Data Summary Report
IHSS Group 900-2

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APPENDIX

IHSS Group 900-2 Wildlife Refuge Worker/Ecological Receptor Action Level Comparison Table

ENCLOSURE

IHSS Group 900-2 Real and QC Data (compact disc)

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ACRONYMS AND ABBREVIATIONS

AL	action level
AR	Administrative Record
BZ	Buffer Zone
bgs	below ground surface
CDPHE	Colorado Department of Public Health and Environment
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
COC	contaminant of concern
DOE	U.S. Department of Energy
DQA	Data Quality Assessment
DQO	Data Quality Objective
EPA	U.S. Environmental Protection Agency
FY	Fiscal Year
IHSS	Individual Hazardous Substance Site
K-H	Kaiser-Hill Company L.L.C.
MARSSIM	Multi-Agency Radiation Survey and Site Investigation Manual
MDL	method detection limit
mg/kg	milligram per kilogram
NA	not applicable
ND	not detected
NFAA	No Further Accelerated Action
PAC	Potential Area of Concern
PARCCS	precision, accuracy, representativeness, completeness, comparability, and sensitivity
pCi/g	picocurie per gram
QC	quality control
RCRA	Resource Conservation and Recovery Act
RFCA	Rocky Flats Cleanup Agreement
RFETS	Rocky Flats Environmental Technology Site
RIN	report identification number
RL	reporting limit
SAP	Sampling and Analysis Plan
SD	standard deviation
SOR	sum of ratio
SSRS	Subsurface Soil Risk Screen
SVOC	semi-volatile organic compound
SWS	surface water standard
µg/kg	microgram per kilogram
VOC	volatile organic compound
V&V	verification and validation
WRW	Wildlife Refuge Worker

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1.0 INTRODUCTION

This Data Summary Report summarizes characterization activities conducted at Individual Hazardous Substance Site (IHSS) Group 900-2 at the Rocky Flats Environmental Technology Site (RFETS) in Golden, Colorado. Characterization activities were planned and executed in accordance with the Buffer Zone Sampling and Analysis Plan (BZSAP) (DOE 2002a) and BZSAP Addendum #BZ-02-01 (DOE 2002b).

IHSS Group 900-2 consists of IHSS 153, Oil Burn Pit No. 2 and IHSS 154, Pallet Burn Site. The locations of IHSS Group 900-2 and IHSSs 153 and 154 are shown on Figure 1.

2.0 SITE CHARACTERIZATION

Characterization of IHSS Group 900-2 consisted of historical knowledge (DOE 1999a), previous characterization sampling data from three sampling locations in the IHSS 900-153 area (DOE 2002a), and 33 additional sampling locations with specifications as described in BZSAP Addendum #BZ-02-01 (DOE 2002b). The sampling specifications for the most recent characterization samples collected are listed in Table 1. The location of these samples and analytical results greater than background mean plus two standard deviations or reporting limits for surface and subsurface soil samples are shown on Figures 2 through 4 and the analytical results are presented in Tables 2 through 9. Deviations from planned sampling specifications are presented in Tables 10 and 11. A summary of validated analytical records is presented in Tables 12 through 14. Analyte exceptions to adequate sensitivities compared to action levels (ALs) are presented in Tables 15 through 18. A comparison of the analytical results from the most recent sampling event to Wildlife Refuge Worker (WRW) and Ecological Receptor ALs is provided as an appendix. Real and Quality Control (QC) data are enclosed on a compact disc.

Analytical results from the most recent sampling event at IHSS 900-153 indicate that tetrachlorothene in two locations and trichloroethene in one location both from 0.5 feet to 8.5 feet below ground surface (bgs) are above the WRW ALs. All other contaminant concentrations in this IHSS, including previous characterization sampling, are below WRW ALs. In addition, arsenic exceeds the Ecological Receptor AL in one subsurface location.

Analytical results for IHSS 900-154 indicate that arsenic is above the WRW AL in two locations from 4.5 feet to 6.5 feet bgs. All other contaminant concentrations in this IHSS are below WRW ALs. Arsenic exceeds the Ecological Receptor AL in four subsurface locations.

However, No Further Accelerated Action (NFAA) for IHSS Group 900-2 is warranted based on the following Subsurface Soil Risk Screen (SSRS) identified in Figure 3 in Attachment 5 of the RFCA Modification (DOE, 2003):

Screen 1 – Are the contaminant of concern (COC) concentrations below RFCA Table 3 WRW Soil Action Levels?

No. Analytical results indicate that the following COCs are above WRW ALs: tetrachloroethene, trichloroethene, and arsenic. All other COCs are below WRW ALs.

Screen 2 – Is there potential for subsurface soil to become surface soil (Figure 1)?

No. Based on the review of Figure 1, IHSS Group 900-2 is not located in an area susceptible to landslides or high erosion.

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Screen 3 – Does subsurface soil radiological contamination exceed criteria in Section 5.3 and Attachment 14?

No.

Screen 4 – Is there an environmental pathway and sufficient quantity of COCs that would cause exceedance of the surface water standard (SWS)?

Contamination migration via erosion and groundwater are the two possible pathways whereby surface water could become contaminated by IHSSs 153 and 154. Based on the review of Figure 1 in Attachment 5 of the RFCA Modification (DOE, et al. 2003), IHSSs 153 and 154 are not located in an area prone to landslides or high erosion. Consequently, surface water contamination via erosion can be eliminated.

Groundwater flow in the area is to the east-northeast towards South Walnut Creek located approximately 600 feet northeast. Groundwater monitoring results from well 01791, approximately 50 feet east of IHSS 153, were collected between December 1991 and March 1995. The results from this well do not indicate analytes at concentrations greater than RFCA groundwater Tier I ALs.

In addition, two groundwater monitoring wells (91103 and 91203) are planned downgradient of this IHSS Group per the Integrated Monitoring Plan (IMP). Further groundwater evaluation will be part of the groundwater plume remedial decision and future sitewide evaluation.

Screen 5 – Are COC concentrations below Table 3 Action Levels for Ecological Receptors?

All COC concentrations are below the ALs for Ecological Receptors except for arsenic. Arsenic exceeds the Ecological Receptor AL of 2.15 mg/kg in five locations at depths from 2.5 feet to 8.5 feet bgs. Four of the locations are located in IHSS 154. The background value for arsenic is 13.14 mg/kg and the analytical results range from 14.9 mg/kg to 55.1 mg/kg with an average of 25.66 mg/kg.

Analytical results and the above Subsurface Soil Risk Screen indicate that an NFAA is justified for IHSS Group 900-2. Approval of this Data Summary Report constitutes regulatory agency concurrence of this IHSS Group as an NFAA. This information and NFAA determination will be documented in the FY03 Historical Release Report (HRR).

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Table 1
IHSS Group 900-2 Characterization Sampling Specifications

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Lab Method
900-2	IHSS 153, Oil Burn Pit No. 2	CP40-000	2085895.23	749552.95	Surface and Subsurface Soil	A, B, C, D, E, F	Radionuclides Metals PCBs Pesticides SVOCs VOCs	Alpha Spec 6010A 8082 8081A 8270C 8260B
		CP40-001	2085917.37	749524.27	Surface and Subsurface Soil	A, B, C, D, E, F	Radionuclides Metals PCBs Pesticides SVOCs VOCs	Alpha Spec 6010A 8082 8081A 8270C 8260B
		CP40-002	2085903.74	749491.62	Surface and Subsurface Soil	A, B, C, D, E, F	Radionuclides Metals PCBs Pesticides SVOCs VOCs	Alpha Spec 6010A 8082 8081A 8270C 8260B
		CP40-003	2085930.72	749557.49	Surface and Subsurface Soil	A, B, C, D, E, F	Radionuclides Metals PCBs Pesticides SVOCs VOCs	Alpha Spec 6010A 8082 8081A 8270C 8260B
		CQ40-000	2085953.14	749529.66	Surface and Subsurface Soil	A, B, C, D, E, F	Radionuclides Metals PCBs Pesticides SVOCs VOCs	Alpha Spec 6010A 8082 8081A 8270C 8260B
		CQ40-001	2085939.80	749495.88	Surface and Subsurface Soil	A, B, C, D, E, F	Radionuclides Metals PCBs Pesticides SVOCs VOCs	Alpha Spec 6010A 8082 8081A 8270C 8260B

Table 1
IHSS Group 900-2 Characterization Sampling Specifications

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Lab Method
		CQ40-002	2085967.06	749562.88	Surface and Subsurface Soil	A, B, C, D, E, F	Radionuclides Metals PCBs Pesticides SVOCs VOCs	Alpha Spec 6010A 8082 8081A 8270C 8260B
		CQ41-000	2085973.02	749501.56	Surface and Subsurface Soil	A, B, C, D, E, F	Radionuclides Metals PCBs Pesticides SVOCs VOCs	Alpha Spec 6010A 8082 8081A 8270C 8260B
	IHSS 154, Pallet Burn Site	CN40-000	2085529.73	749496.96	Surface Soil	A, B, C, D, E, F	Radionuclides Metals SVOCs PCBs Pesticides	Alpha Spec 6010A 8270C 8082 8081A
		CN40-001	2085531.80	749521.80	Subsurface Soil	A, B, C, D, E, F	Radionuclides Metals SVOCs PCBs Pesticides	Alpha Spec 6010A 8270C 8082 8081A
		CO40-000	2085561.47	749502.48	Subsurface Soil	A, B, C, D, E, F	Radionuclides Metals SVOCs PCBs Pesticides	Alpha Spec 6010A 8270C 8082 8081A
		CO40-001	2085563.88	749538.35	Subsurface Soil	A, B, C, D, E, F	Radionuclides Metals SVOCs PCBs Pesticides	Alpha Spec 6010A 8270C 8082 8081A
		CO40-002	2085594.24	749517.31	Subsurface Soil	A, B, C, D, E, F	Radionuclides Metals SVOCs PCBs Pesticides	Alpha Spec 6010A 8270C 8082 8081A
		CO40-003	2085600.11	749540.42	Subsurface Soil	A, B, C, D, E, F	Radionuclides Metals SVOCs PCBs Pesticides	Alpha Spec 6010A 8270C 8082 8081A

Table 2
IHSS Group 900-153 Surface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CP40-000	2085904.46	749540.87	4,4'-Dichlorodiphenyldichloroethane	0	0.5	1.8	0.34	1320000.00	13200.00	NA	ug/kg
CP40-000	2085904.46	749540.87	Endrin Aldehyde	0	0.5	1.8	1.6	NA	NA	NA	ug/kg
CP40-000	2085904.46	749540.87	Heptachlor	0	0.5	1.8	0.5	99600.00	996.00	NA	ug/kg
CP40-000	2085904.46	749540.87	Toxaphene	0	0.5	180	11	407000.00	4070.00	NA	ug/kg
CP40-000	2085904.46	749540.87	Endosulfan I	0	0.5	3.9	0.4	1000000000.00	11500000.00	NA	ug/kg
CP40-000	2085904.46	749540.87	Uranium 238/234	0	0.5	2.07	8	586.00	103.00	2	pCi/g
CP40-000	2085904.46	749540.87	Manganese	0	0.5	457	0.043	83600.00	83600.00	365.0799866	mg/kg
CP40-000	2085904.46	749540.87	Molybdenum	0	0.5	0.32	0.14	9610.00	9610.00	NA	mg/kg
CP40-000	2085904.46	749540.87	Sodium	0	0.5	157	157	NA	NA	91.83999634	mg/kg
CP40-000	2085904.46	749540.87	Thallium	0	0.5	0.84	0.46	NA	NA	NA	mg/kg
CP40-000	2085904.46	749540.87	Tin	0	0.5	1.3	0.29	1000000.00	1000000.00	NA	mg/kg
CP40-000	2085904.46	749540.87	Titanium	0	0.5	112	0.079	NA	NA	NA	mg/kg
CP40-000	2085904.46	749540.87	Boron	0	0.5	1.3	0.54	NA	NA	NA	mg/kg
CP40-000	2085904.46	749540.87	Calcium	0	0.5	16900	1	NA	NA	4467	mg/kg
CP40-000	2085904.46	749540.87	P-Nitroaniline	0	0.5	1700	67	NA	NA	NA	ug/kg
CP40-000	2085904.46	749540.87	P-Nitrophenol	0	0.5	1700	99	15400000.00	15400000.00	NA	ug/kg
CP40-000	2085904.46	749540.87	Benyzl Alcohol	0	0.5	350	81	576000000.00	576000000.00	NA	ug/kg
CP40-000	2085904.46	749540.87	4-Bromophenyl Phenyl Ether	0	0.5	350	74	NA	NA	NA	ug/kg
CP40-000	2085904.46	749540.87	2,4-Dimethylphenol	0	0.5	350	96	38400000.00	38400000.00	NA	ug/kg
CP40-000	2085904.46	749540.87	4-Methylphenol	0	0.5	350	77	9610000.00	9610000.00	NA	ug/kg
CP40-000	2085904.46	749540.87	P-Dichlorobenzene	0	0.5	350	58	18700000.00	187000.00	NA	ug/kg
CP40-000	2085904.46	749540.87	4-Chloroaniline	0	0.5	350	49	7680000.00	7680000.00	NA	ug/kg
CP40-000	2085904.46	749540.87	Phenol	0	0.5	350	74	1000000000.00	1000000000.00	NA	ug/kg
CP40-000	2085904.46	749540.87	Bis(2-Chloroethyl) Ether	0	0.5	350	51	407000.00	4070.00	NA	ug/kg
CP40-000	2085904.46	749540.87	Bis(2-Chloroethoxy) Methane	0	0.5	350	77	NA	NA	NA	ug/kg
CP40-000	2085904.46	749540.87	Bis(2-Ethylhexyl)Phthalate	0	0.5	350	72	32000000.00	320000.00	NA	ug/kg
CP40-000	2085904.46	749540.87	Di-N-Octyl Phthalate	0	0.5	350	38	1000000000.00	38400000.00	NA	ug/kg
CP40-000	2085904.46	749540.87	Hexachlorobenzene	0	0.5	350	80	280000.00	2800.00	NA	ug/kg
CP40-000	2085904.46	749540.87	Anthracene	0	0.5	350	82	576000000.00	576000000.00	NA	ug/kg
CP40-000	2085904.46	749540.87	1,2,4-Trichlorobenzene	0	0.5	350	67	19200000.00	19200000.00	NA	ug/kg
CP40-000	2085904.46	749540.87	2,4-Dichlorophenol	0	0.5	350	92	5760000.00	5760000.00	NA	ug/kg

Table 2
IHSS Group 900-153 Surface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CP40-000	2085904.46	749540.87	2,4-Dinitrotoluene	0	0.5	350	100	659000.00	6590.00	NA	ug/kg
CP40-000	2085904.46	749540.87	Pyrene	0	0.5	350	42	57600000.00	57600000.00	NA	ug/kg
CP40-000	2085904.46	749540.87	Dimethyl Phthalate	0	0.5	350	89	1000000000.00	1000000000.00	NA	ug/kg
CP40-000	2085904.46	749540.87	Dibenzofuran	0	0.5	350	86	7680000.00	7680000.00	NA	ug/kg
CP40-000	2085904.46	749540.87	Benzo[Ghi]Perylene	0	0.5	350	73	NA	NA	NA	ug/kg
CP40-000	2085904.46	749540.87	Indeno(1,2,3-Cd)Pyrene	0	0.5	350	50	614000.00	6140.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Uranium-235	0	0.5	0.168	1	135.00	24.00	0.093900003	pci/g
CP40-002	2085903.785	749491.678	Uranium 238/234	0	0.5	2.12	8	586.00	103.00	2	pci/g
CP40-002	2085903.785	749491.678	Uranium	0	0.5	3.3	1.5	NA	NA	NA	mg/kg
CP40-002	2085903.785	749491.678	Magnesium	0	0.5	3040	1.8	NA	NA	2849.300049	mg/kg
CP40-002	2085903.785	749491.678	Molybdenum	0	0.5	0.43	0.14	9610.00	9610.00	NA	mg/kg
CP40-002	2085903.785	749491.678	Silver	0	0.5	0.16	0.06	9610.00	9610.00	NA	mg/kg
CP40-002	2085903.785	749491.678	Sodium	0	0.5	110	110	NA	NA	91.83999634	mg/kg
CP40-002	2085903.785	749491.678	Strontium	0	0.5	49.8	0.0066	1000000.00	1000000.00	48.93999863	mg/kg
CP40-002	2085903.785	749491.678	Tin	0	0.5	1.7	0.42	1000000.00	1000000.00	NA	mg/kg
CP40-002	2085903.785	749491.678	Titanium	0	0.5	136	0.2	NA	NA	NA	mg/kg
CP40-002	2085903.785	749491.678	Boron	0	0.5	3.7	0.37	NA	NA	NA	mg/kg
CP40-002	2085903.785	749491.678	Zinc	0	0.5	152	0.22	576000.00	576000.00	73.76000214	mg/kg
CP40-002	2085903.785	749491.678	Calcium	0	0.5	28600	3.4	NA	NA	4467	mg/kg
CP40-002	2085903.785	749491.678	Heptachlor Epoxide	0	0.5	7.5	0.4	49300.00	493.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Endosulfan Sulfate	0	0.5	1.9	0.32	1000000000.00	11500000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Aroclor-1260	0	0.5	120	5.4	224000.00	2240.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Aroclor-1254	0	0.5	130	6.8	224000.00	2240.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Aroclor-1221	0	0.5	37	7.7	224000.00	2240.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Aroclor-1232	0	0.5	37	9.7	224000.00	2240.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Aroclor-1248	0	0.5	37	6.7	224000.00	2240.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Aroclor-1016	0	0.5	37	3.8	224000.00	2240.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Chlordane (Technical)	0	0.5	19	2.8	NA	NA	NA	ug/kg
CP40-002	2085903.785	749491.678	Aldrin	0	0.5	1.9	0.44	26400.00	264.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Alpha-Bhc	0	0.5	1.9	0.41	71100.00	711.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Beta-Bhc	0	0.5	1.9	0.38	249000.00	2490.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Delta-Bhc	0	0.5	1.9	0.12	NA	NA	NA	ug/kg

Table 2
IHSS Group 900-153 Surface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CP40-002	2085903.785	749491.678	Endosulfan II	0	0.5	1.9	0.74	1000000000.00	11500000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	4,4'-Dichlorodiphenyltrichloroethane	0	0.5	1.9	0.37	1320000.00	13200.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Aroclor-1242	0	0.5	37	9.4	224000.00	2240.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Gamma-Bhc (Lindane)	0	0.5	1.9	0.78	345000.00	3450.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Dieldrin	0	0.5	1.9	0.6	28000.00	280.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Endrin	0	0.5	1.9	0.43	NA	NA	NA	ug/kg
CP40-002	2085903.785	749491.678	Methoxychlor	0	0.5	3.7	0.19	9610000.00	9610000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	4,4'-Dichlorodiphenyldichloroethane	0	0.5	1.9	0.32	1870000.00	18700.00	NA	ug/kg
CP40-002	2085903.785	749491.678	4,4'-Dichlorodiphenyldichloroethylene	0	0.5	1.9	0.36	1320000.00	13200.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Endrin Aldehyde	0	0.5	1.9	1.7	NA	NA	NA	ug/kg
CP40-002	2085903.785	749491.678	Heptachlor	0	0.5	1.9	0.53	99600.00	996.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Toxaphene	0	0.5	190	11	407000.00	4070.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Endosulfan I	0	0.5	1.9	0.43	1000000000.00	11500000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	P-Nitroaniline	0	0.5	1800	73	NA	NA	NA	ug/kg
CP40-002	2085903.785	749491.678	P-Nitrophenol	0	0.5	1800	110	15400000.00	15400000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Benyzl Alcohol	0	0.5	380	88	576000000.00	576000000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	4-Bromophenyl Phenyl Ether	0	0.5	380	81	NA	NA	NA	ug/kg
CP40-002	2085903.785	749491.678	2,4-Dimethylphenol	0	0.5	380	100	38400000.00	38400000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	4-Methylphenol	0	0.5	380	84	9610000.00	9610000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	P-Dichlorobenzene	0	0.5	380	63	18700000.00	187000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	4-Chloroaniline	0	0.5	380	54	7680000.00	7680000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Phenol	0	0.5	380	81	1000000000.00	1000000000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Bis(2-Chloroethyl) Ether	0	0.5	380	56	407000.00	4070.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Bis(2-Chloroethoxy) Methane	0	0.5	380	84	NA	NA	NA	ug/kg
CP40-002	2085903.785	749491.678	Bis(2-Ethylhexyl)Phthalate	0	0.5	380	79	32000000.00	320000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Di-N-Octyl Phthalate	0	0.5	380	41	1000000000.00	38400000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Hexachlorobenzene	0	0.5	380	87	280000.00	2800.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Anthracene	0	0.5	380	89	576000000.00	576000000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	1,2,4-Trichlorobenzene	0	0.5	380	73	19200000.00	19200000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	2,4-Dichlorophenol	0	0.5	380	100	5760000.00	5760000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	2,4-Dinitrotoluene	0	0.5	380	110	659000.00	6590.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Pyrene	0	0.5	61	46	57600000.00	57600000.00	NA	ug/kg

Table 2
IHSS Group 900-153 Surface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CP40-002	2085903.785	749491.678	Dimethyl Phthalate	0	0.5	380	97	1000000000.00	1000000000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Dibenzofuran	0	0.5	380	93	7680000.00	7680000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Benzo[Ghi]Perylene	0	0.5	380	80	NA	NA	NA	ug/kg
CP40-002	2085903.785	749491.678	Indeno(1,2,3-Cd)Pyrene	0	0.5	380	55	614000.00	6140.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Benzo(B)Fluoranthene	0	0.5	380	110	614000.00	6140.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Fluoranthene	0	0.5	380	96	76800000.00	76800000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Benzo(K)Fluoranthene	0	0.5	380	110	6140000.00	61400.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Acenaphthylene	0	0.5	380	39	NA	NA	NA	ug/kg
CP40-002	2085903.785	749491.678	Chrysene	0	0.5	380	61	61400000.00	614000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	2,2'-Oxybis(1-Chloropropane)	0	0.5	380	79	NA	NA	NA	ug/kg
CP40-002	2085903.785	749491.678	Benzo(A)Pyrene	0	0.5	380	110	61400.00	614.00	NA	ug/kg
CP40-002	2085903.785	749491.678	2,4-Dinitrophenol	0	0.5	1800	570	384000000.00	3840000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	4,6-Dinitro-O-Cresol	0	0.5	1800	480	192000.00	192000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Dibenz(A,H)Anthracene	0	0.5	380	54	61400.00	614.00	NA	ug/kg
CP40-002	2085903.785	749491.678	M-Dichlorobenzene	0	0.5	380	81	NA	NA	NA	ug/kg
CP40-002	2085903.785	749491.678	Benzo(A)Anthracene	0	0.5	380	44	614000.00	6140.00	NA	ug/kg
CP40-002	2085903.785	749491.678	4-Chloro-3-Methylphenol	0	0.5	380	110	NA	NA	NA	ug/kg
CP40-002	2085903.785	749491.678	2,6-Dinitrotoluene	0	0.5	380	110	659000.00	6590.00	NA	ug/kg
CP40-002	2085903.785	749491.678	N-Nitroso-Di-N-Propylamine	0	0.5	380	100	64000.00	640.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Benzoic Acid	0	0.5	1800	650	1000000000.00	1000000000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Hexachloroethane	0	0.5	380	57	125000000.00	320000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	4-Chlorophenyl-Phenyl Ether	0	0.5	380	81	NA	NA	NA	ug/kg
CP40-002	2085903.785	749491.678	Hexachlorocyclopentadiene	0	0.5	750	38	13300000.00	13300000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Isophorone	0	0.5	380	77	1000000000.00	4720000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Acenaphthene	0	0.5	380	52	115000000.00	115000000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Diethyl Phthalate	0	0.5	750	60	1000000000.00	1000000000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Di-N-Butyl Phthalate	0	0.5	380	87	NA	NA	NA	ug/kg
CP40-002	2085903.785	749491.678	Phenanthrene	0	0.5	380	42	NA	NA	NA	ug/kg
CP40-002	2085903.785	749491.678	Butylbenzylphthalate	0	0.5	380	39	384000000.00	384000000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	N-Nitrosodiphenylamine	0	0.5	380	82	365000000.00	915000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Fluorene	0	0.5	380	87	76800000.00	76800000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Hexachlorobutadiene	0	0.5	380	110	5750000.00	57500.00	NA	ug/kg

