U
Endrin	0.021 U	0.043 U	0.11 U	0.11 U	0.011 U
Endrin aldehyde	0.021 U	0.053 J	0.11 U	0.11 U	0.011 U
Endrin ketone	0.021 U	0.043 U	0.11 U	0.11 U	0.019 =
Heptachlor	0.021 U	0.043 U	0.11 UJ	0.11 UJ	0.011 UJ
Heptachlor epoxide	0.021 U	0.043 U	0.11 U	0.11 U	0.011 U
Lindane	0.021 U	0.043 U	0.11 UJ	0.11 UJ	0.011 UJ
Methoxychlor	0.04 U	0.084 U	0.21 U	0.22 U	0.021 U
PCB-1016	0.04 U	0.84 U	0.041 U	0.044 U	0.042 U
PCB-1221	0.04 U	0.84 U	0.041 U	0.044 U	0.042 U
PCB-1232	0.04 U	0.84 U	0.041 U	0.044 U	0.042 U
PCB-1242	0.04 U	0.84 U	0.041 U	0.044 U	0.042 U
PCB-1248	0.04 U	0.84 U	0.041 U	0.044 U	0.042 U
PCB-1254	0.05 J	9 =	0.12 J	0.054 J	0.042 U
PCB-1260	0.04 U	0.84 U	0.041 U	0.044 U	0.042 U
Toxaphene	0.81 U	1.7 U	4.2 U	4.5 U	0.43 U
alpha-BHC	0.021 U	0.043 U	0.11 U	0.11 U	0.011 U
alpha-Chlordane	0.021 U	0.043 U	0.11 U	0.11 U	0.011 U
beta-BHC	0.021 U	0.043 U	0.11 UJ	0.12 J	0.011 UJ
delta-BHC	0.021 U	0.043 U	0.11 UJ	0.11 UJ	0.011 UJ
gamma-Chlordane	0.021 U	0.059 J	0.11 U	0.11 U	0.011 U

Table I-11. Sediment Pesticides and PCBs (continued)

Location	Cobb's Pond Tributary Aggregate	Cobb's Pond Tributary Aggregate	Cobb's Pond Tributary Aggregate	Cobb's Pond Tributary Aggregate	West Ditches Aggregate
Station	LL3sd/sw-051(d)	LL3-052(p2)	LL3-053(p2)	LL3-156	LL3-162
Sample ID	LL31079	LL31071	LL31073	LL30960	LL30978
Customer ID	LL3sd-051-1079-SD	LL3sd-052-1071-SD	LL3sd-053-1073-SD	LL3sd-156-0960-SD	LL3sd-162-0978-SD
Date	08/08/2001	08/08/2001	08/08/2001	08/08/2001	08/13/2001
Depth (ft)	0 - 0.5	0 - 0.5	0 - 0.5	0 - 1	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	0.047 U	0.043 U	0.064 U	0.042 U	0.04 U
PCB-1221	0.047 U	0.043 U	0.064 U	0.042 U	0.04 U
PCB-1232	0.047 U	0.043 U	0.064 U	0.042 U	0.04 U
PCB-1242	0.047 U	0.043 U	0.064 U	0.042 U	0.04 U
PCB-1248	0.047 U	0.043 U	0.064 U	0.042 U	0.04 U
PCB-1254	0.047 U	0.18 J	0.064 U	0.042 U	0.04 U
PCB-1260	0.047 U	0.043 U	0.064 U	0.042 U	0.22 J
Toxaphene					
alpha-BHC					
alpha-Chlordane					
beta-BHC					
delta-BHC					
gamma-Chlordane					

Table I-11. Sediment Pesticides and PCBs (continued)

Location	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate	Explosives Handling Areas Aggregate
Station	**LL3-163**	**LL3-216**	**LL3-219**	**LL3-220**	**LL3-221**	**LL3-222**
Sample ID	**LL30981**	**LL31064**	**LL31068**	**LL31075**	**LL31081**	**LL31086**
Customer ID	**LL3sd-163-0981-SD**	**LL3sd-216-1064-SD**	**LL3sd-219-1068-SD**	**LL3sd-220-1075-SD**	**LL3sd-221-1081-SD**	**LL3sd-222-1086-SD**
Date	**08/13/2001**	**08/07/2001**	**08/07/2001**	**08/07/2001**	**08/07/2001**	**08/07/2001**
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)						
4,4'-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						0.0041 U
PCB-1016	0.04 U	0.4 U	4.1 U	0.15 U	0.04 U	0.041 U
PCB-1221	0.04 U	0.4 U	4.1 U	0.15 U	0.04 U	0.041 U
PCB-1232	0.04 U	0.4 U	4.1 U	0.15 U	0.04 U	0.041 U
PCB-1242	0.04 U	0.4 U	4.1 U	0.15 U	0.04 U	0.041 U
PCB-1248	0.04 U	0.4 U	4.1 U	0.15 U	0.04 U	0.041 U
PCB-1254	0.04 U	0.86 =	36 =	0.86 J	0.13 =	0.041 U
PCB-1260	0.04 U	0.4 U	4.1 U	0.15 U	0.04 U	0.041 U
Toxaphene						0.084 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