Table 2
IHSS Group 900-153 Surface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CP40-002	2085903.785	749491.678	Pentachlorophenol	0	0.5	1800	420	14900000.00	37400.00	NA	ug/kg
CP40-002	2085903.785	749491.678	2,4,6-Trichlorophenol	0	0.5	380	57	159000000.00	407000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	2-Nitroaniline	0	0.5	1800	91	115000.00	115000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	O-Nitrophenol	0	0.5	380	140	NA	NA	NA	ug/kg
CP40-002	2085903.785	749491.678	Naphthalene	0	0.5	380	80	76800000.00	76800000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	2-Methylnaphthalene	0	0.5	380	67	76800000.00	76800000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	2-Chloronaphthalene	0	0.5	380	43	154000000.00	154000000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	3,3'-Dichlorobenzidine	0	0.5	1500	80	996000.00	9960.00	NA	ug/kg
CP40-002	2085903.785	749491.678	2-Methylphenol	0	0.5	380	88	96100000.00	96100000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	1,2-Dichlorobenzene	0	0.5	380	73	173000000.00	173000000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	2-Chlorophenol	0	0.5	380	83	9610000.00	9610000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	2,4,5-Trichlorophenol	0	0.5	380	85	192000000.00	192000000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	Nitrobenzene	0	0.5	380	97	961000.00	961000.00	NA	ug/kg
CP40-002	2085903.785	749491.678	3-Nitroaniline	0	0.5	1800	97	NA	NA	NA	ug/kg

SD = standard deviation
NA = not applicable

Table 3
IHSS Group 900-153 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Reporting Limit	Result	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CP40-000	2085904.46	749540.87	Methylene Chloride	0.5	2.5	0.89	1.8	578000.00	5780.00	NA	ug/kg
CP40-000	2085904.46	749540.87	Methylene Chloride	2.5	4.5	0.85	1.6	578000.00	5780.00	NA	ug/kg
CP40-000	2085904.46	749540.87	Methylene Chloride	4.5	6.5	0.93	1.9	578000.00	5780.00	NA	ug/kg
CQ41-000	2085967.12	749562.83	Methylene Chloride	0.5	2.5	0.85	1.7	578000.00	5780.00	NA	ug/kg
CQ41-000	2085967.12	749562.83	Methylene Chloride	2.5	4.5	0.86	2.1	578000.00	5780.00	NA	ug/kg
CQ41-000	2085967.12	749562.83	Methylene Chloride	6.5	8	4.2	15	578000.00	5780.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	Methylene Chloride	0.5	2.5	0.91	1.2	578000.00	5780.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	Methylene Chloride	2.5	4.5	0.92	1	578000.00	5780.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	Naphthalene	4.5	6.5	0.96	5.1	10100000000.00	101000000.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	Acetone	6.5	8	410	680	27200000000.00	272000000.00	NA	ug/kg
CP40-002	2085903.79	749491.68	Naphthalene	0.5	2.5	0.93	4.9	10100000000.00	101000000.00	NA	ug/kg
CP40-002	2085903.79	749491.68	Naphthalene	2.5	4.5	0.99	5.2	10100000000.00	101000000.00	NA	ug/kg
CP40-002	2085903.79	749491.68	Naphthalene	4.5	6.5	1	5.3	10100000000.00	101000000.00	NA	ug/kg
CP40-002	2085903.79	749491.68	Methylene Chloride	6.5	8.5	0.91	1.2	578000.00	5780.00	NA	ug/kg
CP40-002	2085903.79	749491.68	Methylene Chloride	8.5	9.5	0.85	1.1	578000.00	5780.00	NA	ug/kg
CQ41-010	2085987.82	749690.93	Methylene Chloride	0.5	2.5	0.89	3.1	578000.00	5780.00	NA	ug/kg
CQ41-010	2085987.82	749690.93	Methylene Chloride	2.5	4.5	0.86	2.4	578000.00	5780.00	NA	ug/kg
CQ41-010	2085987.82	749690.93	Methylene Chloride	4.5	6.5	0.94	2.9	578000.00	5780.00	NA	ug/kg
CQ41-010	2085987.82	749690.93	Methylene Chloride	6.5	8.5	0.86	2.3	578000.00	5780.00	NA	ug/kg
CQ41-010	2085987.82	749690.93	Methylene Chloride	8.5	9.5	0.93	2.8	578000.00	5780.00	NA	ug/kg
CQ41-008	2086039.39	749669.66	Methylene Chloride	0.5	2.5	0.81	1.9	578000.00	5780.00	NA	ug/kg
CQ41-008	2086039.39	749669.66	Methylene Chloride	2.5	4.5	0.82	2.2	578000.00	5780.00	NA	ug/kg
CQ41-008	2086039.39	749669.66	Methylene Chloride	4.5	6.5	1	3	578000.00	5780.00	NA	ug/kg
CQ41-008	2086039.39	749669.66	Methylene Chloride	6.5	8	0.95	2.7	578000.00	5780.00	NA	ug/kg
CQ41-008	2086039.39	749669.66	Methylene Chloride	8	8.5	0.93	2.6	578000.00	5780.00	NA	ug/kg
CP40-000	2085904.46	749540.87	Aroclor-1254	0.5	2.5	6.6	11	531000000.00	5310000.00	NA	ug/kg
CP40-003	2085930.47	749557.50	Acetone	0.5	2.5	300	590	27200000000.00	272000000.00	NA	ug/kg
CP40-003	2085930.47	749557.50	1,1,1-Trichloroethane	0.5	2.5	24	28	94800000.00	948000.00	NA	ug/kg
CP40-003	2085930.47	749557.50	Carbon Disulfide	0.5	2.5	24	27	988000000.00	9880000.00	NA	ug/kg
CP40-003	2085930.47	749557.50	Trichloroethene	0.5	2.5	30	35	3280000.00	32800.00	NA	ug/kg
CP40-003	2085930.47	749557.50	Bis(2-Ethylhexyl)Phthalate	2.5	4.5	74	130	311000000000.00	3110000000.00	NA	ug/kg
CP40-003	2085930.47	749557.50	Phenanthrene	2.5	4.5	40	42	NA	NA	NA	ug/kg

Table 3
IHSS Group 900-153 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Reporting Limit	Result	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CP40-003	2085930.47	749557.50	2-Methylnaphthalene	2.5	4.5	63	150	NA	NA	NA	ug/kg
CP40-003	2085930.47	749557.50	1,1,1-Trichloroethane	2.5	4.5	210	1100	94800000.00	948000.00	NA	ug/kg
CP40-003	2085930.47	749557.50	1,2-Dichloroethane	4.5	6.5	26	35	668000.00	6680.00	NA	ug/kg
CP40-003	2085930.47	749557.50	4-Methyl-2-Pentanone	4.5	6.5	86	850	NA	NA	NA	ug/kg
CP40-003	2085930.47	749557.50	1,1,1-Trichloroethane	4.5	6.5	25	78	94800000.00	948000.00	NA	ug/kg
CP40-003	2085930.47	749557.50	Trichloroethene	4.5	6.5	32	150	3280000.00	32800.00	NA	ug/kg
CP40-003	2085930.47	749557.50	1,2,4-Trimethylbenzene	4.5	6.5	25	27	NA	NA	NA	ug/kg
CP40-003	2085930.47	749557.50	Aroclor-1260	6.5	7.7	570	1200	531000000.00	5310000.00	NA	ug/kg
CP40-003	2085930.47	749557.50	Toluene	6.5	7.7	220	350	707000000.00	7070000.00	NA	ug/kg
CP40-003	2085930.47	749557.50	1,2,4-Trimethylbenzene	6.5	7.7	120	180	NA	NA	NA	ug/kg
CQ41-000	2085967.12	749562.83	Aroclor-1254	0.5	2.5	6.4	6.7	531000000.00	5310000.00	NA	ug/kg
CQ41-000	2085967.12	749562.83	1,2-Dichloroethane	0.5	2.5	1.1	2.6	668000.00	6680.00	NA	ug/kg
CQ41-000	2085967.12	749562.83	1,2-Dichloroethane	2.5	4.5	1.1	4.3	668000.00	6680.00	NA	ug/kg
CQ41-000	2085967.12	749562.83	Tetrachloroethene	4.5	6.5	47	240	3150000.00	31500.00	NA	ug/kg
CQ41-000	2085967.12	749562.83	Acetone	4.5	6.5	280	730	27200000000.00	272000000.00	NA	ug/kg
CQ41-000	2085967.12	749562.83	Chloroform	4.5	6.5	22	270	21400000.00	214000.00	NA	ug/kg
CQ41-000	2085967.12	749562.83	1,1,1-Trichloroethane	4.5	6.5	22	100	94800000.00	948000.00	NA	ug/kg
CQ41-000	2085967.12	749562.83	Trichloroethene	4.5	6.5	29	260	3280000.00	32800.00	NA	ug/kg
CQ41-000	2085967.12	749562.83	Bis(2-Ethylhexyl)Phthalate	6.5	8	74	82	311000000000.00	3110000000.00	NA	ug/kg
CQ41-000	2085967.12	749562.83	Tetrachloroethene	6.5	8	5.2	7.9	3150000.00	31500.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	1,2-Dichloroethane	0.5	2.5	1.1	2.1	668000.00	6680.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	1,2,4-Trichlorobenzene	0.5	2.5	0.81	3	433000000.00	4330000.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	1,2-Dichloroethane	2.5	4.5	1.1	4.1	668000.00	6680.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	Tetrachloroethene	2.5	4.5	1.1	5.3	3150000.00	31500.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	Chloroform	2.5	4.5	1	2.3	21400000.00	214000.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	Trichloroethene	2.5	4.5	1	1.2	3280000.00	32800.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	1,2,3-Trichlorobenzene	2.5	4.5	0.93	3.6	NA	NA	NA	ug/kg
CQ40-000	2085953.14	749529.64	1,2-Dichloroethane	4.5	6.5	1.1	1.7	668000.00	6680.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	4-Bromophenyl Phenyl Ether	6.5	8	79	110	NA	NA	NA	ug/kg
CQ40-000	2085953.14	749529.64	1,2,4-Trichlorobenzene	6.5	8	71	240	433000000.00	4330000.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	Chloroform	6.5	8	32	34	21400000.00	214000.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	Trichloroethene	6.5	8	33	51	3280000.00	32800.00	NA	ug/kg
CP40-002	2085903.79	749491.68	Acetone	0.5	2.5	5	5.9	27200000000.00	272000000.00	NA	ug/kg

Table 3
IHSS Group 900-153 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Reporting Limit	Result	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CP40-002	2085903.79	749491.68	Acetone	2.5	4.5	5.3	5.5	27200000000.00	272000000.00	NA	ug/kg
CP40-002	2085903.79	749491.68	1,2-Dichloroethane	4.5	6.5	1.2	2.2	668000.00	6680.00	NA	ug/kg
CP40-001	2085917.34	749524.34	Acetone	0.5	2.5	5.2	7.5	27200000000.00	272000000.00	NA	ug/kg
CP40-001	2085917.34	749524.34	4,4'-Dichlorodiphenyltrichloroethane	0.5	2.5	0.38	0.79	2260000000.00	22600000.00	NA	ug/kg
CP40-001	2085917.34	749524.34	Dieldrin	0.5	2.5	0.62	1.4	392000.00	3920.00	NA	ug/kg
CP40-001	2085917.34	749524.34	4,4'-Dichlorodiphenyldichloroethylene	0.5	2.5	0.37	1.1	3840000000.00	38400000.00	NA	ug/kg
CP40-001	2085917.34	749524.34	Acetone	2.5	4.5	4.8	8.2	27200000000.00	272000000.00	NA	ug/kg
CP40-001	2085917.34	749524.34	Acetone	4.5	6.5	5	9.4	27200000000.00	272000000.00	NA	ug/kg
CQ40-001	2085939.83	749495.90	Endosulfan II	0.5	2.5	0.73	0.91	1630000000.00	16300000.00	NA	ug/kg
CQ40-001	2085939.83	749495.90	Acetone	0.5	2.5	4.9	5.9	27200000000.00	272000000.00	NA	ug/kg
CQ40-001	2085939.83	749495.90	Acetone	2.5	4.5	5	7.9	27200000000.00	272000000.00	NA	ug/kg
CQ40-001	2085939.83	749495.90	Acetone	4.5	6.5	4.8	6.9	27200000000.00	272000000.00	NA	ug/kg
CQ40-001	2085939.83	749495.90	Acetone	8.5	10.5	5	5.4	27200000000.00	272000000.00	NA	ug/kg
CQ40-002	2085972.93	749501.55	Acetone	0.5	2.5	5.3	7	27200000000.00	272000000.00	NA	ug/kg
CQ40-002	2085972.93	749501.55	Aroclor-1254	2.5	4.5	5.1	7	531000000.00	5310000.00	NA	ug/kg
CQ40-002	2085972.93	749501.55	Acetone	4.5	6.5	5.3	11	27200000000.00	272000000.00	NA	ug/kg
CQ40-002	2085972.93	749501.55	Acetone	6.5	8.5	5	7.3	27200000000.00	272000000.00	NA	ug/kg
CP41-000	2085908.67	749586.29	Aroclor-1254	2.5	4.5	4.6	27	531000000.00	5310000.00	NA	ug/kg
CP41-000	2085908.67	749586.29	Aroclor-1254	4.5	5.7	4.9	37	531000000.00	5310000.00	NA	ug/kg
CQ41-002	2085986.65	749593.77	Aroclor-1254	2.5	4.5	5.2	8	531000000.00	5310000.00	NA	ug/kg
CQ41-002	2085986.65	749593.77	Aroclor-1254	4.5	5.6	5	15	531000000.00	5310000.00	NA	ug/kg
CQ41-003	2086013.47	749568.15	Aroclor-1260	0.5	2.5	50	250	531000000.00	5310000.00	NA	ug/kg
CQ41-003	2086013.47	749568.15	Aroclor-1260	2.5	4.5	27	91	531000000.00	5310000.00	NA	ug/kg
CQ40-003	2085987.33	749534.75	Aroclor-1260	2.5	4.5	520	2500	531000000.00	5310000.00	NA	ug/kg
CQ41-005	2085961.19	749623.02	Aroclor-1016	6.5	8.5	3500	17000	531000000.00	5310000.00	NA	ug/kg
CQ41-005	2085961.19	749623.02	Aroclor-1016	8.5	10.5	390	1500	531000000.00	5310000.00	NA	ug/kg
CQ41-006	2085938.91	749650.62	Aroclor-1254	2.5	4.5	4.5	7.9	531000000.00	5310000.00	NA	ug/kg
CQ41-006	2085938.91	749650.62	Aroclor-1254	4.5	6.5	4.8	6.2	531000000.00	5310000.00	NA	ug/kg
CQ41-007	2085974.52	749656.98	Aroclor-1254	2.5	4.5	4.9	9.8	531000000.00	5310000.00	NA	ug/kg
CQ41-004	2085992.78	749626.46	Aroclor-1260	0.5	2.5	52	270	531000000.00	5310000.00	NA	ug/kg
CQ41-004	2085992.78	749626.46	Aroclor-1260	4.5	6.5	28	85	531000000.00	5310000.00	NA	ug/kg
CQ41-010	2085987.82	749690.93	Acetone	0.5	2.5	5.1	5.2	27200000000.00	272000000.00	NA	ug/kg

Table 3
IHSS Group 900-153 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Reporting Limit	Result	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CQ41-010	2085987.82	749690.93	Aroclor-1254	0.5	2.5	4.8	32	531000000.00	5310000.00	NA	ug/kg
CQ41-010	2085987.82	749690.93	Trichloroethene	8.5	9.5	1	2.1	3280000.00	32800.00	NA	ug/kg
CQ41-010	2085987.82	749690.93	1,2,3-Trichlorobenzene	8.5	9.5	0.94	4	NA	NA	NA	ug/kg
CQ41-008	2086039.39	749669.66	Trichloroethene	8	8.5	1	3.4	3280000.00	32800.00	NA	ug/kg
CQ41-005	2085961.19	749623.02	Tetrachloroethene	2.5	4.5	50000	27122300	3150000.00	31500.00	NA	ug/kg
CQ41-005	2085961.19	749623.02	Trichloroethene	2.5	4.5	50000	3662200	3280000.00	32800.00	NA	ug/kg
CQ41-005	2085961.19	749623.02	Tetrachloroethene	4.5	6.5	100000	11358000	3150000.00	31500.00	NA	ug/kg
CQ41-003	2086013.47	749568.15	Tetrachloroethene	8.5	10.5	16	2027.5806	3150000.00	31500.00	NA	ug/kg
CQ41-005	2085961.19	749623.02	Tetrachloroethene	0.5	2.5	29	1392.0697	3150000.00	31500.00	NA	ug/kg
CP40-003	2085930.47	749557.50	Boron	0.5	2.5	0.4	1	NA	NA	NA	mg/kg
CP40-003	2085930.47	749557.50	Thallium	4.5	6.5	0.9	3.1	NA	NA	1.84	mg/kg
CP40-003	2085930.47	749557.50	Boron	6.5	7.7	0.4	0.42	NA	NA	NA	mg/kg
CQ41-000	2085967.12	749562.83	Boron	0.5	2.5	0.37	1.2	NA	NA	NA	mg/kg
CQ41-000	2085967.12	749562.83	Boron	2.5	4.5	0.37	1.3	NA	NA	NA	mg/kg
CQ41-000	2085967.12	749562.83	Thallium	4.5	6.5	0.83	2	NA	NA	1.84	mg/kg
CQ41-000	2085967.12	749562.83	Boron	4.5	6.5	0.37	0.6	NA	NA	NA	mg/kg
CQ40-000	2085953.14	749529.64	Uranium	0.5	2.5	1.5	1.6	NA	NA	NA	mg/kg
CQ40-000	2085953.14	749529.64	Boron	2.5	4.5	0.39	1.2	NA	NA	NA	mg/kg
CQ40-000	2085953.14	749529.64	Boron	4.5	6.5	0.4	0.92	NA	NA	NA	mg/kg
CQ40-000	2085953.14	749529.64	1,2,4-Trichlorobenzene	4.5	6.5	0.79	42	433000000.00	4330000.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	1,2,3-Trichlorobenzene	4.5	6.5	0.9	18	NA	NA	NA	ug/kg
CQ40-000	2085953.14	749529.64	Boron	6.5	8	0.38	1.1	NA	NA	NA	mg/kg
CP40-002	2085903.79	749491.68	Uranium	0.5	2.5	1.5	2.6	NA	NA	NA	mg/kg
CP40-002	2085903.79	749491.68	1,2,4-Trichlorobenzene	0.5	2.5	0.77	6.9	433000000.00	4330000.00	NA	ug/kg
CP40-002	2085903.79	749491.68	1,2,3-Trichlorobenzene	0.5	2.5	0.88	10	NA	NA	NA	ug/kg
CP40-002	2085903.79	749491.68	Boron	2.5	4.5	0.4	0.75	NA	NA	NA	mg/kg
CP40-002	2085903.79	749491.68	1,2,4-Trichlorobenzene	2.5	4.5	0.82	6.8	433000000.00	4330000.00	NA	ug/kg
CP40-002	2085903.79	749491.68	Boron	4.5	6.5	0.41	1.1	NA	NA	NA	mg/kg
CP40-002	2085903.79	749491.68	1,2,4-Trichlorobenzene	4.5	6.5	0.84	6.8	433000000.00	4330000.00	NA	ug/kg
CP40-002	2085903.79	749491.68	Boron	6.5	8.5	0.39	0.52	NA	NA	NA	mg/kg
CP40-002	2085903.79	749491.68	Boron	8.5	9.5	0.36	0.38	NA	NA	NA	mg/kg
CP40-001	2085917.34	749524.34	Boron	0.5	2.5	0.39	0.66	NA	NA	NA	mg/kg
CP40-001	2085917.34	749524.34	Boron	2.5	4.5	0.35	1.2	NA	NA	NA	mg/kg

Table 3
IHSS Group 900-153 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Reporting Limit	Result	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CQ40-001	2085939.83	749495.90	Boron	2.5	4.5	0.38	1.2	NA	NA	NA	mg/kg
CQ40-001	2085939.83	749495.90	Boron	4.5	6.5	0.35	0.7	NA	NA	NA	mg/kg
CQ40-001	2085939.83	749495.90	Boron	6.5	8.5	0.39	0.51	NA	NA	NA	mg/kg
CQ40-001	2085939.83	749495.90	Boron	8.5	10.5	0.39	0.59	NA	NA	NA	mg/kg
CQ40-002	2085972.93	749501.55	Boron	0.5	2.5	0.39	1.6	NA	NA	NA	mg/kg
CQ40-002	2085972.93	749501.55	Boron	2.5	4.5	0.38	1.1	NA	NA	NA	mg/kg
CQ40-002	2085972.93	749501.55	Boron	4.5	6.5	0.42	1.6	NA	NA	NA	mg/kg
CQ41-001	2085944.99	749591.30	Tetrachloroethene	0.5	2.5	15000	189988.05	3150000.00	31500.00	NA	ug/kg
CQ41-001	2085944.99	749591.30	Tetrachloroethene	2.5	4.5	29000	846902.65	3150000.00	31500.00	NA	ug/kg
CQ41-001	2085944.99	749591.30	Tetrachloroethene	4.5	5.8	11000	27603.628	3150000.00	31500.00	NA	ug/kg
CQ41-005	2085961.19	749623.02	Trichloroethene	0.5	2.5	29	696.3523	3280000.00	32800.00	NA	ug/kg
CQ41-005	2085961.19	749623.02	Carbon Tetrachloride	2.5	4.5	50000	55800	3560000.00	35600.00	NA	ug/kg
CQ41-005	2085961.19	749623.02	1,1,1-Trichloroethane	2.5	4.5	50000	686400	94800000.00	948000.00	NA	ug/kg
CQ41-005	2085961.19	749623.02	1,1,1-Trichloroethane	4.5	6.5	100000	207000	94800000.00	948000.00	NA	ug/kg
CQ41-005	2085961.19	749623.02	Trichloroethene	4.5	6.5	100000	1381000	3280000.00	32800.00	NA	ug/kg
CQ41-005	2085961.19	749623.02	Tetrachloroethene	6.5	8.5	100000	1322600	3150000.00	31500.00	NA	ug/kg
CQ41-005	2085961.19	749623.02	Trichloroethene	6.5	8.5	100000	122000	3280000.00	32800.00	NA	ug/kg
CQ41-005	2085961.19	749623.02	Tetrachloroethene	8.5	10.5	100000	1866800	3150000.00	31500.00	NA	ug/kg
CQ41-005	2085961.19	749623.02	Trichloroethene	8.5	10.5	100000	158200	3280000.00	32800.00	NA	ug/kg
CQ41-007	2085974.52	749656.98	1,1-Dichloroethene	8.5	10.5	30	61.965304	2190000.00	21900.00	NA	ug/kg
CQ41-007	2085974.52	749656.98	Trichloroethene	8.5	10.5	30	1058.5789	3280000.00	32800.00	NA	ug/kg
CQ41-011	2085967.15	749715.77	Trichloroethene	6.5	8.5	6.2	93.576303	3280000.00	32800.00	NA	ug/kg
CQ41-012	2086001.42	749723.55	Trichloroethene	8.5	9	150	1948.5556	3280000.00	32800.00	NA	ug/kg
CP40-001	2085917.34	749524.34	Titanium	2.5	4.5	0.19	173	NA	NA	NA	mg/kg
CP40-000	2085904.46	749540.87	Uranium-235	0.5	2.5	1	0.22	113.00	24.00	0.12	pCi/g
CP40-000	2085904.46	749540.87	Uranium 238/234	0.5	2.5	8	2.21	506.00	103.00	1.49	pCi/g
CP40-000	2085904.46	749540.87	Titanium	0.5	2.5	0.08	172	NA	NA	NA	mg/kg
CP40-000	2085904.46	749540.87	Uranium-235	2.5	4.5	1	0.178	113.00	24.00	0.12	pCi/g
CP40-000	2085904.46	749540.87	Uranium 238/234	2.5	4.5	8	2.27	506.00	103.00	1.49	pCi/g
CP40-000	2085904.46	749540.87	Titanium	2.5	4.5	0.082	146	NA	NA	NA	mg/kg
CP40-000	2085904.46	749540.87	Uranium 238/234	4.5	6.5	8	2.33	506.00	103.00	1.49	pCi/g
CP40-000	2085904.46	749540.87	Titanium	4.5	6.5	0.089	185	NA	NA	NA	mg/kg
CP40-003	2085930.47	749557.50	Uranium-235	0.5	2.5	1	0.121	113.00	24.00	0.12	pCi/g

Table 3
IHSS Group 900-153 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Reporting Limit	Result	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CP40-003	2085930.47	749557.50	Uranium 238/234	0.5	2.5	8	2.21	506.00	103.00	1.49	pCi/g
CP40-003	2085930.47	749557.50	Titanium	0.5	2.5	0.21	227	NA	NA	NA	mg/kg
CP40-003	2085930.47	749557.50	Aroclor-1254	0.5	2.5	700	5800	531000000.00	5310000.00	NA	ug/kg
CP40-003	2085930.47	749557.50	Tetrachloroethene	0.5	2.5	50	2500	3150000.00	31500.00	NA	ug/kg
CP40-003	2085930.47	749557.50	Uranium-235	2.5	4.5	1	0.233	113.00	24.00	0.12	pCi/g
CP40-003	2085930.47	749557.50	Uranium 238/234	2.5	4.5	8	2.87	506.00	103.00	1.49	pCi/g
CP40-003	2085930.47	749557.50	Titanium	2.5	4.5	0.2	129	NA	NA	NA	mg/kg
CP40-003	2085930.47	749557.50	Aroclor-1254	2.5	4.5	650	4000	531000000.00	5310000.00	NA	ug/kg
CP40-003	2085930.47	749557.50	Tetrachloroethene	2.5	4.5	450	99000	3150000.00	31500.00	NA	ug/kg
CP40-003	2085930.47	749557.50	Trichloroethene	2.5	4.5	270	2600	3280000.00	32800.00	NA	ug/kg
CP40-003	2085930.47	749557.50	Uranium-235	4.5	6.5	1	0.147	113.00	24.00	0.12	pCi/g
CP40-003	2085930.47	749557.50	Uranium 238/234	4.5	6.5	8	1.76	506.00	103.00	1.49	pCi/g
CP40-003	2085930.47	749557.50	Titanium	4.5	6.5	0.21	40.8	NA	NA	NA	mg/kg
CP40-003	2085930.47	749557.50	Arsenic	4.5	6.5	0.67	14.9	299.00	2.99	13.14	mg/kg
CP40-003	2085930.47	749557.50	Vanadium	4.5	6.5	0.28	92.4	13400.00	13400.00	88.49	mg/kg
CP40-003	2085930.47	749557.50	Aroclor-1254	4.5	6.5	7.3	110	531000000.00	5310000.00	NA	ug/kg
CP40-003	2085930.47	749557.50	Tetrachloroethene	4.5	6.5	52	11000	3150000.00	31500.00	NA	ug/kg
CP40-003	2085930.47	749557.50	Acetone	4.5	6.5	310	17000	27200000000.00	272000000.00	NA	ug/kg
CP40-003	2085930.47	749557.50	Uranium 238/234	6.5	7.7	8	1.91	506.00	103.00	1.49	pCi/g
CP40-003	2085930.47	749557.50	Titanium	6.5	7.7	0.21	43.5	NA	NA	NA	mg/kg
CP40-003	2085930.47	749557.50	Aroclor-1254	6.5	7.7	720	10000	531000000.00	5310000.00	NA	ug/kg
CP40-003	2085930.47	749557.50	Tetrachloroethene	6.5	7.7	260	54000	3150000.00	31500.00	NA	ug/kg
CP40-003	2085930.47	749557.50	Acetone	6.5	7.7	1500	9000	27200000000.00	272000000.00	NA	ug/kg
CP40-003	2085930.47	749557.50	1,1,1-Trichloroethane	6.5	7.7	120	2100	94800000.00	948000.00	NA	ug/kg
CP40-003	2085930.47	749557.50	Trichloroethene	6.5	7.7	160	5100	3280000.00	32800.00	NA	ug/kg
CQ41-000	2085967.12	749562.83	Uranium-235	0.5	2.5	1	0.25	113.00	24.00	0.12	pCi/g
CQ41-000	2085967.12	749562.83	Uranium 238/234	0.5	2.5	8	2.51	506.00	103.00	1.49	pCi/g
CQ41-000	2085967.12	749562.83	Titanium	0.5	2.5	0.2	110	NA	NA	NA	mg/kg
CQ41-000	2085967.12	749562.83	Uranium 238/234	2.5	4.5	8	2.84	506.00	103.00	1.49	pCi/g
CQ41-000	2085967.12	749562.83	Titanium	2.5	4.5	0.2	80	NA	NA	NA	mg/kg
CQ41-000	2085967.12	749562.83	Uranium-235	4.5	6.5	1	0.148	113.00	24.00	0.12	pCi/g
CQ41-000	2085967.12	749562.83	Uranium 238/234	4.5	6.5	8	5.16	506.00	103.00	1.49	pCi/g
CQ41-000	2085967.12	749562.83	Titanium	4.5	6.5	0.2	102	NA	NA	NA	mg/kg

Table 3
IHSS Group 900-153 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Reporting Limit	Result	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CQ41-000	2085967.12	749562.83	Uranium-235	6.5	8	1	0.165	113.00	24.00	0.12	pCi/g
CQ41-000	2085967.12	749562.83	Uranium 238/234	6.5	8	8	1.52	506.00	103.00	1.49	pCi/g
CQ41-000	2085967.12	749562.83	Aroclor-1260	6.5	8	500	9600	531000000.00	5310000.00	NA	ug/kg
CQ41-000	2085967.12	749562.83	Aroclor-1254	6.5	8	630	9000	531000000.00	5310000.00	NA	ug/kg
CQ41-000	2085967.12	749562.83	1,2,4-Trichlorobenzene	6.5	8	68	640	433000000.00	4330000.00	NA	ug/kg
CQ41-000	2085967.12	749562.83	1,2,4-Trichlorobenzene	6.5	8	21	2000	433000000.00	4330000.00	NA	ug/kg
CQ41-000	2085967.12	749562.83	1,2,3-Trichlorobenzene	6.5	8	4.2	530	NA	NA	NA	ug/kg
CQ41-000	2085967.12	749562.83	Naphthalene	6.5	8	4.5	43	10100000000.00	101000000.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	Uranium-235	0.5	2.5	1	0.223	113.00	24.00	0.12	pCi/g
CQ40-000	2085953.14	749529.64	Titanium	0.5	2.5	0.2	75.2	NA	NA	NA	mg/kg
CQ40-000	2085953.14	749529.64	Boron	0.5	2.5	0.37	2	NA	NA	NA	mg/kg
CQ40-000	2085953.14	749529.64	Aroclor-1254	0.5	2.5	37	640	531000000.00	5310000.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	Tetrachloroethene	0.5	2.5	5.7	81	3150000.00	31500.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	Chloroform	0.5	2.5	1	120	21400000.00	214000.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	1,1,1-Trichloroethane	0.5	2.5	1.1	27	94800000.00	948000.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	Trichloroethene	0.5	2.5	0.99	86	3280000.00	32800.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	Uranium-235	2.5	4.5	1	0.13	113.00	24.00	0.12	pCi/g
CQ40-000	2085953.14	749529.64	Uranium 238/234	2.5	4.5	8	2.9	506.00	103.00	1.49	pCi/g
CQ40-000	2085953.14	749529.64	Titanium	2.5	4.5	0.21	150	NA	NA	NA	mg/kg
CQ40-000	2085953.14	749529.64	Aroclor-1254	2.5	4.5	340	3500	531000000.00	5310000.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	1,2,4-Trichlorobenzene	2.5	4.5	0.81	8	433000000.00	4330000.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	Uranium-235	4.5	6.5	1	0.246	113.00	24.00	0.12	pCi/g
CQ40-000	2085953.14	749529.64	Uranium 238/234	4.5	6.5	8	2.47	506.00	103.00	1.49	pCi/g
CQ40-000	2085953.14	749529.64	Titanium	4.5	6.5	0.21	197	NA	NA	NA	mg/kg
CQ40-000	2085953.14	749529.64	Aroclor-1260	4.5	6.5	510	22000	531000000.00	5310000.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	Aroclor-1254	4.5	6.5	650	20000	531000000.00	5310000.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	Bis(2-Ethylhexyl)Phthalate	4.5	6.5	73	390	311000000000.00	3110000000.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	1,2,4-Trichlorobenzene	4.5	6.5	140	9500	433000000.00	4330000.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	Tetrachloroethene	4.5	6.5	1.1	70	3150000.00	31500.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	Chloroform	4.5	6.5	1	16	21400000.00	214000.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	Trichloroethene	4.5	6.5	0.97	6.8	3280000.00	32800.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	Uranium-235	6.5	8	1	0.133	113.00	24.00	0.12	pCi/g
CQ40-000	2085953.14	749529.64	Titanium	6.5	8	0.2	161	NA	NA	NA	mg/kg

Table 3
IHSS Group 900-153 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Reporting Limit	Result	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CQ40-000	2085953.14	749529.64	Aroclor-1260	6.5	8	270	2800	531000000.00	5310000.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	Aroclor-1254	6.5	8	340	2500	531000000.00	5310000.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	N-Nitroso-Di-N-Propylamine	6.5	8	97	450	1890.00	18.90	NA	ug/kg
CQ40-000	2085953.14	749529.64	1,2,4-Trichlorobenzene	6.5	8	26	1300	433000000.00	4330000.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	Tetrachloroethene	6.5	8	33	2100	3150000.00	31500.00	NA	ug/kg
CQ40-000	2085953.14	749529.64	1,2,3-Trichlorobenzene	6.5	8	41	290	NA	NA	NA	ug/kg
CP40-002	2085903.79	749491.68	Uranium 238/234	0.5	2.5	8	1.6	506.00	103.00	1.49	pCi/g
CP40-002	2085903.79	749491.68	Titanium	0.5	2.5	0.19	112	NA	NA	NA	mg/kg
CP40-002	2085903.79	749491.68	Uranium-235	2.5	4.5	1	0.211	113.00	24.00	0.12	pCi/g
CP40-002	2085903.79	749491.68	Titanium	2.5	4.5	0.21	149	NA	NA	NA	mg/kg
CP40-002	2085903.79	749491.68	Uranium-235	4.5	6.5	1	0.189	113.00	24.00	0.12	pCi/g
CP40-002	2085903.79	749491.68	Titanium	4.5	6.5	0.22	310	NA	NA	NA	mg/kg
CP40-002	2085903.79	749491.68	Uranium-235	6.5	8.5	1	0.126	113.00	24.00	0.12	pCi/g
CP40-002	2085903.79	749491.68	Uranium 238/234	6.5	8.5	8	2.31	506.00	103.00	1.49	pCi/g
CP40-002	2085903.79	749491.68	Titanium	6.5	8.5	0.21	261	NA	NA	NA	mg/kg
CP40-002	2085903.79	749491.68	Uranium-235	8.5	9.5	1	0.239	113.00	24.00	0.12	pCi/g
CP40-002	2085903.79	749491.68	Uranium 238/234	8.5	9.5	8	3.08	506.00	103.00	1.49	pCi/g
CP40-002	2085903.79	749491.68	Titanium	8.5	9.5	0.19	96.3	NA	NA	NA	mg/kg
CP40-001	2085917.34	749524.34	Uranium-235	0.5	2.5	1	0.135	113.00	24.00	0.12	pCi/g
CP40-001	2085917.34	749524.34	Uranium 238/234	0.5	2.5	8	4.13	506.00	103.00	1.49	pCi/g
CP40-001	2085917.34	749524.34	Titanium	0.5	2.5	0.2	89.3	NA	NA	NA	mg/kg
CP40-001	2085917.34	749524.34	Aroclor-1260	0.5	2.5	5.5	51	531000000.00	5310000.00	NA	ug/kg
CP40-001	2085917.34	749524.34	Aroclor-1254	0.5	2.5	4.9	180	531000000.00	5310000.00	NA	ug/kg
CP40-001	2085917.34	749524.34	Endrin	0.5	2.5	0.43	2.8	84700000.00	847000.00	NA	ug/kg
CP40-001	2085917.34	749524.34	Uranium-235	2.5	4.5	1	0.137	113.00	24.00	0.12	pCi/g
CP40-001	2085917.34	749524.34	Uranium 238/234	2.5	4.5	8	3.21	506.00	103.00	1.49	pCi/g
CP40-001	2085917.34	749524.34	Titanium	4.5	6.5	0.19	107	NA	NA	NA	mg/kg
CP40-001	2085917.34	749524.34	Uranium 238/234	4.5	6.5	8	3.57	506.00	103.00	1.49	pCi/g
CQ40-001	2085939.83	749495.90	Uranium-235	0.5	2.5	1	0.181	113.00	24.00	0.12	pCi/g
CQ40-001	2085939.83	749495.90	Uranium 238/234	0.5	2.5	8	2.37	506.00	103.00	1.49	pCi/g
CQ40-001	2085939.83	749495.90	Titanium	0.5	2.5	0.2	112	NA	NA	NA	mg/kg
CQ40-001	2085939.83	749495.90	Boron	0.5	2.5	0.37	2	NA	NA	NA	mg/kg
CQ40-001	2085939.83	749495.90	Aroclor-1260	0.5	2.5	5.3	120	531000000.00	5310000.00	NA	ug/kg

Table 3
IHSS Group 900-153 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Reporting Limit	Result	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CQ40-001	2085939.83	749495.90	Aroclor-1254	0.5	2.5	4.8	310	531000000.00	5310000.00	NA	ug/kg
CQ40-001	2085939.83	749495.90	Dieldrin	0.5	2.5	0.6	3.2	392000.00	3920.00	NA	ug/kg
CQ40-001	2085939.83	749495.90	Endrin	0.5	2.5	0.42	4.5	84700000.00	847000.00	NA	ug/kg
CQ40-001	2085939.83	749495.90	4,4'-Dde	0.5	2.5	0.35	2.5	3840000000.00	38400000.00	NA	ug/kg
CQ40-001	2085939.83	749495.90	Uranium-235	2.5	4.5	1	0.153	113.00	24.00	0.12	pCi/g
CQ40-001	2085939.83	749495.90	Uranium 238/234	2.5	4.5	8	2.8	506.00	103.00	1.49	pCi/g
CQ40-001	2085939.83	749495.90	Titanium	2.5	4.5	0.2	133	NA	NA	NA	mg/kg
CQ40-001	2085939.83	749495.90	Uranium-235	4.5	6.5	1	0.218	113.00	24.00	0.12	pCi/g
CQ40-001	2085939.83	749495.90	Uranium 238/234	4.5	6.5	8	4.81	506.00	103.00	1.49	pCi/g
CQ40-001	2085939.83	749495.90	Titanium	4.5	6.5	0.19	227	NA	NA	NA	mg/kg
CQ40-001	2085939.83	749495.90	Americium-241	6.5	8.5	4	0.223	209.00	38.00	0.02	pCi/g
CQ40-001	2085939.83	749495.90	Uranium-235	6.5	8.5	1	0.184	113.00	24.00	0.12	pCi/g
CQ40-001	2085939.83	749495.90	Uranium 238/234	6.5	8.5	8	4.05	506.00	103.00	1.49	pCi/g
CQ40-001	2085939.83	749495.90	Titanium	6.5	8.5	0.21	148	NA	NA	NA	mg/kg
CQ40-001	2085939.83	749495.90	Uranium 238/234	8.5	10.5	8	2.45	506.00	103.00	1.49	pCi/g
CQ40-001	2085939.83	749495.90	Titanium	8.5	10.5	0.21	42.6	NA	NA	NA	mg/kg
CQ40-002	2085972.93	749501.55	Uranium 238/234	0.5	2.5	8	1.69	506.00	103.00	1.49	pCi/g
CQ40-002	2085972.93	749501.55	Titanium	0.5	2.5	0.2	121	NA	NA	NA	mg/kg
CQ40-002	2085972.93	749501.55	Titanium	2.5	4.5	0.2	91.7	NA	NA	NA	mg/kg
CQ40-002	2085972.93	749501.55	Uranium-235	4.5	6.5	1	0.151	113.00	24.00	0.12	pCi/g
CQ40-002	2085972.93	749501.55	Titanium	4.5	6.5	0.22	208	NA	NA	NA	mg/kg
CQ40-002	2085972.93	749501.55	Uranium-235	6.5	8.5	1	0.131	113.00	24.00	0.12	pCi/g
CQ40-002	2085972.93	749501.55	Titanium	6.5	8.5	0.21	282	NA	NA	NA	mg/kg
CQ41-001	2085944.99	749591.30	1,2-Dichloroethane-D4	0.5	2.5	0	150508.07	NA	NA	NA	ug/kg
CQ41-001	2085944.99	749591.30	Toluene-D8	0.5	2.5	0	148326.36	NA	NA	NA	ug/kg
CQ41-001	2085944.99	749591.30	Chlorobenzene-D5	0.5	2.5	0	149432.16	NA	NA	NA	ug/kg
CQ41-001	2085944.99	749591.30	1,4-Dichlorobenzene-D4	0.5	2.5	0	149432.16	NA	NA	NA	ug/kg
CQ41-001	2085944.99	749591.30	4-Bromofluorobenzene	0.5	2.5	0	140257.02	NA	NA	NA	ug/kg
CQ41-001	2085944.99	749591.30	Fluorobenzene	0.5	2.5	0	149432.16	NA	NA	NA	ug/kg
CQ41-001	2085944.99	749591.30	Aroclor-1260	0.5	2.5	300	3500	531000000.00	5310000.00	NA	ug/kg
CQ41-001	2085944.99	749591.30	Aroclor-1254	0.5	2.5	270	11000	531000000.00	5310000.00	NA	ug/kg
CQ41-001	2085944.99	749591.30	1,2-Dichloroethane-D4	2.5	4.5	0	291740.41	NA	NA	NA	ug/kg
CQ41-001	2085944.99	749591.30	Toluene-D8	2.5	4.5	0	293746.31	NA	NA	NA	ug/kg

Table 3
IHSS Group 900-153 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Reporting Limit	Result	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CQ41-001	2085944.99	749591.30	Chlorobenzene-D5	2.5	4.5	0	294985.25	NA	NA	NA	ug/kg
CQ41-001	2085944.99	749591.30	1,4-Dichlorobenzene-D4	2.5	4.5	0	294985.25	NA	NA	NA	ug/kg
CQ41-001	2085944.99	749591.30	4-Bromofluorobenzene	2.5	4.5	0	284011.8	NA	NA	NA	ug/kg
CQ41-001	2085944.99	749591.30	Fluorobenzene	2.5	4.5	0	294985.25	NA	NA	NA	ug/kg
CQ41-001	2085944.99	749591.30	Aroclor-1260	2.5	4.5	290	3500	531000000.00	5310000.00	NA	ug/kg
CQ41-001	2085944.99	749591.30	Aroclor-1254	2.5	4.5	260	9000	531000000.00	5310000.00	NA	ug/kg
CQ41-001	2085944.99	749591.30	1,2-Dichloroethane-D4	4.5	5.8	0	121483.52	NA	NA	NA	ug/kg
CQ41-001	2085944.99	749591.30	Toluene-D8	4.5	5.8	0	116729.82	NA	NA	NA	ug/kg
CQ41-001	2085944.99	749591.30	Chlorobenzene-D5	4.5	5.8	0	114823.75	NA	NA	NA	ug/kg
CQ41-001	2085944.99	749591.30	1,4-Dichlorobenzene-D4	4.5	5.8	0	114823.75	NA	NA	NA	ug/kg
CQ41-001	2085944.99	749591.30	4-Bromofluorobenzene	4.5	5.8	0	108852.91	NA	NA	NA	ug/kg
CQ41-001	2085944.99	749591.30	Fluorobenzene	4.5	5.8	0	114823.75	NA	NA	NA	ug/kg
CQ41-001	2085944.99	749591.30	Aroclor-1260	4.5	5.8	250	3500	531000000.00	5310000.00	NA	ug/kg
CQ41-001	2085944.99	749591.30	Aroclor-1254	4.5	5.8	230	9300	531000000.00	5310000.00	NA	ug/kg
CQ41-002	2085986.65	749593.77	Aroclor-1260	0.5	2.5	25	450	531000000.00	5310000.00	NA	ug/kg
CQ41-002	2085986.65	749593.77	Aroclor-1254	0.5	2.5	22	1200	531000000.00	5310000.00	NA	ug/kg
CQ41-002	2085986.65	749593.77	1,2-Dichloroethane-D4	4.5	5.6	0	284.6749	NA	NA	NA	ug/kg
CQ41-002	2085986.65	749593.77	Toluene-D8	4.5	5.6	0	285.71429	NA	NA	NA	ug/kg
CQ41-002	2085986.65	749593.77	Chlorobenzene-D5	4.5	5.6	0	288.71694	NA	NA	NA	ug/kg
CQ41-002	2085986.65	749593.77	1,4-Dichlorobenzene-D4	4.5	5.6	0	288.71694	NA	NA	NA	ug/kg
CQ41-002	2085986.65	749593.77	4-Bromofluorobenzene	4.5	5.6	0	276.35986	NA	NA	NA	ug/kg
CQ41-002	2085986.65	749593.77	Fluorobenzene	4.5	5.6	0	288.71694	NA	NA	NA	ug/kg
CQ41-003	2086013.47	749568.15	Aroclor-1254	0.5	2.5	44	2400	531000000.00	5310000.00	NA	ug/kg
CQ41-003	2086013.47	749568.15	Aroclor-1254	2.5	4.5	24	840	531000000.00	5310000.00	NA	ug/kg
CQ41-003	2086013.47	749568.15	1,2-Dichloroethane-D4	4.5	6.5	0	61.748303	NA	NA	NA	ug/kg
CQ41-003	2086013.47	749568.15	Toluene-D8	4.5	6.5	0	56.450049	NA	NA	NA	ug/kg
CQ41-003	2086013.47	749568.15	Chlorobenzene-D5	4.5	6.5	0	60.620757	NA	NA	NA	ug/kg
CQ41-003	2086013.47	749568.15	1,4-Dichlorobenzene-D4	4.5	6.5	0	60.620757	NA	NA	NA	ug/kg
CQ41-003	2086013.47	749568.15	4-Bromofluorobenzene	4.5	6.5	0	54.922406	NA	NA	NA	ug/kg
CQ41-003	2086013.47	749568.15	Fluorobenzene	4.5	6.5	0	60.620757	NA	NA	NA	ug/kg
CQ41-003	2086013.47	749568.15	Aroclor-1254	4.5	6.5	25	360	531000000.00	5310000.00	NA	ug/kg
CQ41-003	2086013.47	749568.15	Tetrachloroethene	6.5	8.5	6.8	15.851006	3150000.00	31500.00	NA	ug/kg
CQ41-003	2086013.47	749568.15	1,2-Dichloroethane-D4	6.5	8.5	0	77.365417	NA	NA	NA	ug/kg