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

Table I-12. Sediment Semivolatile Organic Compounds

Location	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	Explosives Handling Areas Aggregate
Station	LL3-046(p2)	LL3-047(p2)	LL3sd/sw-048(d)	LL3-049(p2)	LL3-050(p2)	LL3-222
Sample ID	LL31065	LL31069	LL31077	LL31082	LL31084	LL31086
Customer ID	LL3sd-046-1065-SD	LL3sd-047-1069-SD	LL3sd-048-1077-SD	LL3sd-049-1082-SD	LL3sd-050-1084-SD	LL3sd-222-1086-SD
Date	08/08/2001	08/08/2001	08/08/2001	08/08/2001	08/08/2001	08/07/2001
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	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
1,2-Dichlorobenzene	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
1,3-Dichlorobenzene	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
1,4-Dichlorobenzene	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 U
2,4,5-Trichlorophenol	0.4 UJ	0.42 UJ	0.41 UJ	0.44 R	0.84 UJ	0.41 UJ
2,4,6-Trichlorophenol	0.4 UJ	0.42 UJ	0.41 UJ	0.44 R	0.84 UJ	0.41 UJ
2,4-Dichlorophenol	0.4 UJ	0.42 UJ	0.41 UJ	0.44 R	0.84 UJ	0.41 UJ
2,4-Dimethylphenol	0.4 UJ	0.42 UJ	0.41 UJ	0.44 R	0.84 UJ	0.41 UJ
2,4-Dinitrophenol	0.97 UJ	1 UJ	1 UJ	1.1 R	2 UJ	1 UJ
2,4-Dinitrotoluene	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
2,6-Dinitrotoluene	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
2-Chloronaphthalene	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
2-Chlorophenol	0.4 UJ	0.42 UJ	0.41 UJ	0.44 R	0.84 UJ	0.41 UJ
2-Methyl-4,6-dinitrophenol	0.97 UJ	1 UJ	1 UJ	1.1 R	2 UJ	1 UJ
2-Methylnaphthalene	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
2-Methylphenol	0.4 UJ	0.42 UJ	0.41 UJ	0.44 R	0.84 UJ	0.41 UJ
2-Nitrobenzenamine	0.97 UJ	1 UJ	1 UJ	1.1 UJ	2 UJ	1 UJ
2-Nitrophenol	0.4 UJ	0.42 UJ	0.41 UJ	0.44 R	0.84 UJ	0.41 UJ
3,3'-Dichlorobenzidine	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
3-Nitrobenzenamine	0.97 UJ	1 UJ	1 UJ	1.1 UJ	2 UJ	1 UJ
4-Bromophenyl phenyl ether	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
4-Chloro-3-methylphenol	0.4 UJ	0.42 UJ	0.41 UJ	0.44 R	0.84 UJ	0.41 UJ
4-Chlorobenzenamine	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ

Table I-12. Sediment Semivolatile Organic Compounds (continued)

Location	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	Explosives Handling Areas Aggregate
Station	LL3-046(p2)	LL3-047(p2)	LL3sd/sw-048(d)	LL3-049(p2)	LL3-050(p2)	LL3-222
Sample ID	LL31065	LL31069	LL31077	LL31082	LL31084	LL31086
Customer ID	LL3sd-046-1065-SD	LL3sd-047-1069-SD	LL3sd-048-1077-SD	LL3sd-049-1082-SD	LL3sd-050-1084-SD	LL3sd-222-1086-SD
Date	08/08/2001	08/08/2001	08/08/2001	08/08/2001	08/08/2001	08/07/2001
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-Chlorophenyl phenyl ether	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
4-Methylphenol	0.4 UJ	0.42 UJ	0.41 UJ	0.44 R	0.84 UJ	0.41 UJ
4-Nitrobenzenamine	0.97 UJ	1 UJ	1 UJ	1.1 UJ	2 UJ	1 UJ
4-Nitrophenol	0.97 R	1 UJ	1 R	1.1 R	2 R	1 UJ
Acenaphthene	0.088 J	0.42 UJ	0.41 UJ	0.093 J	0.18 J	0.41 UJ
Acenaphthylene	0.4 UJ	0.42 UJ	0.41 UJ	0.21 J	0.84 UJ	0.41 UJ
Anthracene	0.18 J	0.42 UJ	0.41 UJ	0.86 J	0.53 J	0.41 UJ
Benz(a)anthracene	0.82 J	0.11 J	0.28 J	5.3 J	2.8 J	0.41 UJ
Benzenemethanol	0.4 UJ	0.42 UJ	0.41 UJ	0.44 R	0.84 UJ	0.41 UJ
Benzo(a)pyrene	0.84 J	0.099 J	0.26 J	4.5 J	3 J	0.41 UJ
Benzo(b)fluoranthene	1.2 J	0.18 J	0.37 J	6.5 J	4.2 J	0.41 UJ
Benzo(ghi)perylene	0.52 J	0.071 J	0.15 J	1.6 J	1.3 J	0.41 UJ
Benzo(k)fluoranthene	0.49 J	0.42 UJ	0.12 J	2.6 J	1.7 J	0.41 UJ
Benzoic acid	1.9 UJ	2 UJ	2 UJ	0.3 J	4.1 UJ	2 UJ
Bis(2-chloroethoxy)methane	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
Bis(2-chloroethyl) ether	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
Bis(2-chloroisopropyl) ether	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
Bis(2-ethylhexyl)phthalate	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
Butyl benzyl phthalate	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
Carbazole	0.21 J	0.42 UJ	0.41 UJ	0.19 J	0.29 J	0.41 UJ
Chrysene	1.1 J	0.15 J	0.33 J	5.5 J	2.7 J	0.41 UJ
Di-n-butyl phthalate	0.4 UJ	0.42 UJ	0.41 UJ	0.44 U	0.84 UJ	0.41 UJ
Di-n-octylphthalate	0.4 UJ	0.42 UJ	0.41 UJ	0.44 U	0.84 UJ	0.41 UJ