Table 3
IHSS Group 900-153 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Reporting Limit	Result	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CQ41-003	2086013.47	749568.15	Toluene-D8	6.5	8.5	0	69.575857	NA	NA	NA	ug/kg
CQ41-003	2086013.47	749568.15	Chlorobenzene-D5	6.5	8.5	0	67.971724	NA	NA	NA	ug/kg
CQ41-003	2086013.47	749568.15	1,4-Dichlorobenzene-D4	6.5	8.5	0	67.971724	NA	NA	NA	ug/kg
CQ41-003	2086013.47	749568.15	4-Bromofluorobenzene	6.5	8.5	0	68.474715	NA	NA	NA	ug/kg
CQ41-003	2086013.47	749568.15	Fluorobenzene	6.5	8.5	0	67.971724	NA	NA	NA	ug/kg
CQ41-003	2086013.47	749568.15	Aroclor-1254	6.5	8.5	5.5	140	531000000.00	5310000.00	NA	ug/kg
CQ41-003	2086013.47	749568.15	1,2-Dichloroethane-D4	8.5	10.5	0	160.56248	NA	NA	NA	ug/kg
CQ41-003	2086013.47	749568.15	Toluene-D8	8.5	10.5	0	155.51294	NA	NA	NA	ug/kg
CQ41-003	2086013.47	749568.15	Chlorobenzene-D5	8.5	10.5	0	159.79546	NA	NA	NA	ug/kg
CQ41-003	2086013.47	749568.15	1,4-Dichlorobenzene-D4	8.5	10.5	0	159.79546	NA	NA	NA	ug/kg
CQ41-003	2086013.47	749568.15	4-Bromofluorobenzene	8.5	10.5	0	151.26238	NA	NA	NA	ug/kg
CQ41-003	2086013.47	749568.15	Fluorobenzene	8.5	10.5	0	159.79546	NA	NA	NA	ug/kg
CQ40-003	2085987.33	749534.75	Xylenes, Total	0.5	2.5	11	33.171521	9740000000.00	97400000.00	NA	ug/kg
CQ40-003	2085987.33	749534.75	1,2-Dichloroethane-D4	0.5	2.5	0	58.079828	NA	NA	NA	ug/kg
CQ40-003	2085987.33	749534.75	Toluene-D8	0.5	2.5	0	52.071198	NA	NA	NA	ug/kg
CQ40-003	2085987.33	749534.75	Chlorobenzene-D5	0.5	2.5	0	53.937433	NA	NA	NA	ug/kg
CQ40-003	2085987.33	749534.75	1,4-Dichlorobenzene-D4	0.5	2.5	0	53.937433	NA	NA	NA	ug/kg
CQ40-003	2085987.33	749534.75	4-Bromofluorobenzene	0.5	2.5	0	51.434736	NA	NA	NA	ug/kg
CQ40-003	2085987.33	749534.75	Fluorobenzene	0.5	2.5	0	53.937433	NA	NA	NA	ug/kg
CQ40-003	2085987.33	749534.75	Aroclor-1260	0.5	2.5	26	210	531000000.00	5310000.00	NA	ug/kg
CQ40-003	2085987.33	749534.75	Aroclor-1254	0.5	2.5	23	980	531000000.00	5310000.00	NA	ug/kg
CQ40-003	2085987.33	749534.75	1,2-Dichloroethane-D4	2.5	4.5	0	56.846246	NA	NA	NA	ug/kg
CQ40-003	2085987.33	749534.75	Toluene-D8	2.5	4.5	0	50.814119	NA	NA	NA	ug/kg
CQ40-003	2085987.33	749534.75	Chlorobenzene-D5	2.5	4.5	0	54.638837	NA	NA	NA	ug/kg
CQ40-003	2085987.33	749534.75	1,4-Dichlorobenzene-D4	2.5	4.5	0	54.638837	NA	NA	NA	ug/kg
CQ40-003	2085987.33	749534.75	4-Bromofluorobenzene	2.5	4.5	0	49.644847	NA	NA	NA	ug/kg
CQ40-003	2085987.33	749534.75	Fluorobenzene	2.5	4.5	0	54.638837	NA	NA	NA	ug/kg
CQ40-003	2085987.33	749534.75	Aroclor-1254	2.5	4.5	470	3900	531000000.00	5310000.00	NA	ug/kg
CQ40-003	2085987.33	749534.75	Tetrachloroethene	4.5	6.5	5.6	13.566764	3150000.00	31500.00	NA	ug/kg
CQ40-003	2085987.33	749534.75	1,2-Dichloroethane-D4	4.5	6.5	0	61.461383	NA	NA	NA	ug/kg
CQ40-003	2085987.33	749534.75	Toluene-D8	4.5	6.5	0	52.251745	NA	NA	NA	ug/kg
CQ40-003	2085987.33	749534.75	Chlorobenzene-D5	4.5	6.5	0	56.293628	NA	NA	NA	ug/kg
CQ40-003	2085987.33	749534.75	1,4-Dichlorobenzene-D4	4.5	6.5	0	56.293628	NA	NA	NA	ug/kg

Table 3
IHSS Group 900-153 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Reporting Limit	Result	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CQ40-003	2085987.33	749534.75	4-Bromofluorobenzene	4.5	6.5	0	52.139158	NA	NA	NA	ug/kg
CQ40-003	2085987.33	749534.75	Fluorobenzene	4.5	6.5	0	56.293628	NA	NA	NA	ug/kg
CQ40-003	2085987.33	749534.75	Aroclor-1254	4.5	6.5	240	6900	531000000.00	5310000.00	NA	ug/kg
CP41-002	2085923.02	749619.50	Aroclor-1260	0.5	2.5	5.6	53	531000000.00	5310000.00	NA	ug/kg
CP41-002	2085923.02	749619.50	Aroclor-1254	0.5	2.5	5	290	531000000.00	5310000.00	NA	ug/kg
CP41-002	2085923.02	749619.50	1,2-Dichloroethane-D4	2.5	4.5	0	5425.918	NA	NA	NA	ug/kg
CP41-002	2085923.02	749619.50	Toluene-D8	2.5	4.5	0	5244.4492	NA	NA	NA	ug/kg
CP41-002	2085923.02	749619.50	Chlorobenzene-D5	2.5	4.5	0	5337.3185	NA	NA	NA	ug/kg
CP41-002	2085923.02	749619.50	1,4-Dichlorobenzene-D4	2.5	4.5	0	5337.3185	NA	NA	NA	ug/kg
CP41-002	2085923.02	749619.50	4-Bromofluorobenzene	2.5	4.5	0	5077.9249	NA	NA	NA	ug/kg
CP41-002	2085923.02	749619.50	Fluorobenzene	2.5	4.5	0	5337.3185	NA	NA	NA	ug/kg
CP41-002	2085923.02	749619.50	1,2-Dichloroethane-D4	4.5	6.5	0	262.57248	NA	NA	NA	ug/kg
CP41-002	2085923.02	749619.50	Toluene-D8	4.5	6.5	0	262.6252	NA	NA	NA	ug/kg
CP41-002	2085923.02	749619.50	Chlorobenzene-D5	4.5	6.5	0	263.57406	NA	NA	NA	ug/kg
CP41-002	2085923.02	749619.50	1,4-Dichlorobenzene-D4	4.5	6.5	0	263.57406	NA	NA	NA	ug/kg
CP41-002	2085923.02	749619.50	4-Bromofluorobenzene	4.5	6.5	0	256.29942	NA	NA	NA	ug/kg
CP41-002	2085923.02	749619.50	Fluorobenzene	4.5	6.5	0	263.57406	NA	NA	NA	ug/kg
CP41-002	2085923.02	749619.50	1,2-Dichloroethane-D4	6.5	8.5	0	70.828152	NA	NA	NA	ug/kg
CP41-002	2085923.02	749619.50	Toluene-D8	6.5	8.5	0	61.539418	NA	NA	NA	ug/kg
CP41-002	2085923.02	749619.50	Chlorobenzene-D5	6.5	8.5	0	62.173589	NA	NA	NA	ug/kg
CP41-002	2085923.02	749619.50	1,4-Dichlorobenzene-D4	6.5	8.5	0	62.173589	NA	NA	NA	ug/kg
CP41-002	2085923.02	749619.50	4-Bromofluorobenzene	6.5	8.5	0	61.564287	NA	NA	NA	ug/kg
CP41-002	2085923.02	749619.50	Fluorobenzene	6.5	8.5	0	62.173589	NA	NA	NA	ug/kg
CP41-002	2085923.02	749619.50	1,2-Dichloroethane-D4	8.5	9.3	0	66.103881	NA	NA	NA	ug/kg
CP41-002	2085923.02	749619.50	Toluene-D8	8.5	9.3	0	56.302028	NA	NA	NA	ug/kg
CP41-002	2085923.02	749619.50	Chlorobenzene-D5	8.5	9.3	0	58.62352	NA	NA	NA	ug/kg
CP41-002	2085923.02	749619.50	1,4-Dichlorobenzene-D4	8.5	9.3	0	58.62352	NA	NA	NA	ug/kg
CP41-002	2085923.02	749619.50	4-Bromofluorobenzene	8.5	9.3	0	55.621996	NA	NA	NA	ug/kg
CP41-002	2085923.02	749619.50	Fluorobenzene	8.5	9.3	0	58.62352	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	1,2-Dichloroethane-D4	0.5	2.5	0	280.56101	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	Toluene-D8	0.5	2.5	0	284.02401	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	Chlorobenzene-D5	0.5	2.5	0	288.58363	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	1,4-Dichlorobenzene-D4	0.5	2.5	0	288.58363	NA	NA	NA	ug/kg

Table 3
IHSS Group 900-153 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Reporting Limit	Result	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CQ41-005	2085961.19	749623.02	4-Bromofluorobenzene	0.5	2.5	0	264.22717	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	Fluorobenzene	0.5	2.5	0	288.58363	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	Aroclor-1260	0.5	2.5	29	830	531000000.00	5310000.00	NA	ug/kg
CQ41-005	2085961.19	749623.02	Aroclor-1254	0.5	2.5	26	1800	531000000.00	5310000.00	NA	ug/kg
CQ41-005	2085961.19	749623.02	1,2-Dichloroethane-D4	2.5	4.5	0	468500	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	Toluene-D8	2.5	4.5	0	489100	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	Chlorobenzene-D5	2.5	4.5	0	500000	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	1,4-Dichlorobenzene-D4	2.5	4.5	0	500000	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	4-Bromofluorobenzene	2.5	4.5	0	456800	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	Fluorobenzene	2.5	4.5	0	500000	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	Aroclor-1260	2.5	4.5	590	7300	531000000.00	5310000.00	NA	ug/kg
CQ41-005	2085961.19	749623.02	Aroclor-1254	2.5	4.5	530	21000	531000000.00	5310000.00	NA	ug/kg
CQ41-005	2085961.19	749623.02	1,2-Dichloroethane-D4	4.5	6.5	0	923000	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	Toluene-D8	4.5	6.5	0	978000	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	Chlorobenzene-D5	4.5	6.5	0	1000000	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	1,4-Dichlorobenzene-D4	4.5	6.5	0	1000000	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	4-Bromofluorobenzene	4.5	6.5	0	893600	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	Fluorobenzene	4.5	6.5	0	1000000	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	Aroclor-1260	4.5	6.5	2800	62000	531000000.00	5310000.00	NA	ug/kg
CQ41-005	2085961.19	749623.02	Aroclor-1254	4.5	6.5	2500	170000	531000000.00	5310000.00	NA	ug/kg
CQ41-005	2085961.19	749623.02	1,2-Dichloroethane-D4	6.5	8.5	0	985000	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	Toluene-D8	6.5	8.5	0	1005000	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	Chlorobenzene-D5	6.5	8.5	0	1000000	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	1,4-Dichlorobenzene-D4	6.5	8.5	0	1000000	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	4-Bromofluorobenzene	6.5	8.5	0	914400	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	Fluorobenzene	6.5	8.5	0	1000000	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	Aroclor-1260	6.5	8.5	5000	60000	531000000.00	5310000.00	NA	ug/kg
CQ41-005	2085961.19	749623.02	Aroclor-1254	6.5	8.5	4500	160000	531000000.00	5310000.00	NA	ug/kg
CQ41-005	2085961.19	749623.02	1,2-Dichloroethane-D4	8.5	10.5	0	908800	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	Toluene-D8	8.5	10.5	0	968000	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	Chlorobenzene-D5	8.5	10.5	0	1000000	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	1,4-Dichlorobenzene-D4	8.5	10.5	0	1000000	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	4-Bromofluorobenzene	8.5	10.5	0	866000	NA	NA	NA	ug/kg

Table 3
IHSS Group 900-153 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Reporting Limit	Result	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CQ41-005	2085961.19	749623.02	Fluorobenzene	8.5	10.5	0	1000000	NA	NA	NA	ug/kg
CQ41-005	2085961.19	749623.02	Aroclor-1260	8.5	10.5	560	6000	531000000.00	5310000.00	NA	ug/kg
CQ41-005	2085961.19	749623.02	Aroclor-1254	8.5	10.5	500	17000	531000000.00	5310000.00	NA	ug/kg
CQ41-006	2085938.91	749650.62	Tetrachloroethene	0.5	2.5	5.9	11.671368	3150000.00	31500.00	NA	ug/kg
CQ41-006	2085938.91	749650.62	1,2-Dichloroethane-D4	0.5	2.5	0	64.245416	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	Toluene-D8	0.5	2.5	0	53.138223	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	Chlorobenzene-D5	0.5	2.5	0	58.768218	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	1,4-Dichlorobenzene-D4	0.5	2.5	0	58.768218	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	4-Bromofluorobenzene	0.5	2.5	0	55.688764	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	Fluorobenzene	0.5	2.5	0	58.768218	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	Aroclor-1260	0.5	2.5	5.7	180	531000000.00	5310000.00	NA	ug/kg
CQ41-006	2085938.91	749650.62	Aroclor-1254	0.5	2.5	5.1	330	531000000.00	5310000.00	NA	ug/kg
CQ41-006	2085938.91	749650.62	1,2-Dichloroethane-D4	2.5	4.5	0	53.550747	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	Toluene-D8	2.5	4.5	0	47.607437	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	Chlorobenzene-D5	2.5	4.5	0	50.797521	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	1,4-Dichlorobenzene-D4	2.5	4.5	0	50.797521	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	4-Bromofluorobenzene	2.5	4.5	0	49.933963	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	Fluorobenzene	2.5	4.5	0	50.797521	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	Tetrachloroethene	4.5	6.5	5.4	6.718817	3150000.00	31500.00	NA	ug/kg
CQ41-006	2085938.91	749650.62	1,2-Dichloroethane-D4	4.5	6.5	0	55.925846	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	Toluene-D8	4.5	6.5	0	49.924989	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	Chlorobenzene-D5	4.5	6.5	0	53.579083	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	1,4-Dichlorobenzene-D4	4.5	6.5	0	53.579083	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	4-Bromofluorobenzene	4.5	6.5	0	52.507501	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	Fluorobenzene	4.5	6.5	0	53.579083	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	Trichloroethene	4.5	6.5	5.4	5.9901414	3280000.00	32800.00	NA	ug/kg
CQ41-006	2085938.91	749650.62	Tetrachloroethene	6.5	8.5	5.8	22.816045	3150000.00	31500.00	NA	ug/kg
CQ41-006	2085938.91	749650.62	1,2-Dichloroethane-D4	6.5	8.5	0	67.875102	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	Toluene-D8	6.5	8.5	0	53.642849	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	Chlorobenzene-D5	6.5	8.5	0	58.472693	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	1,4-Dichlorobenzene-D4	6.5	8.5	0	58.472693	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	4-Bromofluorobenzene	6.5	8.5	0	56.76529	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	Fluorobenzene	6.5	8.5	0	58.472693	NA	NA	NA	ug/kg

Table 3
IHSS Group 900-153 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Reporting Limit	Result	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CQ41-006	2085938.91	749650.62	Trichloroethene	6.5	8.5	5.8	14.431061	3280000.00	32800.00	NA	ug/kg
CQ41-006	2085938.91	749650.62	Tetrachloroethene	8.5	9.2	2.9	2.9883466	3150000.00	31500.00	NA	ug/kg
CQ41-006	2085938.91	749650.62	1,2-Dichloroethane-D4	8.5	9.2	0	31.037268	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	Toluene-D8	8.5	9.2	0	26.416292	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	Chlorobenzene-D5	8.5	9.2	0	28.845044	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	1,4-Dichlorobenzene-D4	8.5	9.2	0	28.845044	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	4-Bromofluorobenzene	8.5	9.2	0	28.746971	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	Fluorobenzene	8.5	9.2	0	28.845044	NA	NA	NA	ug/kg
CQ41-006	2085938.91	749650.62	Trichloroethene	8.5	9.2	2.9	3.1152648	3280000.00	32800.00	NA	ug/kg
CQ41-007	2085974.52	749656.98	1,2-Dichloroethane-D4	0.5	2.5	0	66.030369	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	Toluene-D8	0.5	2.5	0	51.279827	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	Chlorobenzene-D5	0.5	2.5	0	54.229935	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	1,4-Dichlorobenzene-D4	0.5	2.5	0	54.229935	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	4-Bromofluorobenzene	0.5	2.5	0	57.093276	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	Fluorobenzene	0.5	2.5	0	54.229935	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	Aroclor-1260	0.5	2.5	5.2	38	531000000.00	5310000.00	NA	ug/kg
CQ41-007	2085974.52	749656.98	Aroclor-1254	0.5	2.5	4.6	91	531000000.00	5310000.00	NA	ug/kg
CQ41-007	2085974.52	749656.98	1,2-Dichloroethane-D4	2.5	4.5	0	54.951716	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	Toluene-D8	2.5	4.5	0	46.496815	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	Chlorobenzene-D5	2.5	4.5	0	51.366345	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	1,4-Dichlorobenzene-D4	2.5	4.5	0	51.366345	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	4-Bromofluorobenzene	2.5	4.5	0	48.93158	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	Fluorobenzene	2.5	4.5	0	51.366345	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	1,2-Dichloroethane-D4	4.5	6.5	0	57.259979	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	Toluene-D8	4.5	6.5	0	48.187702	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	Chlorobenzene-D5	4.5	6.5	0	53.937433	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	1,4-Dichlorobenzene-D4	4.5	6.5	0	53.937433	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	4-Bromofluorobenzene	4.5	6.5	0	51.078749	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	Fluorobenzene	4.5	6.5	0	53.937433	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	1,2-Dichloroethane-D4	6.5	8.5	0	57.196262	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	Toluene-D8	6.5	8.5	0	47.788162	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	Chlorobenzene-D5	6.5	8.5	0	51.92108	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	1,4-Dichlorobenzene-D4	6.5	8.5	0	51.92108	NA	NA	NA	ug/kg

Table 3
IHSS Group 900-153 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Reporting Limit	Result	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CQ41-007	2085974.52	749656.98	4-Bromofluorobenzene	6.5	8.5	0	50.259605	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	Fluorobenzene	6.5	8.5	0	51.92108	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	Tetrachloroethene	8.5	10.5	30	644.90257	3150000.00	31500.00	NA	ug/kg
CQ41-007	2085974.52	749656.98	1,2-Dichloroethane-D4	8.5	10.5	0	328.125	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	Toluene-D8	8.5	10.5	0	266.93203	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	Chlorobenzene-D5	8.5	10.5	0	297.05323	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	1,4-Dichlorobenzene-D4	8.5	10.5	0	297.05323	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	4-Bromofluorobenzene	8.5	10.5	0	280.18061	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	Fluorobenzene	8.5	10.5	0	297.05323	NA	NA	NA	ug/kg
CQ41-007	2085974.52	749656.98	Chloroform	8.5	10.5	30	40.161597	21400000.00	214000.00	NA	ug/kg
CQ41-004	2085992.78	749626.46	Tetrachloroethene	0.5	2.5	27	65.829363	3150000.00	31500.00	NA	ug/kg
CQ41-004	2085992.78	749626.46	1,2-Dichloroethane-D4	0.5	2.5	0	299.15548	NA	NA	NA	ug/kg
CQ41-004	2085992.78	749626.46	Toluene-D8	0.5	2.5	0	247.67215	NA	NA	NA	ug/kg
CQ41-004	2085992.78	749626.46	Chlorobenzene-D5	0.5	2.5	0	270.67995	NA	NA	NA	ug/kg
CQ41-004	2085992.78	749626.46	1,4-Dichlorobenzene-D4	0.5	2.5	0	270.67995	NA	NA	NA	ug/kg
CQ41-004	2085992.78	749626.46	4-Bromofluorobenzene	0.5	2.5	0	276.79731	NA	NA	NA	ug/kg
CQ41-004	2085992.78	749626.46	Fluorobenzene	0.5	2.5	0	270.67995	NA	NA	NA	ug/kg
CQ41-004	2085992.78	749626.46	Aroclor-1254	0.5	2.5	47	2900	531000000.00	5310000.00	NA	ug/kg
CQ41-004	2085992.78	749626.46	Tetrachloroethene	2.5	4.5	290	437.28893	3150000.00	31500.00	NA	ug/kg
CQ41-004	2085992.78	749626.46	1,2-Dichloroethane-D4	2.5	4.5	0	3060.4402	NA	NA	NA	ug/kg
CQ41-004	2085992.78	749626.46	Toluene-D8	2.5	4.5	0	2652.2651	NA	NA	NA	ug/kg
CQ41-004	2085992.78	749626.46	Chlorobenzene-D5	2.5	4.5	0	2911.3777	NA	NA	NA	ug/kg
CQ41-004	2085992.78	749626.46	1,4-Dichlorobenzene-D4	2.5	4.5	0	2911.3777	NA	NA	NA	ug/kg
CQ41-004	2085992.78	749626.46	4-Bromofluorobenzene	2.5	4.5	0	2815.3022	NA	NA	NA	ug/kg
CQ41-004	2085992.78	749626.46	Fluorobenzene	2.5	4.5	0	2911.3777	NA	NA	NA	ug/kg
CQ41-004	2085992.78	749626.46	Aroclor-1260	2.5	4.5	54	1500	531000000.00	5310000.00	NA	ug/kg
CQ41-004	2085992.78	749626.46	Aroclor-1254	2.5	4.5	49	3600	531000000.00	5310000.00	NA	ug/kg
CQ41-004	2085992.78	749626.46	1,2-Dichloroethane-D4	4.5	6.5	0	3029.731	NA	NA	NA	ug/kg
CQ41-004	2085992.78	749626.46	Toluene-D8	4.5	6.5	0	2744.219	NA	NA	NA	ug/kg
CQ41-004	2085992.78	749626.46	Chlorobenzene-D5	4.5	6.5	0	2949.5045	NA	NA	NA	ug/kg
CQ41-004	2085992.78	749626.46	1,4-Dichlorobenzene-D4	4.5	6.5	0	2949.5045	NA	NA	NA	ug/kg
CQ41-004	2085992.78	749626.46	4-Bromofluorobenzene	4.5	6.5	0	2892.874	NA	NA	NA	ug/kg
CQ41-004	2085992.78	749626.46	Fluorobenzene	4.5	6.5	0	2949.5045	NA	NA	NA	ug/kg

Table 3
IHSS Group 900-153 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Reporting Limit	Result	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CQ41-004	2085992.78	749626.46	Aroclor-1254	4.5	6.5	25	780	531000000.00	5310000.00	NA	ug/kg
CQ41-004	2085992.78	749626.46	Aroclor-1260	6.5	8.5	5.8	43	531000000.00	5310000.00	NA	ug/kg
CQ41-004	2085992.78	749626.46	Aroclor-1254	6.5	8.5	5.2	97	531000000.00	5310000.00	NA	ug/kg
CQ41-010	2085987.82	749690.93	1,2,4-Trichlorobenzene	8.5	9.5	0.82	17	433000000.00	4330000.00	NA	ug/kg
CQ41-010	2085987.82	749690.93	Tetrachloroethene	8.5	9.5	1.1	550	3150000.00	31500.00	NA	ug/kg
CQ41-008	2086039.39	749669.66	Tetrachloroethene	6.5	8	1.2	38	3150000.00	31500.00	NA	ug/kg
CQ41-008	2086039.39	749669.66	Trichloroethene	6.5	8	1	10	3280000.00	32800.00	NA	ug/kg
CQ41-008	2086039.39	749669.66	Tetrachloroethene	8	8.5	1.2	11	3150000.00	31500.00	NA	ug/kg
CQ41-009	2085953.28	749682.87	1,2-Dichloroethane-D4	2.5	4.5	0	54.946234	NA	NA	NA	ug/kg
CQ41-009	2085953.28	749682.87	Toluene-D8	2.5	4.5	0	51.340355	NA	NA	NA	ug/kg
CQ41-009	2085953.28	749682.87	Chlorobenzene-D5	2.5	4.5	0	51.074766	NA	NA	NA	ug/kg
CQ41-009	2085953.28	749682.87	1,4-Dichlorobenzene-D4	2.5	4.5	0	51.074766	NA	NA	NA	ug/kg
CQ41-009	2085953.28	749682.87	4-Bromofluorobenzene	2.5	4.5	0	51.156486	NA	NA	NA	ug/kg
CQ41-009	2085953.28	749682.87	Fluorobenzene	2.5	4.5	0	51.074766	NA	NA	NA	ug/kg
CQ41-009	2085953.28	749682.87	1,2-Dichloroethane-D4	4.5	6.5	0	2812.5461	NA	NA	NA	ug/kg
CQ41-009	2085953.28	749682.87	Toluene-D8	4.5	6.5	0	2845.2755	NA	NA	NA	ug/kg
CQ41-009	2085953.28	749682.87	Chlorobenzene-D5	4.5	6.5	0	2727.4497	NA	NA	NA	ug/kg
CQ41-009	2085953.28	749682.87	1,4-Dichlorobenzene-D4	4.5	6.5	0	2727.4497	NA	NA	NA	ug/kg
CQ41-009	2085953.28	749682.87	4-Bromofluorobenzene	4.5	6.5	0	2773.2708	NA	NA	NA	ug/kg
CQ41-009	2085953.28	749682.87	Fluorobenzene	4.5	6.5	0	2727.4497	NA	NA	NA	ug/kg
CQ41-009	2085953.28	749682.87	1,2-Dichloroethane-D4	6.5	8	0	2839.4049	NA	NA	NA	ug/kg
CQ41-009	2085953.28	749682.87	Toluene-D8	6.5	8	0	2795.4093	NA	NA	NA	ug/kg
CQ41-009	2085953.28	749682.87	Chlorobenzene-D5	6.5	8	0	2820.2273	NA	NA	NA	ug/kg
CQ41-009	2085953.28	749682.87	1,4-Dichlorobenzene-D4	6.5	8	0	2820.2273	NA	NA	NA	ug/kg
CQ41-009	2085953.28	749682.87	4-Bromofluorobenzene	6.5	8	0	2651.0137	NA	NA	NA	ug/kg
CQ41-009	2085953.28	749682.87	Fluorobenzene	6.5	8	0	2820.2273	NA	NA	NA	ug/kg
CQ41-009	2085953.28	749682.87	Tetrachloroethene	8	8.5	28	38.246187	3150000.00	31500.00	NA	ug/kg
CQ41-009	2085953.28	749682.87	1,2-Dichloroethane-D4	8	8.5	0	288.66502	NA	NA	NA	ug/kg
CQ41-009	2085953.28	749682.87	Toluene-D8	8	8.5	0	284.36646	NA	NA	NA	ug/kg
CQ41-009	2085953.28	749682.87	Chlorobenzene-D5	8	8.5	0	275.54889	NA	NA	NA	ug/kg
CQ41-009	2085953.28	749682.87	1,4-Dichlorobenzene-D4	8	8.5	0	275.54889	NA	NA	NA	ug/kg
CQ41-009	2085953.28	749682.87	4-Bromofluorobenzene	8	8.5	0	272.68319	NA	NA	NA	ug/kg
CQ41-009	2085953.28	749682.87	Fluorobenzene	8	8.5	0	275.54889	NA	NA	NA	ug/kg

Table 3
IHSS Group 900-153 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Reporting Limit	Result	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CQ41-011	2085967.15	749715.77	1,2-Dichloroethane-D4	0.5	2.5	0	57.026109	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	Toluene-D8	0.5	2.5	0	55.910182	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	Chlorobenzene-D5	0.5	2.5	0	56.935013	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	1,4-Dichlorobenzene-D4	0.5	2.5	0	56.935013	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	4-Bromofluorobenzene	0.5	2.5	0	52.926788	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	Fluorobenzene	0.5	2.5	0	56.935013	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	1,2-Dichloroethane-D4	2.5	4.5	0	53.021077	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	Toluene-D8	2.5	4.5	0	50.777761	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	Chlorobenzene-D5	2.5	4.5	0	50.525135	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	1,4-Dichlorobenzene-D4	2.5	4.5	0	50.525135	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	4-Bromofluorobenzene	2.5	4.5	0	50.424085	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	Fluorobenzene	2.5	4.5	0	50.525135	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	1,2-Dichloroethane-D4	4.5	6.5	0	56.196557	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	Toluene-D8	4.5	6.5	0	55.098324	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	Chlorobenzene-D5	4.5	6.5	0	54.911625	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	1,4-Dichlorobenzene-D4	4.5	6.5	0	54.911625	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	4-Bromofluorobenzene	4.5	6.5	0	53.80241	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	Fluorobenzene	4.5	6.5	0	54.911625	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	Tetrachloroethene	6.5	8.5	6.2	107.80039	3150000.00	31500.00	NA	ug/kg
CQ41-011	2085967.15	749715.77	1,2-Dichloroethane-D4	6.5	8.5	0	60.883044	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	Toluene-D8	6.5	8.5	0	61.387531	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	Chlorobenzene-D5	6.5	8.5	0	61.522881	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	1,4-Dichlorobenzene-D4	6.5	8.5	0	61.522881	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	4-Bromofluorobenzene	6.5	8.5	0	60.132464	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	Fluorobenzene	6.5	8.5	0	61.522881	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	1,2-Dichloroethane-D4	8.5	10.5	0	59.533959	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	Toluene-D8	8.5	10.5	0	57.216593	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	Chlorobenzene-D5	8.5	10.5	0	58.816399	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	1,4-Dichlorobenzene-D4	8.5	10.5	0	58.816399	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	4-Bromofluorobenzene	8.5	10.5	0	56.781351	NA	NA	NA	ug/kg
CQ41-011	2085967.15	749715.77	Fluorobenzene	8.5	10.5	0	58.816399	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	1,2-Dichloroethane-D4	0.5	2.5	0	61.635164	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	Toluene-D8	0.5	2.5	0	54.268451	NA	NA	NA	ug/kg

Table 3
IHSS Group 900-153 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Reporting Limit	Result	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CQ41-012	2086001.42	749723.55	Chlorobenzene-D5	0.5	2.5	0	49.842442	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	1,4-Dichlorobenzene-D4	0.5	2.5	0	49.842442	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	4-Bromofluorobenzene	0.5	2.5	0	53.461003	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	Fluorobenzene	0.5	2.5	0	49.842442	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	1,2-Dichloroethane-D4	2.5	4.5	0	55.967126	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	Toluene-D8	2.5	4.5	0	53.982115	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	Chlorobenzene-D5	2.5	4.5	0	50.897714	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	1,4-Dichlorobenzene-D4	2.5	4.5	0	50.897714	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	4-Bromofluorobenzene	2.5	4.5	0	54.460554	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	Fluorobenzene	2.5	4.5	0	50.897714	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	Tetrachloroethene	4.5	6.5	5.5	7.4102576	3150000.00	31500.00	NA	ug/kg
CQ41-012	2086001.42	749723.55	1,2-Dichloroethane-D4	4.5	6.5	0	57.692582	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	Toluene-D8	4.5	6.5	0	56.223685	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	Chlorobenzene-D5	4.5	6.5	0	54.809597	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	1,4-Dichlorobenzene-D4	4.5	6.5	0	54.809597	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	4-Bromofluorobenzene	4.5	6.5	0	56.267533	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	Fluorobenzene	4.5	6.5	0	54.809597	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	Tetrachloroethene	6.5	8.5	130	346.55872	3150000.00	31500.00	NA	ug/kg
CQ41-012	2086001.42	749723.55	1,2-Dichloroethane-D4	6.5	8.5	0	1287.9382	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	Toluene-D8	6.5	8.5	0	1398.837	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	Chlorobenzene-D5	6.5	8.5	0	1260.2135	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	1,4-Dichlorobenzene-D4	6.5	8.5	0	1260.2135	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	4-Bromofluorobenzene	6.5	8.5	0	1382.9583	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	Fluorobenzene	6.5	8.5	0	1260.2135	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	Tetrachloroethene	8.5	9	150	2997.4157	3150000.00	31500.00	NA	ug/kg
CQ41-012	2086001.42	749723.55	1,2-Dichloroethane-D4	8.5	9	0	1495.7657	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	Toluene-D8	8.5	9	0	1563.1399	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	Chlorobenzene-D5	8.5	9	0	1471.0521	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	1,4-Dichlorobenzene-D4	8.5	9	0	1471.0521	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	4-Bromofluorobenzene	8.5	9	0	1521.362	NA	NA	NA	ug/kg
CQ41-012	2086001.42	749723.55	Fluorobenzene	8.5	9	0	1471.0521	NA	NA	NA	ug/kg
CQ41-013	2086046.18	749718.13	1,2-Dichloroethane-D4	0.5	2.5	0	51.160731	NA	NA	NA	ug/kg
CQ41-013	2086046.18	749718.13	Toluene-D8	0.5	2.5	0	49.800388	NA	NA	NA	ug/kg

Table 3
IHSS Group 900-153 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Reporting Limit	Result	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CQ41-013	2086046.18	749718.13	Chlorobenzene-D5	0.5	2.5	0	49.287795	NA	NA	NA	ug/kg
CQ41-013	2086046.18	749718.13	1,4-Dichlorobenzene-D4	0.5	2.5	0	49.287795	NA	NA	NA	ug/kg
CQ41-013	2086046.18	749718.13	4-Bromofluorobenzene	0.5	2.5	0	49.63281	NA	NA	NA	ug/kg
CQ41-013	2086046.18	749718.13	Fluorobenzene	0.5	2.5	0	49.287795	NA	NA	NA	ug/kg
CQ41-013	2086046.18	749718.13	1,2-Dichloroethane-D4	2.5	4.5	0	63.337638	NA	NA	NA	ug/kg
CQ41-013	2086046.18	749718.13	Toluene-D8	2.5	4.5	0	60.404105	NA	NA	NA	ug/kg
CQ41-013	2086046.18	749718.13	Chlorobenzene-D5	2.5	4.5	0	60.61018	NA	NA	NA	ug/kg
CQ41-013	2086046.18	749718.13	1,4-Dichlorobenzene-D4	2.5	4.5	0	60.61018	NA	NA	NA	ug/kg
CQ41-013	2086046.18	749718.13	4-Bromofluorobenzene	2.5	4.5	0	60.949597	NA	NA	NA	ug/kg
CQ41-013	2086046.18	749718.13	Fluorobenzene	2.5	4.5	0	60.61018	NA	NA	NA	ug/kg
CQ41-013	2086046.18	749718.13	1,2-Dichloroethane-D4	4.5	6.5	0	306.87078	NA	NA	NA	ug/kg
CQ41-013	2086046.18	749718.13	Toluene-D8	4.5	6.5	0	297.41041	NA	NA	NA	ug/kg
CQ41-013	2086046.18	749718.13	Chlorobenzene-D5	4.5	6.5	0	295.63659	NA	NA	NA	ug/kg
CQ41-013	2086046.18	749718.13	1,4-Dichlorobenzene-D4	4.5	6.5	0	295.63659	NA	NA	NA	ug/kg
CQ41-013	2086046.18	749718.13	4-Bromofluorobenzene	4.5	6.5	0	294.74968	NA	NA	NA	ug/kg
CQ41-013	2086046.18	749718.13	Fluorobenzene	4.5	6.5	0	295.63659	NA	NA	NA	ug/kg
CQ41-013	2086046.18	749718.13	1,2-Dichloroethane-D4	6.5	8.5	0	60.197566	NA	NA	NA	ug/kg
CQ41-013	2086046.18	749718.13	Toluene-D8	6.5	8.5	0	59.402724	NA	NA	NA	ug/kg
CQ41-013	2086046.18	749718.13	Chlorobenzene-D5	6.5	8.5	0	58.444238	NA	NA	NA	ug/kg
CQ41-013	2086046.18	749718.13	1,4-Dichlorobenzene-D4	6.5	8.5	0	58.444238	NA	NA	NA	ug/kg
CQ41-013	2086046.18	749718.13	4-Bromofluorobenzene	6.5	8.5	0	57.894863	NA	NA	NA	ug/kg
CQ41-013	2086046.18	749718.13	Fluorobenzene	6.5	8.5	0	58.444238	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	1,2-Dichloroethane-D4	0.5	2.5	0	52.397792	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	Toluene-D8	0.5	2.5	0	52.561279	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	Chlorobenzene-D5	0.5	2.5	0	51.08989	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	1,4-Dichlorobenzene-D4	0.5	2.5	0	51.08989	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	4-Bromofluorobenzene	0.5	2.5	0	49.138257	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	Fluorobenzene	0.5	2.5	0	51.08989	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	1,2-Dichloroethane-D4	2.5	4.5	0	54.065097	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	Toluene-D8	2.5	4.5	0	55.462872	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	Chlorobenzene-D5	2.5	4.5	0	53.350204	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	1,4-Dichlorobenzene-D4	2.5	4.5	0	53.350204	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	4-Bromofluorobenzene	2.5	4.5	0	52.31521	NA	NA	NA	ug/kg

Table 3
IHSS Group 900-153 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Reporting Limit	Result	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CP41-001	2085886.00	749614.98	Fluorobenzene	2.5	4.5	0	53.350204	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	1,2-Dichloroethane-D4	4.5	6.5	0	50.873792	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	Toluene-D8	4.5	6.5	0	52.137928	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	Chlorobenzene-D5	4.5	6.5	0	51.387668	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	1,4-Dichlorobenzene-D4	4.5	6.5	0	51.387668	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	4-Bromofluorobenzene	4.5	6.5	0	49.486325	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	Fluorobenzene	4.5	6.5	0	51.387668	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	1,2-Dichloroethane-D4	6.5	8.5	0	57.883518	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	Toluene-D8	6.5	8.5	0	57.5814	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	Chlorobenzene-D5	6.5	8.5	0	55.947727	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	1,4-Dichlorobenzene-D4	6.5	8.5	0	55.947727	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	4-Bromofluorobenzene	6.5	8.5	0	53.743386	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	Fluorobenzene	6.5	8.5	0	55.947727	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	1,2-Dichloroethane-D4	8.5	10.5	0	57.778736	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	Toluene-D8	8.5	10.5	0	61.041591	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	Chlorobenzene-D5	8.5	10.5	0	59.541154	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	1,4-Dichlorobenzene-D4	8.5	10.5	0	59.541154	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	4-Bromofluorobenzene	8.5	10.5	0	58.397964	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	Fluorobenzene	8.5	10.5	0	59.541154	NA	NA	NA	ug/kg
CP41-001	2085886.00	749614.98	Carbon Tetrachloride	8.5	10.5	6	10.693591	3560000.00	35600.00	NA	ug/kg
CP41-001	2085886.00	749614.98	Trichloroethene	8.5	10.5	6	6.3232705	3280000.00	32800.00	NA	ug/kg
CQ42-001	2085969.76	749814.43	1,2-Dichloroethane-D4	0.5	2.5	0	54.894735	NA	NA	NA	ug/kg
CQ42-001	2085969.76	749814.43	Toluene-D8	0.5	2.5	0	59.403865	NA	NA	NA	ug/kg
CQ42-001	2085969.76	749814.43	Chlorobenzene-D5	0.5	2.5	0	56.08371	NA	NA	NA	ug/kg
CQ42-001	2085969.76	749814.43	1,4-Dichlorobenzene-D4	0.5	2.5	0	56.08371	NA	NA	NA	ug/kg
CQ42-001	2085969.76	749814.43	4-Bromofluorobenzene	0.5	2.5	0	57.799871	NA	NA	NA	ug/kg
CQ42-001	2085969.76	749814.43	Fluorobenzene	0.5	2.5	0	56.08371	NA	NA	NA	ug/kg
CQ42-001	2085969.76	749814.43	Carbon Tetrachloride	0.5	2.5	5.6	7.3806162	3560000.00	35600.00	NA	ug/kg
CQ42-001	2085969.76	749814.43	1,2-Dichloroethane-D4	2.5	4.5	0	54.64582	NA	NA	NA	ug/kg
CQ42-001	2085969.76	749814.43	Toluene-D8	2.5	4.5	0	56.425815	NA	NA	NA	ug/kg
CQ42-001	2085969.76	749814.43	Chlorobenzene-D5	2.5	4.5	0	55.624817	NA	NA	NA	ug/kg
CQ42-001	2085969.76	749814.43	1,4-Dichlorobenzene-D4	2.5	4.5	0	55.624817	NA	NA	NA	ug/kg
CQ42-001	2085969.76	749814.43	4-Bromofluorobenzene	2.5	4.5	0	53.2552	NA	NA	NA	ug/kg

Table 3
IHSS Group 900-153 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Reporting Limit	Result	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CQ42-001	2085969.76	749814.43	Fluorobenzene	2.5	4.5	0	55.624817	NA	NA	NA	ug/kg
CQ42-000	2086005.61	749819.94	1,2-Dichloroethane-D4	0.5	2.5	0	54.702793	NA	NA	NA	ug/kg
CQ42-000	2086005.61	749819.94	Toluene-D8	0.5	2.5	0	57.072303	NA	NA	NA	ug/kg
CQ42-000	2086005.61	749819.94	Chlorobenzene-D5	0.5	2.5	0	56.686832	NA	NA	NA	ug/kg
CQ42-000	2086005.61	749819.94	1,4-Dichlorobenzene-D4	0.5	2.5	0	56.686832	NA	NA	NA	ug/kg
CQ42-000	2086005.61	749819.94	4-Bromofluorobenzene	0.5	2.5	0	54.804829	NA	NA	NA	ug/kg
CQ42-000	2086005.61	749819.94	Fluorobenzene	0.5	2.5	0	56.686832	NA	NA	NA	ug/kg
CQ42-000	2086005.61	749819.94	1,2-Dichloroethane-D4	2.5	4.5	0	56.25918	NA	NA	NA	ug/kg
CQ42-000	2086005.61	749819.94	Toluene-D8	2.5	4.5	0	57.198471	NA	NA	NA	ug/kg
CQ42-000	2086005.61	749819.94	Chlorobenzene-D5	2.5	4.5	0	54.609959	NA	NA	NA	ug/kg
CQ42-000	2086005.61	749819.94	1,4-Dichlorobenzene-D4	2.5	4.5	0	54.609959	NA	NA	NA	ug/kg
CQ42-000	2086005.61	749819.94	4-Bromofluorobenzene	2.5	4.5	0	53.62698	NA	NA	NA	ug/kg
CQ42-000	2086005.61	749819.94	Fluorobenzene	2.5	4.5	0	54.609959	NA	NA	NA	ug/kg
CQ42-000	2086005.61	749819.94	1,2-Dichloroethane-D4	4.5	6.5	0	52.612247	NA	NA	NA	ug/kg
CQ42-000	2086005.61	749819.94	Toluene-D8	4.5	6.5	0	55.820179	NA	NA	NA	ug/kg
CQ42-000	2086005.61	749819.94	Chlorobenzene-D5	4.5	6.5	0	54.005592	NA	NA	NA	ug/kg
CQ42-000	2086005.61	749819.94	1,4-Dichlorobenzene-D4	4.5	6.5	0	54.005592	NA	NA	NA	ug/kg
CQ42-000	2086005.61	749819.94	4-Bromofluorobenzene	4.5	6.5	0	52.677054	NA	NA	NA	ug/kg
CQ42-000	2086005.61	749819.94	Fluorobenzene	4.5	6.5	0	54.005592	NA	NA	NA	ug/kg
CQ42-000	2086005.61	749819.94	1,2-Dichloroethane-D4	8.5	9.5	0	60.835766	NA	NA	NA	ug/kg
CQ42-000	2086005.61	749819.94	Toluene-D8	8.5	9.5	0	60.394025	NA	NA	NA	ug/kg
CQ42-000	2086005.61	749819.94	Chlorobenzene-D5	8.5	9.5	0	56.633557	NA	NA	NA	ug/kg
CQ42-000	2086005.61	749819.94	1,4-Dichlorobenzene-D4	8.5	9.5	0	56.633557	NA	NA	NA	ug/kg
CQ42-000	2086005.61	749819.94	4-Bromofluorobenzene	8.5	9.5	0	57.109278	NA	NA	NA	ug/kg
CQ42-000	2086005.61	749819.94	Fluorobenzene	8.5	9.5	0	56.633557	NA	NA	NA	ug/kg