Table I-12. Sediment Semivolatile Organic Compounds (continued)

Location	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	Explosives Handling Areas Aggregate
Station	LL3-046(p2)	LL3-047(p2)	LL3sd/sw-048(d)	LL3-049(p2)	LL3-050(p2)	LL3-222
Sample ID	LL31065	LL31069	LL31077	LL31082	LL31084	LL31086
Customer ID	LL3sd-046-1065-SD	LL3sd-047-1069-SD	LL3sd-048-1077-SD	LL3sd-049-1082-SD	LL3sd-050-1084-SD	LL3sd-222-1086-SD
Date	08/08/2001	08/08/2001	08/08/2001	08/08/2001	08/08/2001	08/07/2001
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)						
Dibenz(a,h)anthracene	0.14 J	0.42 UJ	0.41 UJ	0.67 J	0.41 J	0.41 UJ
Dibenzofuran	0.4 UJ	0.42 UJ	0.41 UJ	0.11 J	0.84 UJ	0.41 UJ
Diethyl phthalate	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
Dimethyl phthalate	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
Fluoranthene	1.8 J	0.22 J	0.59 J	10 J	6.7 J	0.07 J
Fluorene	0.073 J	0.42 UJ	0.41 UJ	0.27 J	0.32 J	0.41 UJ
Hexachlorobenzene	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
Hexachlorobutadiene	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
Hexachlorocyclopentadiene	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
Hexachloroethane	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
Indeno(1,2,3-cd)pyrene	0.5 J	0.42 UJ	0.15 J	1.9 J	1.3 J	0.41 UJ
Isophorone	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
N-Nitroso-di-n-propylamine	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
N-Nitrosodiphenylamine	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
Naphthalene	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
Nitrobenzene	0.4 UJ	0.42 UJ	0.41 UJ	0.44 UJ	0.84 UJ	0.41 UJ
Pentachlorophenol	0.4 R	0.42 UJ	0.41 R	0.44 R	0.84 R	0.41 UJ
Phenanthrene	1.1 J	0.091 J	0.32 J	3.3 J	2.9 J	0.41 UJ
Phenol	0.4 UJ	0.42 UJ	0.41 UJ	0.44 R	0.84 UJ	0.41 UJ
Pyrene	1.7 J	0.21 J	0.61 J	8 J	5.5 J	0.073 J

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

Table I-13. Sediment Volatile Organic Compounds

Location	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	Explosives Handling Areas Aggregate
Station	LL3-046(p2)	LL3-047(p2)	LL3sd/sw-048(d)	LL3-049(p2)	LL3-050(p2)	LL3-222
Sample ID	LL31065	LL31069	LL31077	LL31082	LL31084	LL31086
Customer ID	LL3sd-046-1065-SD	LL3sd-047-1069-SD	LL3sd-048-1077-SD	LL3sd-049-1082-SD	LL3sd-050-1084-SD	LL3sd-222-1086-SD
Date	08/08/2001	08/08/2001	08/08/2001	08/08/2001	08/08/2001	08/07/2001
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)						
1,1,1-Trichloroethane	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
1,1,2,2-Tetrachloroethane	0.0061 U	0.0063 UJ	0.0063 U	0.0067 U	0.0064 U	0.0063 U
1,1,2-Trichloroethane	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
1,1-Dichloroethane	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
1,1-Dichloroethene	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
1,2-Dibromoethane	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
1,2-Dichloroethane	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
1,2-Dichloroethene	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
1,2-Dichloropropane	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
2-Butanone	0.024 U	0.025 U	0.025 U	0.027 U	0.025 U	0.025 U
2-Hexanone	0.024 U	0.025 U	0.025 U	0.027 U	0.025 U	0.025 U
4-Methyl-2-pentanone	0.024 U	0.025 U	0.025 U	0.027 U	0.025 U	0.025 U
Acetone	0.024 UJ	0.025 UJ	0.025 UJ	0.027 UJ	0.025 UJ	0.025 U
Benzene	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
Bromochloromethane	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
Bromodichloromethane	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
Bromoform	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
Bromomethane	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
Carbon disulfide	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
Carbon tetrachloride	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
Chlorobenzene	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
Chloroethane	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
Chloroform	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
Chloromethane	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
Dibromochloromethane	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
Dimethylbenzene	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
Ethylbenzene	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
Methylene chloride	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
Styrene	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
Tetrachloroethene	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
Toluene	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
Trichloroethene	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
Vinyl chloride	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
cis-1,3-Dichloropropene	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U
trans-1,3-Dichloropropene	0.0061 U	0.0063 U	0.0063 U	0.0067 U	0.0064 U	0.0063 U