SD = standard deviation
NA = not applicable

Table 4
IHSS 900-154 Surface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CN40-001	2085531.71	749521.81	Aroclor-1260	0	0.5	10.00	5.30	224000.00	2240.00	NA	ug/kg
CO40-001	2085564.01	749538.39	Aroclor-1260	0	0.5	16.00	5.40	224000.00	2240.00	NA	ug/kg
CO40-003	2085600.11	749540.32	Aroclor-1260	0	0.5	9.00	5.90	224000.00	2240.00	NA	ug/kg
CN40-000	2085529.69	749496.98	4,4'-Dichlorodiphenyldichloroethylene	0	0.5	0.60	0.37	1320000.00	13200.00	NA	ug/kg
CO40-000	2085561.46	749502.56	Methoxychlor	0	0.5	0.75	0.19	9610000.00	9610000.00	NA	ug/kg
CN40-001	2085531.71	749521.81	Lithium	0	0.5	13.20	0.27	38400.00	38400.00	11.55	mg/kg
CN40-001	2085531.71	749521.81	Molybdenum	0	0.5	0.17	0.15	9610.00	9610.00	NA	mg/kg
CN40-001	2085531.71	749521.81	Thallium	0	0.5	1.20	0.49	NA	NA	NA	mg/kg
CN40-001	2085531.71	749521.81	Tin	0	0.5	1.80	0.31	1000000.00	1000000.00	NA	mg/kg
CO40-001	2085564.01	749538.39	Tin	0	0.5	0.75	0.32	1000000.00	1000000.00	NA	mg/kg
CO40-003	2085600.11	749540.32	Lithium	0	0.5	12.60	0.28	38400.00	38400.00	11.55	mg/kg
CO40-003	2085600.11	749540.32	Tin	0	0.5	1.60	0.44	1000000.00	1000000.00	NA	mg/kg
CN40-000	2085529.69	749496.98	Thallium	0	0.5	1.20	0.85	NA	NA	NA	mg/kg
CN40-000	2085529.69	749496.98	Tin	0	0.5	1.30	0.42	1000000.00	1000000.00	NA	mg/kg
CN40-000	2085529.69	749496.98	Boron	0	0.5	1.60	0.58	NA	NA	NA	mg/kg
CO40-000	2085561.46	749502.56	Thallium	0	0.5	1.10	0.84	NA	NA	NA	mg/kg
CO40-000	2085561.46	749502.56	Tin	0	0.5	1.40	0.42	1000000.00	1000000.00	NA	mg/kg
CO40-000	2085561.46	749502.56	Boron	0	0.5	0.92	0.58	NA	NA	NA	mg/kg
CO40-002	2085594.20	749517.27	Tin	0	0.5	1.20	0.31	1000000.00	1000000.00	NA	mg/kg
CN40-001	2085531.71	749521.81	Uranium-235	0	0.5	0.27	1.00	135.00	24.00	0.09	pCi/g
CN40-001	2085531.71	749521.81	Aluminum	0	0.5	21700.00	2.00	1000000.00	1000000.00	16902.00	mg/kg
CN40-001	2085531.71	749521.81	Magnesium	0	0.5	3600.00	2.40	NA	NA	2849.30	mg/kg
CN40-001	2085531.71	749521.81	Nickel	0	0.5	15.50	0.48	38400.00	38400.00	14.91	mg/kg
CN40-001	2085531.71	749521.81	Strontium	0	0.5	60.40	0.02	1000000.00	1000000.00	48.94	mg/kg
CN40-001	2085531.71	749521.81	Titanium	0	0.5	57.20	0.08	NA	NA	NA	mg/kg
CN40-001	2085531.71	749521.81	Beryllium	0	0.5	1.20	0.06	104.00	1.04	0.97	mg/kg
CN40-001	2085531.71	749521.81	Boron	0	0.5	2.00	0.58	NA	NA	NA	mg/kg
CN40-001	2085531.71	749521.81	Chromium	0	0.5	20.70	0.39	44300.00	4410.00	16.99	mg/kg
CN40-001	2085531.71	749521.81	Vanadium	0	0.5	46.90	0.34	13400.00	13400.00	45.59	mg/kg
CN40-001	2085531.71	749521.81	Calcium	0	0.5	10200.00	1.10	NA	NA	4467.00	mg/kg
CO40-001	2085564.01	749538.39	Uranium-235	0	0.5	0.22	1.00	135.00	24.00	0.09	pCi/g

Table 4
IHSS 900-154 Surface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier II Action Level	Background Mean+2SD	Unit
CO40-001	2085564.01	749538.39	Uranium 238/234	0	0.5	2.53	8.00	586.00	103.00	2.00	pCi/g
CO40-001	2085564.01	749538.39	Magnesium	0	0.5	3150.00	2.40	NA	NA	2849.30	mg/kg
CO40-001	2085564.01	749538.39	Strontium	0	0.5	81.90	0.02	1000000.00	1000000.00	48.94	mg/kg
CO40-001	2085564.01	749538.39	Titanium	0	0.5	55.80	0.09	NA	NA	NA	mg/kg
CO40-001	2085564.01	749538.39	Calcium	0	0.5	55300.00	1.20	NA	NA	4467.00	mg/kg
CO40-003	2085600.11	749540.32	Uranium 238/234	0	0.5	2.38	8.00	586.00	103.00	2.00	pCi/g
CO40-003	2085600.11	749540.32	Magnesium	0	0.5	5250.00	2.40	NA	NA	2849.30	mg/kg
CO40-003	2085600.11	749540.32	Strontium	0	0.5	156.00	0.01	1000000.00	1000000.00	48.94	mg/kg
CO40-003	2085600.11	749540.32	Uranium-235	0	0.5	0.20	1.00	135.00	24.00	0.09	pCi/g
CO40-003	2085600.11	749540.32	Titanium	0	0.5	106.00	0.21	NA	NA	NA	mg/kg
CO40-003	2085600.11	749540.32	Boron	0	0.5	17.60	0.60	NA	NA	NA	mg/kg
CO40-003	2085600.11	749540.32	Calcium	0	0.5	107000.00	1.20	NA	NA	4467.00	mg/kg
CN40-000	2085529.69	749496.98	Uranium-235	0	0.5	0.20	1.00	135.00	24.00	0.09	pCi/g
CN40-000	2085529.69	749496.98	Aluminum	0	0.5	18100.00	2.00	1000000.00	1000000.00	16902.00	mg/kg
CN40-000	2085529.69	749496.98	Magnesium	0	0.5	3170.00	2.30	NA	NA	2849.30	mg/kg
CN40-000	2085529.69	749496.98	Nickel	0	0.5	15.80	0.70	38400.00	38400.00	14.91	mg/kg
CN40-000	2085529.69	749496.98	Strontium	0	0.5	62.90	0.01	1000000.00	1000000.00	48.94	mg/kg
CN40-000	2085529.69	749496.98	Titanium	0	0.5	50.80	0.20	NA	NA	NA	mg/kg
CN40-000	2085529.69	749496.98	Barium	0	0.5	154.00	0.04	133000.00	133000.00	141.26	mg/kg
CN40-000	2085529.69	749496.98	Vanadium	0	0.5	49.00	0.27	13400.00	13400.00	45.59	mg/kg
CN40-000	2085529.69	749496.98	Calcium	0	0.5	19900.00	1.10	NA	NA	4467.00	mg/kg
CN40-000	2085529.69	749496.98	Aroclor-1260	0	0.5	63.00	5.50	224000.00	2240.00	NA	ug/kg
CO40-000	2085561.46	749502.56	Uranium 238/234	0	0.5	2.78	8.00	586.00	103.00	2.00	pCi/g
CO40-000	2085561.46	749502.56	Magnesium	0	0.5	3210.00	2.30	NA	NA	2849.30	mg/kg
CO40-000	2085561.46	749502.56	Strontium	0	0.5	64.30	0.01	1000000.00	1000000.00	48.94	mg/kg
CO40-000	2085561.46	749502.56	Titanium	0	0.5	42.90	0.20	NA	NA	NA	mg/kg
CO40-000	2085561.46	749502.56	Vanadium	0	0.5	53.20	0.27	13400.00	13400.00	45.59	mg/kg
CO40-000	2085561.46	749502.56	Calcium	0	0.5	40400.00	1.10	NA	NA	4467.00	mg/kg
CO40-002	2085594.20	749517.27	Uranium-235	0	0.5	0.16	1.00	135.00	24.00	0.09	pCi/g
CO40-002	2085594.20	749517.27	Strontium	0	0.5	68.20	0.02	1000000.00	1000000.00	48.94	mg/kg
CO40-002	2085594.20	749517.27	Titanium	0	0.5	69.60	0.08	NA	NA	NA	mg/kg
CO40-002	2085594.20	749517.27	Boron	0	0.5	1.90	0.58	NA	NA	NA	mg/kg
CO40-002	2085594.20	749517.27	Calcium	0	0.5	54000.00	1.10	NA	NA	4467.00	mg/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CP40-000	2085904.5	749540.87	Methoxychlor	0	0.5	0.28	0.18	9610000.00	9610000.00	NA	ug/kg
CP40-000	2085904.5	749540.87	Methylene Chloride	0.5	2.5	1.8	0.89	578000.00	5780.00	NA	ug/kg
CP40-000	2085904.5	749540.87	Methylene Chloride	2.5	4.5	1.6	0.85	578000.00	5780.00	NA	ug/kg
CP40-000	2085904.5	749540.87	Methylene Chloride	4.5	6.5	1.9	0.93	578000.00	5780.00	NA	ug/kg
CQ41-000	2085967.1	749562.83	Methylene Chloride	0.5	2.5	1.7	0.85	578000.00	5780.00	NA	ug/kg
CQ41-000	2085967.1	749562.83	Methylene Chloride	2.5	4.5	2.1	0.86	578000.00	5780.00	NA	ug/kg
CQ41-000	2085967.1	749562.83	Methylene Chloride	6.5	8	15	4.20	578000.00	5780.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	Methylene Chloride	0.5	2.5	1.2	0.91	578000.00	5780.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	Methylene Chloride	2.5	4.5	1	0.92	578000.00	5780.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	Naphthalene	4.5	6.5	5.1	0.96	10100000000.00	101000000.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	Acetone	6.5	8	680	410.00	27200000000.00	272000000.00	NA	ug/kg
CP40-002	2085903.8	749491.68	Naphthalene	0.5	2.5	4.9	0.93	10100000000.00	101000000.00	NA	ug/kg
CP40-002	2085903.8	749491.68	Naphthalene	2.5	4.5	5.2	0.99	10100000000.00	101000000.00	NA	ug/kg
CP40-002	2085903.8	749491.68	Naphthalene	4.5	6.5	5.3	1.00	10100000000.00	101000000.00	NA	ug/kg
CP40-002	2085903.8	749491.68	Methylene Chloride	6.5	8.5	1.2	0.91	578000.00	5780.00	NA	ug/kg
CP40-002	2085903.8	749491.68	Methylene Chloride	8.5	9.5	1.1	0.85	578000.00	5780.00	NA	ug/kg
CQ41-010	2085987.8	749690.93	Methylene Chloride	0.5	2.5	3.1	0.89	578000.00	5780.00	NA	ug/kg
CQ41-010	2085987.8	749690.93	Methylene Chloride	2.5	4.5	2.4	0.86	578000.00	5780.00	NA	ug/kg
CQ41-010	2085987.8	749690.93	Methylene Chloride	4.5	6.5	2.9	0.94	578000.00	5780.00	NA	ug/kg
CQ41-010	2085987.8	749690.93	Methylene Chloride	6.5	8.5	2.3	0.86	578000.00	5780.00	NA	ug/kg
CQ41-010	2085987.8	749690.93	Methylene Chloride	8.5	9.5	2.8	0.93	578000.00	5780.00	NA	ug/kg
CQ41-008	2086039.4	749669.66	Methylene Chloride	0.5	2.5	1.9	0.81	578000.00	5780.00	NA	ug/kg
CQ41-008	2086039.4	749669.66	Methylene Chloride	2.5	4.5	2.2	0.82	578000.00	5780.00	NA	ug/kg
CQ41-008	2086039.4	749669.66	Methylene Chloride	4.5	6.5	3	1.00	578000.00	5780.00	NA	ug/kg
CQ41-008	2086039.4	749669.66	Methylene Chloride	6.5	8	2.7	0.95	578000.00	5780.00	NA	ug/kg
CQ41-008	2086039.4	749669.66	Methylene Chloride	8	8.5	2.6	0.93	578000.00	5780.00	NA	ug/kg
CO40-003	2085600.1	749540.32	Methylene Chloride	0.5	2.5	1.7	0.90	578000.00	5780.00	NA	ug/kg
CO40-003	2085600.1	749540.32	Methylene Chloride	2.5	4.5	1.4	0.98	578000.00	5780.00	NA	ug/kg
CO40-003	2085600.1	749540.32	Methylene Chloride	4.5	6.5	1.3	1.00	578000.00	5780.00	NA	ug/kg
CO40-003	2085600.1	749540.32	Methylene Chloride	6.5	8	1.2	0.94	578000.00	5780.00	NA	ug/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CN40-000	2085529.7	749496.98	Methylene Chloride	0.5	2.5	1.6	0.91	578000.00	5780.00	NA	ug/kg
CN40-000	2085529.7	749496.98	Methylene Chloride	2.5	4.5	1.7	0.94	578000.00	5780.00	NA	ug/kg
CN40-000	2085529.7	749496.98	Methylene Chloride	4.5	8.5	1.7	0.93	578000.00	5780.00	NA	ug/kg
CN40-000	2085529.7	749496.98	Methylene Chloride	6.5	8.5	2.2	0.91	578000.00	5780.00	NA	ug/kg
CN40-000	2085529.7	749496.98	Methylene Chloride	8.5	10.5	1.4	0.92	578000.00	5780.00	NA	ug/kg
CO40-000	2085561.5	749502.56	Methylene Chloride	0.5	2.5	1.1	0.93	578000.00	5780.00	NA	ug/kg
CO40-000	2085561.5	749502.56	Methylene Chloride	2.5	4.5	1.1	0.97	578000.00	5780.00	NA	ug/kg
CO40-000	2085561.5	749502.56	Methylene Chloride	4.5	6.5	1.2	0.98	578000.00	5780.00	NA	ug/kg
CO40-000	2085561.5	749502.56	Methylene Chloride	6.8	8.5	1.2	0.96	578000.00	5780.00	NA	ug/kg
CO40-002	2085594.2	749517.27	Methylene Chloride	0.5	2.5	1.3	0.97	578000.00	5780.00	NA	ug/kg
CO40-002	2085594.2	749517.27	Methylene Chloride	2.5	4.5	1.1	0.94	578000.00	5780.00	NA	ug/kg
CO40-002	2085594.2	749517.27	Methylene Chloride	4.5	6.5	1.1	0.97	578000.00	5780.00	NA	ug/kg
CP40-000	2085904.5	749540.87	Aroclor-1254	0.5	2.5	11	6.60	531000000.00	5310000.00	NA	ug/kg
CP40-003	2085930.5	749557.5	Acetone	0.5	2.5	590	300.00	27200000000.00	272000000.00	NA	ug/kg
CP40-003	2085930.5	749557.5	1,1,1-Trichloroethane	0.5	2.5	28	24.00	94800000.00	948000.00	NA	ug/kg
CP40-003	2085930.5	749557.5	Carbon Disulfide	0.5	2.5	27	24.00	988000000.00	9880000.00	NA	ug/kg
CP40-003	2085930.5	749557.5	Trichloroethene	0.5	2.5	35	30.00	3280000.00	32800.00	NA	ug/kg
CP40-003	2085930.5	749557.5	Bis(2-Ethylhexyl)Phthalate	2.5	4.5	130	74.00	311000000000.00	3110000000.00	NA	ug/kg
CP40-003	2085930.5	749557.5	Phenanthrene	2.5	4.5	42	40.00	NA	NA	NA	ug/kg
CP40-003	2085930.5	749557.5	2-Methylnaphthalene	2.5	4.5	150	63.00	NA	NA	NA	ug/kg
CP40-003	2085930.5	749557.5	1,1,1-Trichloroethane	2.5	4.5	1100	210.00	94800000.00	948000.00	NA	ug/kg
CP40-003	2085930.5	749557.5	1,2-Dichloroethane	4.5	6.5	35	26.00	668000.00	6680.00	NA	ug/kg
CP40-003	2085930.5	749557.5	4-Methyl-2-Pentanone	4.5	6.5	850	86.00	NA	NA	NA	ug/kg
CP40-003	2085930.5	749557.5	1,1,1-Trichloroethane	4.5	6.5	78	25.00	94800000.00	948000.00	NA	ug/kg
CP40-003	2085930.5	749557.5	Trichloroethene	4.5	6.5	150	32.00	3280000.00	32800.00	NA	ug/kg
CP40-003	2085930.5	749557.5	1,2,4-Trimethylbenzene	4.5	6.5	27	25.00	NA	NA	NA	ug/kg
CP40-003	2085930.5	749557.5	Aroclor-1260	6.5	7.7	1200	570.00	531000000.00	5310000.00	NA	ug/kg
CP40-003	2085930.5	749557.5	Toluene	6.5	7.7	350	220.00	707000000.00	7070000.00	NA	ug/kg
CP40-003	2085930.5	749557.5	1,2,4-Trimethylbenzene	6.5	7.7	180	120.00	NA	NA	NA	ug/kg
CQ41-000	2085967.1	749562.83	Aroclor-1254	0	0.5	8.2	6.90	224000.00	2240.00	NA	ug/kg
CQ41-000	2085967.1	749562.83	Aroclor-1254	0.5	2.5	6.7	6.40	531000000.00	5310000.00	NA	ug/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CQ41-000	2085967.1	749562.83	1,2-Dichloroethane	0.5	2.5	2.6	1.10	668000.00	6680.00	NA	ug/kg
CQ41-000	2085967.1	749562.83	1,2-Dichloroethane	2.5	4.5	4.3	1.10	668000.00	6680.00	NA	ug/kg
CQ41-000	2085967.1	749562.83	Tetrachloroethene	4.5	6.5	240	47.00	3150000.00	31500.00	NA	ug/kg
CQ41-000	2085967.1	749562.83	Acetone	4.5	6.5	730	280.00	27200000000.00	272000000.00	NA	ug/kg
CQ41-000	2085967.1	749562.83	Chloroform	4.5	6.5	270	22.00	21400000.00	214000.00	NA	ug/kg
CQ41-000	2085967.1	749562.83	1,1,1-Trichloroethane	4.5	6.5	100	22.00	94800000.00	948000.00	NA	ug/kg
CQ41-000	2085967.1	749562.83	Trichloroethene	4.5	6.5	260	29.00	3280000.00	32800.00	NA	ug/kg
CQ41-000	2085967.1	749562.83	Bis(2-Ethylhexyl)Phthalate	6.5	8	82	74.00	311000000000.00	3110000000.00	NA	ug/kg
CQ41-000	2085967.1	749562.83	Tetrachloroethene	6.5	8	7.9	5.20	3150000.00	31500.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	Aroclor-1254	0	0.5	11	6.60	224000.00	2240.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	1,2-Dichloroethane	0.5	2.5	2.1	1.10	668000.00	6680.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	1,2,4-Trichlorobenzene	0.5	2.5	3	0.81	433000000.00	4330000.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	1,2-Dichloroethane	2.5	4.5	4.1	1.10	668000.00	6680.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	Tetrachloroethene	2.5	4.5	5.3	1.10	3150000.00	31500.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	Chloroform	2.5	4.5	2.3	1.00	21400000.00	214000.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	Trichloroethene	2.5	4.5	1.2	1.00	3280000.00	32800.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	1,2,3-Trichlorobenzene	2.5	4.5	3.6	0.93	NA	NA	NA	ug/kg
CQ40-000	2085953.1	749529.64	1,2-Dichloroethane	4.5	6.5	1.7	1.10	668000.00	6680.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	4-Bromophenyl Phenyl Ether	6.5	8	110	79.00	NA	NA	NA	ug/kg
CQ40-000	2085953.1	749529.64	1,2,4-Trichlorobenzene	6.5	8	240	71.00	433000000.00	4330000.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	Chloroform	6.5	8	34	32.00	21400000.00	214000.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	Trichloroethene	6.5	8	51	33.00	3280000.00	32800.00	NA	ug/kg
CP40-002	2085903.8	749491.68	Pyrene	0	0.5	61	46.00	57600000.00	57600000.00	NA	ug/kg
CP40-002	2085903.8	749491.68	Acetone	0.5	2.5	5.9	5.00	27200000000.00	272000000.00	NA	ug/kg
CP40-002	2085903.8	749491.68	Acetone	2.5	4.5	5.5	5.30	27200000000.00	272000000.00	NA	ug/kg
CP40-002	2085903.8	749491.68	1,2-Dichloroethane	4.5	6.5	2.2	1.20	668000.00	6680.00	NA	ug/kg
CP40-001	2085917.3	749524.34	Di-N-Octyl Phthalate	0	0.5	150	40.00	1000000000.00	38400000.00	NA	ug/kg
CP40-001	2085917.3	749524.34	Aroclor-1254	0	0.5	16	4.60	224000.00	2240.00	NA	ug/kg
CP40-001	2085917.3	749524.34	Acetone	0.5	2.5	7.5	5.20	27200000000.00	272000000.00	NA	ug/kg
CP40-001	2085917.3	749524.34	4,4'-Dichlorodiphenyltrichloroethane	0.5	2.5	0.79	0.38	2260000000.00	22600000.00	NA	ug/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CP40-001	2085917.3	749524.34	Dieldrin	0.5	2.5	1.4	0.62	392000.00	3920.00	NA	ug/kg
CP40-001	2085917.3	749524.34	4,4'-Dichlorodiphenyldichloroethylene	0.5	2.5	1.1	0.37	3840000000.00	38400000.00	NA	ug/kg
CP40-001	2085917.3	749524.34	Acetone	2.5	4.5	8.2	4.80	27200000000.00	272000000.00	NA	ug/kg
CP40-001	2085917.3	749524.34	Acetone	4.5	6.5	9.4	5.00	27200000000.00	272000000.00	NA	ug/kg
CQ40-001	2085939.8	749495.9	Aldrin	0	0.5	0.59	0.41	26400.00	264.00	NA	ug/kg
CQ40-001	2085939.8	749495.9	4,4'-Dichlorodiphenyldichloroethylene	0	0.5	1.4	0.34	1320000.00	13200.00	NA	ug/kg
CQ40-001	2085939.8	749495.9	Endosulfan II	0.5	2.5	0.91	0.73	1630000000.00	16300000.00	NA	ug/kg
CQ40-001	2085939.8	749495.9	Acetone	0.5	2.5	5.9	4.90	27200000000.00	272000000.00	NA	ug/kg
CQ40-001	2085939.8	749495.9	Acetone	2.5	4.5	7.9	5.00	27200000000.00	272000000.00	NA	ug/kg
CQ40-001	2085939.8	749495.9	Acetone	4.5	6.5	6.9	4.80	27200000000.00	272000000.00	NA	ug/kg
CQ40-001	2085939.8	749495.9	Acetone	8.5	10.5	5.4	5.00	27200000000.00	272000000.00	NA	ug/kg
CQ40-002	2085972.9	749501.55	Endosulfan II	0	0.5	0.7	0.69	1000000000.00	11500000.00	NA	ug/kg
CQ40-002	2085972.9	749501.55	4,4'-Dichlorodiphenyldichloroethylene	0	0.5	1.5	0.34	1320000.00	13200.00	NA	ug/kg
CQ40-002	2085972.9	749501.55	Acetone	0.5	2.5	7	5.30	27200000000.00	272000000.00	NA	ug/kg
CQ40-002	2085972.9	749501.55	Aroclor-1254	2.5	4.5	7	5.10	531000000.00	5310000.00	NA	ug/kg
CQ40-002	2085972.9	749501.55	Acetone	4.5	6.5	11	5.30	27200000000.00	272000000.00	NA	ug/kg
CQ40-002	2085972.9	749501.55	Acetone	6.5	8.5	7.3	5.00	27200000000.00	272000000.00	NA	ug/kg
CP41-000	2085908.7	749586.29	Aroclor-1254	2.5	4.5	27	4.60	531000000.00	5310000.00	NA	ug/kg
CP41-000	2085908.7	749586.29	Aroclor-1254	4.5	5.7	37	4.90	531000000.00	5310000.00	NA	ug/kg
CQ41-002	2085986.6	749593.77	Aroclor-1254	2.5	4.5	8	5.20	531000000.00	5310000.00	NA	ug/kg
CQ41-002	2085986.6	749593.77	Aroclor-1254	4.5	5.6	15	5.00	531000000.00	5310000.00	NA	ug/kg
CQ41-003	2086013.5	749568.15	Aroclor-1260	0.5	2.5	250	50.00	531000000.00	5310000.00	NA	ug/kg
CQ41-003	2086013.5	749568.15	Aroclor-1260	2.5	4.5	91	27.00	531000000.00	5310000.00	NA	ug/kg
CQ40-003	2085987.3	749534.75	Aroclor-1260	2.5	4.5	2500	520.00	531000000.00	5310000.00	NA	ug/kg
CQ41-005	2085961.2	749623.02	Aroclor-1016	6.5	8.5	17000	3500.00	531000000.00	5310000.00	NA	ug/kg
CQ41-005	2085961.2	749623.02	Aroclor-1016	8.5	10.5	1500	390.00	531000000.00	5310000.00	NA	ug/kg
CQ41-006	2085938.9	749650.62	Aroclor-1254	2.5	4.5	7.9	4.50	531000000.00	5310000.00	NA	ug/kg
CQ41-006	2085938.9	749650.62	Aroclor-1254	4.5	6.5	6.2	4.80	531000000.00	5310000.00	NA	ug/kg
CQ41-007	2085974.5	749656.98	Aroclor-1254	2.5	4.5	9.8	4.90	531000000.00	5310000.00	NA	ug/kg
CQ41-004	2085992.8	749626.46	Aroclor-1260	0.5	2.5	270	52.00	531000000.00	5310000.00	NA	ug/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CQ41-004	2085992.8	749626.46	Aroclor-1260	4.5	6.5	85	28.00	531000000.00	5310000.00	NA	ug/kg
CQ41-010	2085987.8	749690.93	Acetone	0.5	2.5	5.2	5.10	27200000000.00	272000000.00	NA	ug/kg
CQ41-010	2085987.8	749690.93	Aroclor-1254	0.5	2.5	32	4.80	531000000.00	5310000.00	NA	ug/kg
CQ41-010	2085987.8	749690.93	Trichloroethene	8.5	9.5	2.1	1.00	3280000.00	32800.00	NA	ug/kg
CQ41-010	2085987.8	749690.93	1,2,3-Trichlorobenzene	8.5	9.5	4	0.94			NA	ug/kg
CQ41-008	2086039.4	749669.66	Trichloroethene	8	8.5	3.4	1.00	3280000.00	32800.00	NA	ug/kg
CN40-001	2085531.7	749521.81	Methylene Chloride	0.5	2.5	1.2	0.87	578000.00	5780.00	NA	ug/kg
CN40-001	2085531.7	749521.81	Acetone	0.5	2.5	5.7	5.00	27200000000.00	272000000.00	NA	ug/kg
CN40-001	2085531.7	749521.81	Methylene Chloride	2.5	4.5	1.4	0.99	578000.00	5780.00	NA	ug/kg
CN40-001	2085531.7	749521.81	Tetrachloroethene	4.5	6.5	1.4	1.10	3150000.00	31500.00	NA	ug/kg
CN40-001	2085531.7	749521.81	Methylene Chloride	4.5	6.5	1.3	0.91	578000.00	5780.00	NA	ug/kg
CN40-001	2085531.7	749521.81	Methylene Chloride	6.5	8.5	1.1	0.89	578000.00	5780.00	NA	ug/kg
CN40-001	2085531.7	749521.81	Methylene Chloride	8.5	10.5	1	0.87	578000.00	5780.00	NA	ug/kg
CO40-001	2085564	749538.39	Tetrachloroethene	0.5	2.5	1.5	1.10	3150000.00	31500.00	NA	ug/kg
CO40-001	2085564	749538.39	Methylene Chloride	0.5	2.5	0.99	0.90	578000.00	5780.00	NA	ug/kg
CO40-001	2085564	749538.39	Acetone	2.5	4.5	6.4	5.30	27200000000.00	272000000.00	NA	ug/kg
CO40-001	2085564	749538.39	Methylene Chloride	2.5	4.5	1.4	0.91	578000.00	5780.00	NA	ug/kg
CO40-001	2085564	749538.39	Methoxychlor	4.5	6.5	0.44	0.21	13400000000.00	134000000.00	NA	ug/kg
CO40-001	2085564	749538.39	Methylene Chloride	4.5	6.5	1.5	0.99	578000.00	5780.00	NA	ug/kg
CO40-001	2085564	749538.39	Methylene Chloride	6.5	8.5	1	0.90	578000.00	5780.00	NA	ug/kg
CO40-003	2085600.1	749540.32	Acetone	6.5	8	15	5.40	27200000000.00	272000000.00	NA	ug/kg
CN40-000	2085529.7	749496.98	Acetone	6.5	8.5	21	5.20	27200000000.00	272000000.00	NA	ug/kg
CN40-000	2085529.7	749496.98	Acetone	8.5	10.5	12	5.30	27200000000.00	272000000.00	NA	ug/kg
CO40-000	2085561.5	749502.56	Acetone	0.5	2.5	6.5	5.40	27200000000.00	272000000.00	NA	ug/kg
CO40-000	2085561.5	749502.56	Acetone	2.5	4.5	11	5.60	27200000000.00	272000000.00	NA	ug/kg
CO40-000	2085561.5	749502.56	Methoxychlor	4.5	6.5	0.26	0.20	13400000000.00	134000000.00	NA	ug/kg
CO40-000	2085561.5	749502.56	Acetone	4.5	6.5	13	5.70	27200000000.00	272000000.00	NA	ug/kg
CO40-000	2085561.5	749502.56	Methoxychlor	6.5	8.5	0.47	0.20	13400000000.00	134000000.00	NA	ug/kg
CO40-000	2085561.5	749502.56	Acetone	6.8	8.5	9.9	5.50	27200000000.00	272000000.00	NA	ug/kg
CO40-002	2085594.2	749517.27	Acetone	0.5	2.5	10	5.60	27200000000.00	272000000.00	NA	ug/kg
CO40-002	2085594.2	749517.27	Acetone	2.5	4.5	12	5.40	27200000000.00	272000000.00	NA	ug/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CO40-002	2085594.2	749517.27	Methoxychlor	4.5	6.5	0.39	0.20	13400000000.00	134000000.00	NA	ug/kg
CO40-002	2085594.2	749517.27	Acetone	4.5	6.5	7.6	5.60	27200000000.00	272000000.00	NA	ug/kg
CQ41-005	2085961.2	749623.02	Tetrachloroethene	2.5	4.5	27122300	50000.00	3150000.00	31500.00	NA	ug/kg
CQ41-005	2085961.2	749623.02	Trichloroethene	2.5	4.5	3662200	50000.00	3280000.00	32800.00	NA	ug/kg
CQ41-005	2085961.2	749623.02	Tetrachloroethene	4.5	6.5	11358000	100000.00	3150000.00	31500.00	NA	ug/kg
CQ41-003	2086013.5	749568.15	Tetrachloroethene	8.5	10.5	2027.5806	16.00	3150000.00	31500.00	NA	ug/kg
CQ41-005	2085961.2	749623.02	Tetrachloroethene	0.5	2.5	1392.0697	29.00	3150000.00	31500.00	NA	ug/kg
CP40-000	2085904.5	749540.87	Molybdenum	0	0.5	0.32	0.14	9610.00	9610.00	NA	mg/kg
CP40-000	2085904.5	749540.87	Thallium	0	0.5	0.84	0.46	NA	NA	NA	mg/kg
CP40-000	2085904.5	749540.87	Tin	0	0.5	1.3	0.29	1000000.00	1000000.00	NA	mg/kg
CP40-000	2085904.5	749540.87	Boron	0	0.5	1.3	0.54	NA	NA	NA	mg/kg
CP40-003	2085930.5	749557.5	Thallium	0	0.5	1.6	0.87	NA	NA	NA	mg/kg
CP40-003	2085930.5	749557.5	Tin	0	0.5	2.5	0.44	1000000.00	1000000.00	NA	mg/kg
CP40-003	2085930.5	749557.5	Boron	0	0.5	0.65	0.39	NA	NA	NA	mg/kg
CP40-003	2085930.5	749557.5	Boron	0.5	2.5	1	0.40	NA	NA	NA	mg/kg
CP40-003	2085930.5	749557.5	Thallium	4.5	6.5	3.1	0.90	NA	NA	1.84	mg/kg
CP40-003	2085930.5	749557.5	Boron	6.5	7.7	0.42	0.40	NA	NA	NA	mg/kg
CQ41-000	2085967.1	749562.83	Tin	0	0.5	2.2	0.45	1000000.00	1000000.00	NA	mg/kg
CQ41-000	2085967.1	749562.83	Boron	0.5	2.5	1.2	0.37	NA	NA	NA	mg/kg
CQ41-000	2085967.1	749562.83	Boron	2.5	4.5	1.3	0.37	NA	NA	NA	mg/kg
CQ41-000	2085967.1	749562.83	Thallium	4.5	6.5	2	0.83	NA	NA	1.84	mg/kg
CQ41-000	2085967.1	749562.83	Boron	4.5	6.5	0.6	0.37	NA	NA	NA	mg/kg
CQ40-000	2085953.1	749529.64	Molybdenum	0	0.5	0.6	0.14	9610.00	9610.00	NA	mg/kg
CQ40-000	2085953.1	749529.64	Silver	0	0.5	0.068	0.06	9610.00	9610.00	NA	mg/kg
CQ40-000	2085953.1	749529.64	Sodium	0	0.5	142	108.00	NA	NA	91.84	mg/kg
CQ40-000	2085953.1	749529.64	Tin	0	0.5	1.6	0.41	1000000.00	1000000.00	NA	mg/kg
CQ40-000	2085953.1	749529.64	Boron	0	0.5	0.66	0.37	NA	NA	NA	mg/kg
CQ40-000	2085953.1	749529.64	Uranium	0.5	2.5	1.6	1.50	NA	NA	NA	mg/kg
CQ40-000	2085953.1	749529.64	Boron	2.5	4.5	1.2	0.39	NA	NA	NA	mg/kg
CQ40-000	2085953.1	749529.64	Boron	4.5	6.5	0.92	0.40	NA	NA	NA	mg/kg
CQ40-000	2085953.1	749529.64	1,2,4-Trichlorobenzene	4.5	6.5	42	0.79	433000000.00	4330000.00	NA	ug/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CQ40-000	2085953.1	749529.64	1,2,3-Trichlorobenzene	4.5	6.5	18	0.90	NA	NA	NA	ug/kg
CQ40-000	2085953.1	749529.64	Boron	6.5	8	1.1	0.38	NA	NA	NA	mg/kg
CP40-002	2085903.8	749491.68	Uranium	0	0.5	3.3	1.50	NA	NA	NA	mg/kg
CP40-002	2085903.8	749491.68	Molybdenum	0	0.5	0.43	0.14	9610.00	9610.00	NA	mg/kg
CP40-002	2085903.8	749491.68	Silver	0	0.5	0.16	0.06	9610.00	9610.00	NA	mg/kg
CP40-002	2085903.8	749491.68	Tin	0	0.5	1.7	0.42	1000000.00	1000000.00	NA	mg/kg
CP40-002	2085903.8	749491.68	Uranium	0.5	2.5	2.6	1.50	NA	NA	NA	mg/kg
CP40-002	2085903.8	749491.68	1,2,4-Trichlorobenzene	0.5	2.5	6.9	0.77	433000000.00	4330000.00	NA	ug/kg
CP40-002	2085903.8	749491.68	1,2,3-Trichlorobenzene	0.5	2.5	10	0.88	NA	NA	NA	ug/kg
CP40-002	2085903.8	749491.68	Boron	2.5	4.5	0.75	0.40	NA	NA	NA	mg/kg
CP40-002	2085903.8	749491.68	1,2,4-Trichlorobenzene	2.5	4.5	6.8	0.82	433000000.00	4330000.00	NA	ug/kg
CP40-002	2085903.8	749491.68	Boron	4.5	6.5	1.1	0.41	NA	NA	NA	mg/kg
CP40-002	2085903.8	749491.68	1,2,4-Trichlorobenzene	4.5	6.5	6.8	0.84	433000000.00	4330000.00	NA	ug/kg
CP40-002	2085903.8	749491.68	Boron	6.5	8.5	0.52	0.39	NA	NA	NA	mg/kg
CP40-002	2085903.8	749491.68	Boron	8.5	9.5	0.38	0.36	NA	NA	NA	mg/kg
CP40-001	2085917.3	749524.34	Molybdenum	0	0.5	0.23	0.15	9610.00	9610.00	NA	mg/kg
CP40-001	2085917.3	749524.34	Thallium	0	0.5	1.4	0.85	NA	NA	NA	mg/kg
CP40-001	2085917.3	749524.34	Tin	0	0.5	2.6	0.43	1000000.00	1000000.00	NA	mg/kg
CP40-001	2085917.3	749524.34	Boron	0	0.5	1.4	0.38	NA	NA	NA	mg/kg
CP40-001	2085917.3	749524.34	Boron	0.5	2.5	0.66	0.39	NA	NA	NA	mg/kg
CP40-001	2085917.3	749524.34	Boron	2.5	4.5	1.2	0.35	NA	NA	NA	mg/kg
CQ40-001	2085939.8	749495.9	Tin	0	0.5	2.3	0.40	1000000.00	1000000.00	NA	mg/kg
CQ40-001	2085939.8	749495.9	Boron	2.5	4.5	1.2	0.38	NA	NA	NA	mg/kg
CQ40-001	2085939.8	749495.9	Boron	4.5	6.5	0.7	0.35	NA	NA	NA	mg/kg
CQ40-001	2085939.8	749495.9	Boron	6.5	8.5	0.51	0.39	NA	NA	NA	mg/kg
CQ40-001	2085939.8	749495.9	Boron	8.5	10.5	0.59	0.39	NA	NA	NA	mg/kg
CQ40-002	2085972.9	749501.55	Thallium	0	0.5	1.3	0.82	NA	NA	NA	mg/kg
CQ40-002	2085972.9	749501.55	Tin	0	0.5	2.6	0.41	1000000.00	1000000.00	NA	mg/kg
CQ40-002	2085972.9	749501.55	Boron	0	0.5	1.2	0.37	NA	NA	NA	mg/kg
CQ40-002	2085972.9	749501.55	Boron	0.5	2.5	1.6	0.39	NA	NA	NA	mg/kg
CQ40-002	2085972.9	749501.55	Boron	2.5	4.5	1.1	0.38	NA	NA	NA	mg/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CQ40-002	2085972.9	749501.55	Boron	4.5	6.5	1.6	0.42	NA	NA	NA	mg/kg
CN40-001	2085531.7	749521.81	Boron	0.5	2.5	1	0.60	NA	NA	NA	mg/kg
CN40-001	2085531.7	749521.81	Boron	2.5	4.5	1.4	0.57	NA	NA	NA	mg/kg
CO40-001	2085564	749538.39	Boron	2.5	4.5	0.7	0.53	NA	NA	NA	mg/kg
CO40-001	2085564	749538.39	Boron	6.5	8.5	1.1	0.58	NA	NA	NA	mg/kg
CO40-003	2085600.1	749540.32	Boron	0.5	2.5	1.7	0.61	NA	NA	NA	mg/kg
CO40-003	2085600.1	749540.32	Thallium	2.5	4.5	2.4	0.92	NA	NA	1.84	mg/kg
CO40-003	2085600.1	749540.32	Boron	2.5	4.5	0.66	0.63	NA	NA	NA	mg/kg
CO40-003	2085600.1	749540.32	Boron	4.5	6.5	1.3	0.63	NA	NA	NA	mg/kg
CO40-003	2085600.1	749540.32	Thallium	6.5	8	2.4	0.52	NA	NA	1.84	mg/kg
CO40-000	2085561.5	749502.56	Boron	2.5	4.5	1.6	0.60	NA	NA	NA	mg/kg
CO40-002	2085594.2	749517.27	Tin	0	0.5	1.2	0.31	1000000.00	1000000.00	NA	mg/kg
CO40-002	2085594.2	749517.27	Boron	0.5	2.5	1.6	0.60	NA	NA	NA	mg/kg
CO40-002	2085594.2	749517.27	Boron	2.5	4.5	1.2	0.61	NA	NA	NA	mg/kg
CO40-002	2085594.2	749517.27	Boron	4.5	6.5	1.5	0.61	NA	NA	NA	mg/kg
CQ41-001	2085945	749591.3	Tetrachloroethene	0.5	2.5	189988.05	15000.00	3150000.00	31500.00	NA	ug/kg
CQ41-001	2085945	749591.3	Tetrachloroethene	2.5	4.5	846902.65	29000.00	3150000.00	31500.00	NA	ug/kg
CQ41-001	2085945	749591.3	Tetrachloroethene	4.5	5.8	27603.628	11000.00	3150000.00	31500.00	NA	ug/kg
CQ41-005	2085961.2	749623.02	Trichloroethene	0.5	2.5	696.3523	29.00	3280000.00	32800.00	NA	ug/kg
CQ41-005	2085961.2	749623.02	Carbon Tetrachloride	2.5	4.5	55800	50000.00	3560000.00	35600.00	NA	ug/kg
CQ41-005	2085961.2	749623.02	1,1,1-Trichloroethane	2.5	4.5	686400	50000.00	94800000.00	948000.00	NA	ug/kg
CQ41-005	2085961.2	749623.02	1,1,1-Trichloroethane	4.5	6.5	207000	100000.00	94800000.00	948000.00	NA	ug/kg
CQ41-005	2085961.2	749623.02	Trichloroethene	4.5	6.5	1381000	100000.00	3280000.00	32800.00	NA	ug/kg
CQ41-005	2085961.2	749623.02	Tetrachloroethene	6.5	8.5	1322600	100000.00	3150000.00	31500.00	NA	ug/kg
CQ41-005	2085961.2	749623.02	Trichloroethene	6.5	8.5	122000	100000.00	3280000.00	32800.00	NA	ug/kg
CQ41-005	2085961.2	749623.02	Tetrachloroethene	8.5	10.5	1866800	100000.00	3150000.00	31500.00	NA	ug/kg
CQ41-005	2085961.2	749623.02	Trichloroethene	8.5	10.5	158200	100000.00	3280000.00	32800.00	NA	ug/kg
CQ41-007	2085974.5	749656.98	1,1-Dichloroethene	8.5	10.5	61.965304	30.00	2190000.00	21900.00	NA	ug/kg
CQ41-007	2085974.5	749656.98	Trichloroethene	8.5	10.5	1058.5789	30.00	3280000.00	32800.00	NA	ug/kg
CQ41-011	2085967.1	749715.77	Trichloroethene	6.5	8.5	93.576303	6.20	3280000.00	32800.00	NA	ug/kg
CQ41-012	2086001.4	749723.55	Trichloroethene	8.5	9	1948.5556	150.00	3280000.00	32800.00	NA	ug/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CP40-000	2085904.5	749540.87	Endosulfan I	0	0.5	3.9	0.40	1000000000.00	11500000.00	NA	ug/kg
CP40-000	2085904.5	749540.87	Uranium 238/234	0	0.5	2.07	8.00	586.00	103.00	2.00	pci/g
CP40-000	2085904.5	749540.87	Manganese	0	0.5	457	0.04	83600.00	83600.00	365.08	mg/kg
CP40-000	2085904.5	749540.87	Titanium	0	0.5	112	0.08	NA	NA	NA	mg/kg
CP40-000	2085904.5	749540.87	Calcium	0	0.5	16900	1.00	NA	NA	4467.00	mg/kg
CP40-001	2085917.3	749524.34	Titanium	2.5	4.5	173	0.19	NA	NA	NA	mg/kg
CP40-000	2085904.5	749540.87	Aroclor-1254	0	0.5	340	6.40	224000.00	2240.00	NA	ug/kg
CP40-000	2085904.5	749540.87	Dieldrin	0	0.5	11	0.57	28000.00	280.00	NA	ug/kg
CP40-000	2085904.5	749540.87	Uranium-235	0.5	2.5	0.22	1.00	113.00	24.00	0.12	pCi/g
CP40-000	2085904.5	749540.87	Uranium 238/234	0.5	2.5	2.21	8.00	506.00	103.00	1.49	pCi/g
CP40-000	2085904.5	749540.87	Titanium	0.5	2.5	172	0.08	NA	NA	NA	mg/kg
CP40-000	2085904.5	749540.87	Uranium-235	2.5	4.5	0.178	1.00	113.00	24.00	0.12	pCi/g
CP40-000	2085904.5	749540.87	Uranium 238/234	2.5	4.5	2.27	8.00	506.00	103.00	1.49	pCi/g
CP40-000	2085904.5	749540.87	Titanium	2.5	4.5	146	0.08	NA	NA	NA	mg/kg
CP40-000	2085904.5	749540.87	Uranium 238/234	4.5	6.5	2.33	8.00	506.00	103.00	1.49	pCi/g
CP40-000	2085904.5	749540.87	Titanium	4.5	6.5	185	0.09	NA	NA	NA	mg/kg
CP40-003	2085930.5	749557.5	Uranium-235	0	0.5	0.193	1.00	135.00	24.00	0.09	pCi/g
CP40-003	2085930.5	749557.5	Uranium 238/234	0	0.5	2.25	8.00	586.00	103.00	2.00	pCi/g
CP40-003	2085930.5	749557.5	Titanium	0	0.5	133	0.21	NA	NA	NA	mg/kg
CP40-003	2085930.5	749557.5	Calcium	0	0.5	7660	3.60	NA	NA	4467.00	mg/kg
CP40-003	2085930.5	749557.5	Aroclor-1254	0	0.5	2500	67.00	224000.00	2240.00	NA	ug/kg
CP40-003	2085930.5	749557.5	Uranium-235	0.5	2.5	0.121	1.00	113.00	24.00	0.12	pCi/g
CP40-003	2085930.5	749557.5	Uranium 238/234	0.5	2.5	2.21	8.00	506.00	103.00	1.49	pCi/g
CP40-003	2085930.5	749557.5	Titanium	0.5	2.5	227	0.21	NA	NA	NA	mg/kg
CP40-003	2085930.5	749557.5	Aroclor-1254	0.5	2.5	5800	700.00	531000000.00	5310000.00	NA	ug/kg
CP40-003	2085930.5	749557.5	Tetrachloroethene	0.5	2.5	2500	50.00	3150000.00	31500.00	NA	ug/kg
CP40-003	2085930.5	749557.5	Uranium-235	2.5	4.5	0.233	1.00	113.00	24.00	0.12	pCi/g
CP40-003	2085930.5	749557.5	Uranium 238/234	2.5	4.5	2.87	8.00	506.00	103.00	1.49	pCi/g
CP40-003	2085930.5	749557.5	Titanium	2.5	4.5	129	0.20	NA	NA	NA	mg/kg
CP40-003	2085930.5	749557.5	Aroclor-1254	2.5	4.5	4000	650.00	531000000.00	5310000.00	NA	ug/kg
CP40-003	2085930.5	749557.5	Tetrachloroethene	2.5	4.5	99000	450.00	3150000.00	31500.00	NA	ug/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CP40-003	2085930.5	749557.5	Trichloroethene	2.5	4.5	2600	270.00	3280000.00	32800.00	NA	ug/kg
CP40-003	2085930.5	749557.5	Uranium-235	4.5	6.5	0.147	1.00	113.00	24.00	0.12	pCi/g
CP40-003	2085930.5	749557.5	Uranium 238/234	4.5	6.5	1.76	8.00	506.00	103.00	1.49	pCi/g
CP40-003	2085930.5	749557.5	Titanium	4.5	6.5	40.8	0.21	NA	NA	NA	mg/kg
CP40-003	2085930.5	749557.5	Arsenic	4.5	6.5	14.9	0.67	299.00	2.99	13.14	mg/kg
CP40-003	2085930.5	749557.5	Vanadium	4.5	6.5	92.4	0.28	13400.00	13400.00	88.49	mg/kg
CP40-003	2085930.5	749557.5	Aroclor-1254	4.5	6.5	110	7.30	531000000.00	5310000.00	NA	ug/kg
CP40-003	2085930.5	749557.5	Tetrachloroethene	4.5	6.5	11000	52.00	3150000.00	31500.00	NA	ug/kg
CP40-003	2085930.5	749557.5	Acetone	4.5	6.5	17000	310.00	27200000000.00	272000000.00	NA	ug/kg
CP40-003	2085930.5	749557.5	Uranium 238/234	6.5	7.7	1.91	8.00	506.00	103.00	1.49	pCi/g
CP40-003	2085930.5	749557.5	Titanium	6.5	7.7	43.5	0.21	NA	NA	NA	mg/kg
CP40-003	2085930.5	749557.5	Aroclor-1254	6.5	7.7	10000	720.00	531000000.00	5310000.00	NA	ug/kg
CP40-003	2085930.5	749557.5	Tetrachloroethene	6.5	7.7	54000	260.00	3150000.00	31500.00	NA	ug/kg
CP40-003	2085930.5	749557.5	Acetone	6.5	7.7	9000	1500.00	27200000000.00	272000000.00	NA	ug/kg
CP40-003	2085930.5	749557.5	1,1,1-Trichloroethane	6.5	7.7	2100	120.00	94800000.00	948000.00	NA	ug/kg
CP40-003	2085930.5	749557.5	Trichloroethene	6.5	7.7	5100	160.00	3280000.00	32800.00	NA	ug/kg
CQ41-000	2085967.1	749562.83	Uranium 238/234	0	0.5	5.79	8.00	586.00	103.00	2.00	pCi/g
CQ41-000	2085967.1	749562.83	Nickel	0	0.5	16.2	0.74	38400.00	38400.00	14.91	mg/kg
CQ41-000	2085967.1	749562.83	Strontium	0	0.5	50.6	0.01	1000000.00	1000000.00	48.94	mg/kg
CQ41-000	2085967.1	749562.83	Titanium	0	0.5	60.1	0.21	NA	NA	NA	mg/kg
CQ41-000	2085967.1	749562.83	Calcium	0	0.5	30800	3.60	NA	NA	4467.00	mg/kg
CQ41-000	2085967.1	749562.83	Uranium-235	0.5	2.5	0.25	1.00	113.00	24.00	0.12	pCi/g
CQ41-000	2085967.1	749562.83	Uranium 238/234	0.5	2.5	2.51	8.00	506.00	103.00	1.49	pCi/g
CQ41-000	2085967.1	749562.83	Titanium	0.5	2.5	110	0.20	NA	NA	NA	mg/kg
CQ41-000	2085967.1	749562.83	Uranium 238/234	2.5	4.5	2.84	8.00	506.00	103.00	1.49	pCi/g
CQ41-000	2085967.1	749562.83	Titanium	2.5	4.5	80	0.20	NA	NA	NA	mg/kg
CQ41-000	2085967.1	749562.83	Uranium-235	4.5	6.5	0.148	1.00	113.00	24.00	0.12	pCi/g
CQ41-000	2085967.1	749562.83	Uranium 238/234	4.5	6.5	5.16	8.00	506.00	103.00	1.49	pCi/g
CQ41-000	2085967.1	749562.83	Titanium	4.5	6.5	102	0.20	NA	NA	NA	mg/kg
CQ41-000	2085967.1	749562.83	Uranium-235	6.5	8	0.165	1.00	113.00	24.00	0.12	pCi/g
CQ41-000	2085967.1	749562.83	Uranium 238/234	6.5	8	1.52	8.00	506.00	103.00	1.49	pCi/g