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

Table I-14. Sediment Total Organic Carbon

Location	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	West Ditches Aggregate	Cobb's Pond Tributary Aggregate	Cobb's Pond Tributary Aggregate	Cobb's Pond Tributary Aggregate	Explosives Handling Areas Aggregate	West Ditches Aggregate
Station	LL3-047(p2)	LL3sd/sw-048(d)	LL3-049(p2)	LL3-050(p2)	LL3sd/sw-051(d)	LL3-052(p2)	LL3-053(p2)	LL3-222	LL3-219
Sample ID	LL31069	LL31077	LL31082	LL31084	LL31079	LL31071	LL31073	LL31086	LL31068
Customer ID	LL3sd-047-1069-SD	LL3sd-048-1077-SD	LL3sd-049-1082-SD	LL3sd-050-1084-SD	LL3sd-051-1079-SD	LL3sd-052-1071-SD	LL3sd-053-1073-SD	LL3sd-222-1086-SD	LL3sd-219-1068-SD
Date	08/08/2001	08/08/2001	08/08/2001	08/08/2001	08/08/2001	08/08/2001	08/08/2001	08/07/2001	08/07/2001
Depth (ft)	0 - 0.5	0 - 0.5	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	Grab	Grab
Analyte (mg/kg)									
Total Organic Carbon	46000 =	30000 =	14000 =	27000 =	18000 =	8900 =	35000 =	5100 =	24000 =

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

Table I-15. Surface Water Inorganics

Location	Cobb's Pond Tributary Aggregate	Cobb's Pond Tributary Aggregate	Cobb's Pond Tributary Aggregate	Miscellaneous Water Samples Aggregate
Station	**LL3-052(p2)**	**LL3-053(p2)**	**LL3-053(p2)**	**LL3-222**
Sample ID	**LL31072**	**LL31074**	**LL31140**	**LL31087**
Customer ID	**LL3sw-052-1072-SW**	**LL3sw-053-1074-SW**	**LL3sw-053-1140-SW**	**LL3sw-222-1087-SW**
Date	**08/09/2001**	**08/08/2001**	**08/08/2001**	**08/07/2001**
Filtered	**Total**	**Total**	**Total**	**Total**
Field Type	**Grab**	**Grab**	**Field Duplicate**	**Grab**
Analyte (mg/L)				
Aluminum	0.68 J	0.23 J	0.41 J	0.31 J
Antimony	0.0025 J *	0.01 U	0.0023 J *	0.013 = *
Arsenic	0.0043 J *	0.0047 J *	0.0051 = *	0.015 U
Barium	0.08 = *	0.054 = *	0.056 = *	0.054 = *
Beryllium	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
Calcium	39.3 =	22.4 =	23 =	74.1 = *
Chromium	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	0.0065 = *	0.0026 U	0.0027 U	0.005 U
Copper	0.015 U	0.015 U	0.015 U	0.015 U
Cyanide		0.01 U	0.01 U	
Iron	3.8 = *	2.7 = *	2.9 = *	0.38 =
Lead	0.01 U	0.01 U	0.01 U	0.01 U
Magnesium	5.5 =	5.6 =	5.8 =	4.8 J
Manganese	7.8 J *	3.5 J *	3.6 J *	0.39 =
Mercury	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ
Nickel	0.0087 J *	0.0028 U	0.0032 U	0.025 U
Potassium	7.4 = *	4.3 J *	4.4 J *	2.9 J
Selenium	0.02 U	0.02 U	0.02 U	0.0048 U
Silver	0.005 U	0.005 U	0.005 U	0.005 U
Sodium	1.1 J	6.4 =	6.5 =	1.1 J
Thallium	0.002 UJ	0.002 UJ	0.002 UJ	0.002 UJ
Vanadium	0.0015 J *	0.007 U	0.007 U	0.007 U
Zinc	0.026 =	0.016 J	0.017 J	0.04 U

* - exceeds site-wide background criteria.

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

Table I-16. Surface Water Explosives and Propellants

Location	Cobb's Pond Tributary Aggregate	Cobb's Pond Tributary Aggregate	Cobb's Pond Tributary Aggregate	Miscellaneous Water Samples Aggregate
Station	**LL3-052(p2)**	**LL3-053(p2)**	**LL3-053(p2)**	**LL3-222**
Sample ID	**LL31072**	**LL31074**	**LL31140**	**LL31087**
Customer ID	**LL3sw-052-1072-SW**	**LL3sw-053-1074-SW**	**LL3sw-053-1140-SW**	**LL3sw-222-1087-SW**
Date	**08/09/2001**	**08/08/2001**	**08/08/2001**	**08/07/2001**
Filtered	**Total**	**Total**	**Total**	**Total**
Field Type	**Grab**	**Grab**	**Field Duplicate**	**Grab**
Analyte (mg/L)				
1,3,5-Trinitrobenzene	0.0002 U	0.0002 U	0.0002 U	0.00031 J
1,3-Dinitrobenzene	0.0002 U	0.00073 U	0.0011 U	0.0002 UJ
2,4,6-Trinitrotoluene	0.0002 U	0.0002 U	0.0002 U	0.026 =
2,4-Dinitrotoluene	0.00013 U	0.00013 U	0.00013 U	0.00013 UJ
2,6-Dinitrotoluene	0.00013 U	0.00013 U	0.00013 U	0.00013 UJ
2-Amino-4,6-dinitrotoluene	0.0002 U	0.0002 U	0.0002 U	0.0098 =
2-Nitrotoluene	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ
3-Nitrotoluene	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ
4-Amino-2,6-dinitrotoluene	0.0002 U	0.0002 U	0.0002 U	0.025 =
4-Nitrotoluene	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ
HMX	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ
Nitrobenzene	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ
Nitrocellulose		0.5 U	0.5 U	
Nitroglycerin	0.0025 U	0.0025 U	0.0025 U	0.0025 UJ
Nitroguanidine		0.02 U	0.02 U	
RDX	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ
Tetryl	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ

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

Table I-17. Surface Water Pesticides and PCBs

Location	Cobb's Pond Tributary Aggregate	Cobb's Pond Tributary Aggregate	Cobb's Pond Tributary Aggregate	Miscellaneous Water Samples Aggregate
Station	**LL3-052(p2)**	**LL3-053(p2)**	**LL3-053(p2)**	**LL3-222**
Sample ID	**LL31072**	**LL31074**	**LL31140**	**LL31087**
Customer ID	**LL3sw-052-1072-SW**	**LL3sw-053-1074-SW**	**LL3sw-053-1140-SW**	**LL3sw-222-1087-SW**
Date	**08/09/2001**	**08/08/2001**	**08/08/2001**	**08/07/2001**
Filtered	**Total**	**Total**	**Total**	**Total**
Field Type	**Grab**	**Grab**	**Field Duplicate**	**Grab**
Analyte (mg/L)				
4,4'-DDD		0.0001 U	0.0001 U	0.00005 U
4,4'-DDE		0.0001 U	0.0001 U	0.00005 U
4,4'-DDT		0.0001 U	0.0001 U	0.00005 U
Aldrin		0.0001 U	0.0001 U	0.00005 U
Dieldrin		0.0001 U	0.0001 U	0.00005 U
Endosulfan I		0.0001 U	0.0001 U	0.00005 U
Endosulfan II		0.0001 U	0.0001 U	0.00005 U
Endosulfan sulfate		0.0001 U	0.0001 U	0.00005 U
Endrin		0.0001 U	0.0001 U	0.00005 U
Endrin aldehyde		0.0001 U	0.0001 U	0.00005 U
Endrin ketone		0.0001 U	0.0001 U	0.00005 U
Heptachlor		0.0001 U	0.0001 U	0.00005 U
Heptachlor epoxide		0.0001 U	0.0001 U	0.00005 U
Lindane		0.0001 U	0.0001 U	0.00005 U
Methoxychlor		0.0002 U	0.0002 U	0.0001 U
PCB-1016	0.0005 U	0.0005 U	0.0005 U	0.0005 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 U	0.0005 U	0.0005 U	0.0005 UJ
Toxaphene		0.004 U	0.004 U	0.002 U
alpha-BHC		0.0001 U	0.0001 U	0.00005 U
alpha-Chlordane		0.0001 U	0.0001 U	0.00005 U
beta-BHC		0.0001 U	0.0001 U	0.00005 U
delta-BHC		0.0001 U	0.0001 U	0.00005 U
gamma-Chlordane		0.0001 U	0.0001 U	0.00005 U

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

Table I-18. Surface Water Semivolatile Organic Compounds

Location	Cobb's Pond Tributary Aggregate	Miscellaneous Water Samples Aggregate
Station	**LL3-053(p2)**	**LL3-222**
Sample ID	**LL31140**	**LL31087**
Customer ID	**LL3sw-053-1140-SW**	**LL3sw-222-1087-SW**
Date	**08/08/2001**	**08/07/2001**
Filtered	**Total**	**Total**
Field Type	**Field Duplicate**	**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 R	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 R	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

Table I-18. Surface Water Semivolatile Organic Compounds (continued)

Location	Cobb's Pond Tributary Aggregate	Miscellaneous Water Samples Aggregate
Station	**LL3-053(p2)**	**LL3-222**
Sample ID	**LL31140**	**LL31087**
Customer ID	**LL3sw-053-1140-SW**	**LL3sw-222-1087-SW**
Date	**08/08/2001**	**08/07/2001**
Filtered	**Total**	**Total**
Field Type	**Field Duplicate**	**Grab**
Analyte (mg/L)		
Bis(2-ethylhexyl)phthalate	0.01 U	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 UJ	0.01 U
Dimethyl phthalate	0.01 R	0.01 UJ
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-19. Surface Water Volatile Organic Compounds

Location	Cobb's Pond Tributary Aggregate	Cobb's Pond Tributary Aggregate	Miscellaneous Water Samples Aggregate
Station	**LL3-053(p2)**	**LL3-053(p2)**	**LL3-222**
Sample ID	**LL31074**	**LL31140**	**LL31087**
Customer ID	**LL3sw-053-1074-SW**	**LL3sw-053-1140-SW**	**LL3sw-222-1087-SW**
Date	**08/08/2001**	**08/08/2001**	**08/07/2001**
Filtered	**Total**	**Total**	**Total**
Field Type	**Grab**	**Field Duplicate**	**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	0.0007 J	0.00066 J	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 UJ	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	0.001 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-20. Groundwater Inorganics

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	**LL3mw-232**	**LL3mw-233**	**LL3mw-234**	**LL3mw-235**	**LL3mw-236**	**LL3mw-237**	**LL3mw-238**	**LL3mw-239**
Sample ID	**LL31101**	**LL31102**	**LL31103**	**LL31104**	**LL31105**	**LL31106**	**LL31107**	**LL31108**
Customer ID	**LL3mw-232-1101-GW**	**LL3mw-233-1102-GW**	**LL3mw-234-1103-GW**	**LL3mw-235-1104-GW**	**LL3mw-236-1105-GW**	**LL3mw-237-1106-GW**	**LL3mw-238-1107-GW**	**LL3mw-239-1108-GW**
Date	**09/11/2001**	**02/25/2002**	**09/11/2001**	**01/22/2002**	**09/18/2001**	**09/19/2001**	**09/18/2001**	**09/18/2001**
Filtered	**Dissolved**	**Dissolved**	**Dissolved**	**Dissolved**	**Dissolved**	**Dissolved**	**Dissolved**	**Dissolved**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**	**Grab**
Analyte (mg/L)								
Aluminum	0.2 U	0.041 U	0.2 U	0.2 U	0.079 U	0.082 U	0.087 U	0.067 U
Antimony	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0034 U	0.01 U	0.01 U
Arsenic	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U
Barium	0.0333 =	0.025 =	0.0119 =	0.019 =	0.015 =	0.0088 J	0.014 =	0.019 =
Beryllium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cadmium	0.00035 U	0.005 U	0.005 U	0.00086 U	0.005 U	0.005 U	0.005 U	0.00041 U
Calcium	61.5 = *	35.6 =	28.8 =	46.5 =	25.4 =	33.3 =	32.8 =	7.4 =
Chromium	0.005 U	0.005 U	0.005 U	0.0019 U	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	0.0121 = *	0.0016 U	0.0031 J *	0.007 U	0.0068 = *	0.013 = *	0.005 U	0.0072 = *
Copper	0.015 U	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	0.01 U
Iron	0.194 J	0.11 J	0.297 J	0.3 U	0.3 U	0.12 U	0.3 U	0.48 =
Lead	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Magnesium	37.9 = *	16.1 = *	13.4 =	18.8 = *	15 =	16.6 = *	4.6 J	4.2 J
Manganese	1.01 =	0.41 =	1.19 =	1.9 = *	1.1 =	1.9 = *	0.017 =	0.68 =
Mercury	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.00008 U	0.0002 U	0.0002 U	0.0002 U
Nickel	0.0136 J	0.0098 U	0.0151 J	0.021 J	0.03 =	0.051 =	0.0027 U	0.024 J
Potassium	6.86 = *	1.6 J	1.99 J	1.1 J	1.9 J	2.3 J	2 J	1.8 J
Selenium	0.02 U	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	0.005 U
Sodium	9.78 =	9.6 =	7.68 =	14.5 =	5.6 =	9.2 =	0.99 J	29.3 =
Thallium	0.002 UJ	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Vanadium	0.007 U	0.007 U	0.007 U	0.00088 U	0.007 U	0.007 U	0.007 U	0.007 U
Zinc	0.04 U	0.04 U	0.04 U	0.022 J	0.04 U	0.013 J	0.013 J	0.04 U

Table I-20. Groundwater Inorganics (continued)

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	**LL3mw-240**	**LL3mw-241**	**LL3mw-242**	**LL3mw-243**	**LL3mw-243**
Sample ID	**LL31109**	**LL31110**	**LL31111**	**LL31112**	**LL31138**
Customer ID	**LL3mw-240-1109-GW**	**LL3mw-241-1110-GW**	**LL3mw-242-1111-GW**	**LL3mw-243-1112-GW**	**LL3mw-243-1138-GW**
Date	**09/18/2001**	**09/21/2001**	**09/20/2001**	**09/10/2001**	**09/10/2001**
Filtered	**Dissolved**	**Dissolved**	**Dissolved**	**Dissolved**	**Dissolved**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**
Analyte (mg/L)					
Aluminum	0.083 U	0.082 U	0.15 U	0.2 U	0.2 U
Antimony	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Arsenic	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U
Barium	0.0095 J	0.011 =	0.0094 J	0.0225 =	0.0227 =
Beryllium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cadmium	0.005 U	0.005 U	0.0003 U	0.005 U	0.0004 U
Calcium	22.9 =	19.2 =	25.7 =	17.8 =	17.8 =
Chromium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	0.005 U	0.0058 = *	0.0013 J *	0.005 U	0.005 U
Copper	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
Iron	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Lead	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Magnesium	8.2 =	11.6 =	9.5 =	7.5 =	7.51 =
Manganese	0.019 =	2.2 = *	0.59 =	0.0333 =	0.0334 =
Mercury	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	0.0034 U	0.023 J	0.017 J	0.0042 J	0.0033 J
Potassium	0.9 J	1.8 J	1.4 J	1.4 J	1.4 J
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	0.005 U	0.005 U
Sodium	4.5 J	8.9 =	16.2 =	4.44 J	4.52 J
Thallium	0.002 U	0.002 U	0.01 UJ	0.002 U	0.002 UJ
Vanadium	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
Zinc	0.04 U	0.013 J	0.04 U	0.04 U	0.04 U

* - exceeds site-wide background criteria.

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

1-Cyanide was measured in unfiltered samples.

Table I-21. Groundwater Explosives and Propellants

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	**LL3mw-232**	**LL3mw-233**	**LL3mw-234**	**LL3mw-235**	**LL3mw-236**	**LL3mw-237**	**LL3mw-238**	**LL3mw-239**
Sample ID	**LL31101**	**LL31102**	**LL31103**	**LL31104**	**LL31105**	**LL31106**	**LL31107**	**LL31108**
Customer ID	**LL3mw-232-1101-GW**	**LL3mw-233-1102-GW**	**LL3mw-234-1103-GW**	**LL3mw-235-1104-GW**	**LL3mw-236-1105-GW**	**LL3mw-237-1106-GW**	**LL3mw-238-1107-GW**	**LL3mw-239-1108-GW**
Date	**09/11/2001**	**02/25/2002**	**09/11/2001**	**01/22/2002**	**09/18/2001**	**09/19/2001**	**09/18/2001**	**09/18/2001**
Filtered	**Total**	**Total**	**Total**	**Total**	**Total**	**Total**	**Total**	**Total**
Field Type	**Grab**	**Grab**	**Grab**	**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	0.0002 U	0.05 =	0.0002 U
1,3-Dinitrobenzene	0.0002 U	0.0002 U	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	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.082 =	0.0002 U
2,4-Dinitrotoluene	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00077 U	0.00013 U
2,6-Dinitrotoluene	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.0065 U	0.00013 U
2-Amino-4,6-dinitrotoluene	0.0002 U	0.0002 U	0.00012 J	0.0002 U	0.0002 U	0.0002 U	0.032 =	0.0002 U
2-Nitrotoluene	0.0002 U	0.0002 U	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	0.0002 U	0.0002 U
4-Amino-2,6-dinitrotoluene	0.0002 U	0.0002 U	0.00023 =	0.0002 U	0.0002 U	0.0002 U	0.054 =	0.0002 U
4-Nitrotoluene	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
HMX	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.002 =	0.0005 U
Nitrobenzene	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 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	0.5 U	0.5 U
Nitroglycerin	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Nitroguanidine	0.02 UJ	0.02 U	0.02 UJ	0.02 U	0.02 UJ	0.02 UJ	0.02 UJ	0.02 UJ
RDX	0.0005 U	0.0005 U	0.00079 =	0.0005 U	0.0005 U	0.0005 U	0.0077 =	0.00047 J
Tetryl	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U

Table I-21. Groundwater Explosives and Propellants (continued)

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	**LL3mw-240**	**LL3mw-241**	**LL3mw-242**	**LL3mw-243**	**LL3mw-243**
Sample ID	**LL31109**	**LL31110**	**LL31111**	**LL31112**	**LL31138**
Customer ID	**LL3mw-240-1109-GW**	**LL3mw-241-1110-GW**	**LL3mw-242-1111-GW**	**LL3mw-243-1112-GW**	**LL3mw-243-1138-GW**
Date	**09/18/2001**	**09/21/2001**	**09/20/2001**	**09/10/2001**	**09/10/2001**
Filtered	**Total**	**Total**	**Total**	**Total**	**Total**
Field Type	**Grab**	**Grab**	**Grab**	**Grab**	**Field Duplicate**
Analyte (mg/L)					
1,3,5-Trinitrobenzene	0.0002 U	0.0019 =	0.0002 U	0.0002 UJ	0.0002 UJ
1,3-Dinitrobenzene	0.0002 U	0.00012 J	0.0002 U	0.0002 UJ	0.0002 UJ
2,4,6-Trinitrotoluene	0.0002 U	0.00092 =	0.0002 U	0.0002 UJ	0.0002 UJ
2,4-Dinitrotoluene	0.00013 U	0.00032 U	0.00013 U	0.00013 UJ	0.00013 UJ
2,6-Dinitrotoluene	0.00013 U	0.00038 U	0.00013 U	0.00013 UJ	0.00013 UJ
2-Amino-4,6-dinitrotoluene	0.0002 U	0.0019 =	0.0002 U	0.0002 UJ	0.0002 UJ
2-Nitrotoluene	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 UJ
3-Nitrotoluene	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 UJ
4-Amino-2,6-dinitrotoluene	0.0002 U	0.0012 =	0.0002 U	0.0002 UJ	0.0002 UJ
4-Nitrotoluene	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 UJ
HMX	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ	0.0005 UJ
Nitrobenzene	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 UJ
Nitrocellulose	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Nitroglycerin	0.0025 U	0.0025 U	0.0025 U	0.0025 UJ	0.0025 UJ
Nitroguanidine	0.02 UJ	0.02 U	0.02 U	0.02 UJ	0.02 UJ
RDX	0.0005 U	0.0017 U	0.0005 U	0.0005 UJ	0.0005 UJ
Tetryl	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 UJ

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

Table I-22. Groundwater Pesticides and PCBs

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	**LL3mw-232**	**LL3mw-233**	**LL3mw-234**	**LL3mw-235**	**LL3mw-236**
Sample ID	**LL31101**	**LL31102**	**LL31103**	**LL31104**	**LL31105**
Customer ID	**LL3mw-232-1101-GW**	**LL3mw-233-1102-GW**	**LL3mw-234-1103-GW**	**LL3mw-235-1104-GW**	**LL3mw-236-1105-GW**
Date	**09/11/2001**	**02/25/2002**	**09/11/2001**	**01/22/2002**	**09/18/2001**
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 U	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 UJ	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 UJ	0.0001 U
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 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
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

Table I-22. Groundwater Pesticides and PCBs (continued)

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	**LL3mw-237**	**LL3mw-238**	**LL3mw-239**	**LL3mw-240**	**LL3mw-241**
Sample ID	**LL31106**	**LL31107**	**LL31108**	**LL31109**	**LL31110**
Customer ID	**LL3mw-237-1106-GW**	**LL3mw-238-1107-GW**	**LL3mw-239-1108-GW**	**LL3mw-240-1109-GW**	**LL3mw-241-1110-GW**
Date	**09/19/2001**	**09/18/2001**	**09/18/2001**	**09/18/2001**	**09/21/2001**
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 U	0.00005 UJ
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	0.000075 J	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 U	0.0005 U	0.0005 U	0.0005 UJ
PCB-1221	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ
PCB-1232	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ
PCB-1242	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ
PCB-1248	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ
PCB-1254	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ
PCB-1260	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 UJ
Toxaphene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
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	0.00015 J	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

Table I-22. Groundwater Pesticides and PCBs (continued)

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	LL3mw-242	LL3mw-243	LL3mw-243
Sample ID	LL31111	LL31112	LL31138
Customer ID	LL3mw-242-1111-GW	LL3mw-243-1112-GW	LL3mw-243-1138-GW
Date	09/20/2001	09/10/2001	09/10/2001
Filtered	Total	Total	Total
Field Type	Grab	Grab	Field Duplicate
Analyte (mg/L)			
4,4'-DDD	0.00005 UJ	0.00005 U	0.00005 U
4,4'-DDE	0.00005 U	0.00005 U	0.00005 U
4,4'-DDT	0.00005 U	0.00005 U	0.00005 U
Aldrin	0.00005 U	0.00005 U	0.00005 U
Dieldrin	0.00005 U	0.00005 U	0.00005 U
Endosulfan I	0.00005 U	0.00005 U	0.00005 U
Endosulfan II	0.00005 U	0.00005 U	0.00005 U
Endosulfan sulfate	0.00005 U	0.00005 U	0.00005 U
Endrin	0.00005 U	0.00005 U	0.00005 U
Endrin aldehyde	0.00005 U	0.00005 U	0.00005 U
Endrin ketone	0.00005 U	0.00005 U	0.00005 U
Heptachlor	0.00005 U	0.00005 U	0.00005 U
Heptachlor epoxide	0.00005 U	0.00005 U	0.00005 U
Lindane	0.00005 U	0.00005 U	0.00005 U
Methoxychlor	0.0001 U	0.0001 U	0.0001 U
PCB-1016	0.0005 U	0.0005 U	0.0005 U
PCB-1221	0.0005 U	0.0005 U	0.0005 U
PCB-1232	0.0005 U	0.0005 U	0.0005 U
PCB-1242	0.0005 U	0.0005 U	0.0005 U
PCB-1248	0.0005 U	0.0005 U	0.0005 U
PCB-1254	0.0005 U	0.0005 U	0.0005 U
PCB-1260	0.0005 U	0.0005 U	0.0005 U
Toxaphene	0.002 U	0.002 UJ	0.002 UJ
alpha-BHC	0.00005 U	0.00005 U	0.00005 U
alpha-Chlordane	0.00005 U	0.00005 U	0.00005 U
beta-BHC	0.00005 U	0.00005 U	0.00005 U
delta-BHC	0.00005 U	0.00005 U	0.00005 U
gamma-Chlordane	0.00005 U	0.00005 U	0.00005 U

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