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CQ41-000	2085967.1	749562.83	Aroclor-1260	6.5	8	9600	500.00	531000000.00	5310000.00	NA	ug/kg
CQ41-000	2085967.1	749562.83	Aroclor-1254	6.5	8	9000	630.00	531000000.00	5310000.00	NA	ug/kg
CQ41-000	2085967.1	749562.83	1,2,4-Trichlorobenzene	6.5	8	640	68.00	433000000.00	4330000.00	NA	ug/kg
CQ41-000	2085967.1	749562.83	1,2,4-Trichlorobenzene	6.5	8	2000	21.00	433000000.00	4330000.00	NA	ug/kg
CQ41-000	2085967.1	749562.83	1,2,3-Trichlorobenzene	6.5	8	530	4.20	NA	NA	NA	ug/kg
CQ41-000	2085967.1	749562.83	Naphthalene	6.5	8	43	4.50	10100000000.00	101000000.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	Uranium-235	0	0.5	0.234	1.00	135.00	24.00	0.09	pCi/g
CQ40-000	2085953.1	749529.64	Uranium 238/234	0	0.5	3.22	8.00	586.00	103.00	2.00	pCi/g
CQ40-000	2085953.1	749529.64	Titanium	0	0.5	63.7	0.19	NA	NA	NA	mg/kg
CQ40-000	2085953.1	749529.64	Arsenic	0	0.5	11	0.61	299.00	2.99	10.09	mg/kg
CQ40-000	2085953.1	749529.64	Uranium-235	0.5	2.5	0.223	1.00	113.00	24.00	0.12	pCi/g
CQ40-000	2085953.1	749529.64	Titanium	0.5	2.5	75.2	0.20	NA	NA	NA	mg/kg
CQ40-000	2085953.1	749529.64	Boron	0.5	2.5	2	0.37	NA	NA	NA	mg/kg
CQ40-000	2085953.1	749529.64	Aroclor-1254	0.5	2.5	640	37.00	531000000.00	5310000.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	Tetrachloroethene	0.5	2.5	81	5.70	3150000.00	31500.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	Chloroform	0.5	2.5	120	1.00	21400000.00	214000.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	1,1,1-Trichloroethane	0.5	2.5	27	1.10	94800000.00	948000.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	Trichloroethene	0.5	2.5	86	0.99	3280000.00	32800.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	Uranium-235	2.5	4.5	0.13	1.00	113.00	24.00	0.12	pCi/g
CQ40-000	2085953.1	749529.64	Uranium 238/234	2.5	4.5	2.9	8.00	506.00	103.00	1.49	pCi/g
CQ40-000	2085953.1	749529.64	Titanium	2.5	4.5	150	0.21	NA	NA	NA	mg/kg
CQ40-000	2085953.1	749529.64	Aroclor-1254	2.5	4.5	3500	340.00	531000000.00	5310000.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	1,2,4-Trichlorobenzene	2.5	4.5	8	0.81	433000000.00	4330000.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	Uranium-235	4.5	6.5	0.246	1.00	113.00	24.00	0.12	pCi/g
CQ40-000	2085953.1	749529.64	Uranium 238/234	4.5	6.5	2.47	8.00	506.00	103.00	1.49	pCi/g
CQ40-000	2085953.1	749529.64	Titanium	4.5	6.5	197	0.21	NA	NA	NA	mg/kg
CQ40-000	2085953.1	749529.64	Aroclor-1260	4.5	6.5	22000	510.00	531000000.00	5310000.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	Aroclor-1254	4.5	6.5	20000	650.00	531000000.00	5310000.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	Bis(2-Ethylhexyl)Phthalate	4.5	6.5	390	73.00	311000000000.00	3110000000.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	1,2,4-Trichlorobenzene	4.5	6.5	9500	140.00	433000000.00	4330000.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	Tetrachloroethene	4.5	6.5	70	1.10	3150000.00	31500.00	NA	ug/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CQ40-000	2085953.1	749529.64	Chloroform	4.5	6.5	16	1.00	21400000.00	214000.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	Trichloroethene	4.5	6.5	6.8	0.97	3280000.00	32800.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	Uranium-235	6.5	8	0.133	1.00	113.00	24.00	0.12	pCi/g
CQ40-000	2085953.1	749529.64	Titanium	6.5	8	161	0.20	NA	NA	NA	mg/kg
CQ40-000	2085953.1	749529.64	Aroclor-1260	6.5	8	2800	270.00	531000000.00	5310000.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	Aroclor-1254	6.5	8	2500	340.00	531000000.00	5310000.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	N-Nitroso-Di-N-Propylamine	6.5	8	450	97.00	1890.00	18.90	NA	ug/kg
CQ40-000	2085953.1	749529.64	1,2,4-Trichlorobenzene	6.5	8	1300	26.00	433000000.00	4330000.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	Tetrachloroethene	6.5	8	2100	33.00	3150000.00	31500.00	NA	ug/kg
CQ40-000	2085953.1	749529.64	1,2,3-Trichlorobenzene	6.5	8	290	41.00	NA	NA	NA	ug/kg
CP40-002	2085903.8	749491.68	Uranium-235	0	0.5	0.168	1.00	135.00	24.00	0.09	pCi/g
CP40-002	2085903.8	749491.68	Uranium 238/234	0	0.5	2.12	8.00	586.00	103.00	2.00	pCi/g
CP40-002	2085903.8	749491.68	Magnesium	0	0.5	3040	1.80	NA	NA	2849.30	mg/kg
CP40-002	2085903.8	749491.68	Strontium	0	0.5	49.8	0.01	1000000.00	1000000.00	48.94	mg/kg
CP40-002	2085903.8	749491.68	Titanium	0	0.5	136	0.20	NA	NA	NA	mg/kg
CP40-002	2085903.8	749491.68	Boron	0	0.5	3.7	0.37	NA	NA	NA	mg/kg
CP40-002	2085903.8	749491.68	Zinc	0	0.5	152	0.22	576000.00	576000.00	73.76	mg/kg
CP40-002	2085903.8	749491.68	Calcium	0	0.5	28600	3.40	NA	NA	4467.00	mg/kg
CP40-002	2085903.8	749491.68	Aroclor-1260	0	0.5	120	5.40	224000.00	2240.00	NA	ug/kg
CP40-002	2085903.8	749491.68	Aroclor-1254	0	0.5	130	6.80	224000.00	2240.00	NA	ug/kg
CP40-002	2085903.8	749491.68	Uranium 238/234	0.5	2.5	1.6	8.00	506.00	103.00	1.49	pCi/g
CP40-002	2085903.8	749491.68	Titanium	0.5	2.5	112	0.19	NA	NA	NA	mg/kg
CP40-002	2085903.8	749491.68	Uranium-235	2.5	4.5	0.211	1.00	113.00	24.00	0.12	pCi/g
CP40-002	2085903.8	749491.68	Titanium	2.5	4.5	149	0.21	NA	NA	NA	mg/kg
CP40-002	2085903.8	749491.68	Uranium-235	4.5	6.5	0.189	1.00	113.00	24.00	0.12	pCi/g
CP40-002	2085903.8	749491.68	Titanium	4.5	6.5	310	0.22	NA	NA	NA	mg/kg
CP40-002	2085903.8	749491.68	Uranium-235	6.5	8.5	0.126	1.00	113.00	24.00	0.12	pCi/g
CP40-002	2085903.8	749491.68	U238/234	6.5	8.5	2.31	8.00	506.00	103.00	1.49	pCi/g
CP40-002	2085903.8	749491.68	Titanium	6.5	8.5	261	0.21	NA	NA	NA	mg/kg
CP40-002	2085903.8	749491.68	Uranium-235	8.5	9.5	0.239	1.00	113.00	24.00	0.12	pCi/g
CP40-002	2085903.8	749491.68	Uranium 238/234	8.5	9.5	3.08	8.00	506.00	103.00	1.49	pCi/g

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CP40-002	2085903.8	749491.68	Titanium	8.5	9.5	96.3	0.19	NA	NA	NA	mg/kg
CP40-001	2085917.3	749524.34	Uranium 238/234	0	0.5	2.99	8.00	586.00	103.00	2.00	pCi/g
CP40-001	2085917.3	749524.34	Titanium	0	0.5	88.3	0.20	NA	NA	NA	mg/kg
CP40-001	2085917.3	749524.34	Calcium	0	0.5	9520	3.50	NA	NA	4467.00	mg/kg
CP40-001	2085917.3	749524.34	Uranium-235	0.5	2.5	0.135	1.00	113.00	24.00	0.12	pCi/g
CP40-001	2085917.3	749524.34	Uranium 238/234	0.5	2.5	4.13	8.00	506.00	103.00	1.49	pCi/g
CP40-001	2085917.3	749524.34	Titanium	0.5	2.5	89.3	0.20	NA	NA	NA	mg/kg
CP40-001	2085917.3	749524.34	Aroclor-1260	0.5	2.5	51	5.50	531000000.00	5310000.00	NA	ug/kg
CP40-001	2085917.3	749524.34	Aroclor-1254	0.5	2.5	180	4.90	531000000.00	5310000.00	NA	ug/kg
CP40-001	2085917.3	749524.34	Endrin	0.5	2.5	2.8	0.43	84700000.00	847000.00	NA	ug/kg
CP40-001	2085917.3	749524.34	Uranium-235	2.5	4.5	0.137	1.00	113.00	24.00	0.12	pCi/g
CP40-001	2085917.3	749524.34	Uranium 238/234	2.5	4.5	3.21	8.00	506.00	103.00	1.49	pCi/g
CP40-001	2085917.3	749524.34	Titanium	4.5	6.5	107	0.19	NA	NA	NA	mg/kg
CP40-001	2085917.3	749524.34	Uranium 238/234	4.5	6.5	3.57	8.00	506.00	103.00	1.49	pCi/g
CQ40-001	2085939.8	749495.9	Americium-241	0	0.5	0.19	4.00	215.00	38.00	0.02	pCi/g
CQ40-001	2085939.8	749495.9	Uranium-235	0	0.5	0.27	1.00	135.00	24.00	0.09	pCi/g
CQ40-001	2085939.8	749495.9	Uranium 238/234	0	0.5	5.06	8.00	586.00	103.00	2.00	pCi/g
CQ40-001	2085939.8	749495.9	Titanium	0	0.5	96	0.19	NA	NA	NA	mg/kg
CQ40-001	2085939.8	749495.9	Boron	0	0.5	2.2	0.36	NA	NA	NA	mg/kg
CQ40-001	2085939.8	749495.9	Zinc	0	0.5	266	0.21	576000.00	576000.00	73.76	mg/kg
CQ40-001	2085939.8	749495.9	Calcium	0	0.5	18200	3.30	NA	NA	4467.00	mg/kg
CQ40-001	2085939.8	749495.9	Aroclor-1260	0	0.5	74	5.10	224000.00	2240.00	NA	ug/kg
CQ40-001	2085939.8	749495.9	Aroclor-1254	0	0.5	190	4.60	224000.00	2240.00	NA	ug/kg
CQ40-001	2085939.8	749495.9	Dieldrin	0	0.5	1.8	0.57	28000.00	280.00	NA	ug/kg
CQ40-001	2085939.8	749495.9	Endrin	0	0.5	2.4	0.40	NA	NA	NA	ug/kg
CQ40-001	2085939.8	749495.9	Uranium-235	0.5	2.5	0.181	1.00	113.00	24.00	0.12	pCi/g
CQ40-001	2085939.8	749495.9	Uranium 238/234	0.5	2.5	2.37	8.00	506.00	103.00	1.49	pCi/g
CQ40-001	2085939.8	749495.9	Titanium	0.5	2.5	112	0.20	NA	NA	NA	mg/kg
CQ40-001	2085939.8	749495.9	Boron	0.5	2.5	2	0.37	NA	NA	NA	mg/kg
CQ40-001	2085939.8	749495.9	Aroclor-1260	0.5	2.5	120	5.30	531000000.00	5310000.00	NA	ug/kg
CQ40-001	2085939.8	749495.9	Aroclor-1254	0.5	2.5	310	4.80	531000000.00	5310000.00	NA	ug/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CQ40-001	2085939.8	749495.9	Dieldrin	0.5	2.5	3.2	0.60	392000.00	3920.00	NA	ug/kg
CQ40-001	2085939.8	749495.9	Endrin	0.5	2.5	4.5	0.42	84700000.00	847000.00	NA	ug/kg
CQ40-001	2085939.8	749495.9	4,4'-Dichlorodiphenyldichloroethylene	0.5	2.5	2.5	0.35	3840000000.00	38400000.00	NA	ug/kg
CQ40-001	2085939.8	749495.9	Uranium-235	2.5	4.5	0.153	1.00	113.00	24.00	0.12	pCi/g
CQ40-001	2085939.8	749495.9	Uranium 238/234	2.5	4.5	2.8	8.00	506.00	103.00	1.49	pCi/g
CQ40-001	2085939.8	749495.9	Titanium	2.5	4.5	133	0.20	NA	NA	NA	mg/kg
CQ40-001	2085939.8	749495.9	Uranium-235	4.5	6.5	0.218	1.00	113.00	24.00	0.12	pCi/g
CQ40-001	2085939.8	749495.9	Uranium 238/234	4.5	6.5	4.81	8.00	506.00	103.00	1.49	pCi/g
CQ40-001	2085939.8	749495.9	Titanium	4.5	6.5	227	0.19	NA	NA	NA	mg/kg
CQ40-001	2085939.8	749495.9	Americium-241	6.5	8.5	0.223	4.00	209.00	38.00	0.02	pCi/g
CQ40-001	2085939.8	749495.9	Uranium-235	6.5	8.5	0.184	1.00	113.00	24.00	0.12	pCi/g
CQ40-001	2085939.8	749495.9	Uranium 238/234	6.5	8.5	4.05	8.00	506.00	103.00	1.49	pCi/g
CQ40-001	2085939.8	749495.9	Titanium	6.5	8.5	148	0.21	NA	NA	NA	mg/kg
CQ40-001	2085939.8	749495.9	Uranium 238/234	8.5	10.5	2.45	8.00	506.00	103.00	1.49	pCi/g
CQ40-001	2085939.8	749495.9	Titanium	8.5	10.5	42.6	0.21	NA	NA	NA	mg/kg
CQ40-002	2085972.9	749501.55	Uranium-235	0	0.5	0.188	1.00	135.00	24.00	0.09	pCi/g
CQ40-002	2085972.9	749501.55	Strontium	0	0.5	51	0.01	1000000.00	1000000.00	48.94	mg/kg
CQ40-002	2085972.9	749501.55	Titanium	0	0.5	98	0.19	NA	NA	NA	mg/kg
CQ40-002	2085972.9	749501.55	Zinc	0	0.5	136	0.21	576000.00	576000.00	73.76	mg/kg
CQ40-002	2085972.9	749501.55	Calcium	0	0.5	22500	3.30	NA	NA	4467.00	mg/kg
CQ40-002	2085972.9	749501.55	Aroclor-1260	0	0.5	65	5.00	224000.00	2240.00	NA	ug/kg
CQ40-002	2085972.9	749501.55	Aroclor-1254	0	0.5	160	4.50	224000.00	2240.00	NA	ug/kg
CQ40-002	2085972.9	749501.55	Dieldrin	0	0.5	1.8	0.57	28000.00	280.00	NA	ug/kg
CQ40-002	2085972.9	749501.55	Endrin	0	0.5	2.8	0.40	NA	NA	NA	ug/kg
CQ40-002	2085972.9	749501.55	Uranium 238/234	0.5	2.5	1.69	8.00	506.00	103.00	1.49	pCi/g
CQ40-002	2085972.9	749501.55	Titanium	0.5	2.5	121	0.20	NA	NA	NA	mg/kg
CQ40-002	2085972.9	749501.55	Titanium	2.5	4.5	91.7	0.20	NA	NA	NA	mg/kg
CQ40-002	2085972.9	749501.55	Uranium-235	4.5	6.5	0.151	1.00	113.00	24.00	0.12	pCi/g
CQ40-002	2085972.9	749501.55	Titanium	4.5	6.5	208	0.22	NA	NA	NA	mg/kg
CQ40-002	2085972.9	749501.55	Uranium-235	6.5	8.5	0.131	1.00	113.00	24.00	0.12	pCi/g

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CQ40-002	2085972.9	749501.55	Titanium	6.5	8.5	282	0.21	NA	NA	NA	mg/kg
CQ41-001	2085945	749591.3	1,2-Dichloroethane-D4	0.5	2.5	150508.07	0.00	NA	NA	NA	ug/kg
CQ41-001	2085945	749591.3	Toluene-D8	0.5	2.5	148326.36	0.00	NA	NA	NA	ug/kg
CQ41-001	2085945	749591.3	Chlorobenzene-D5	0.5	2.5	149432.16	0.00	NA	NA	NA	ug/kg
CQ41-001	2085945	749591.3	1,4-Dichlorobenzene-D4	0.5	2.5	149432.16	0.00	NA	NA	NA	ug/kg
CQ41-001	2085945	749591.3	4-Bromofluorobenzene	0.5	2.5	140257.02	0.00	NA	NA	NA	ug/kg
CQ41-001	2085945	749591.3	Fluorobenzene	0.5	2.5	149432.16	0.00	NA	NA	NA	ug/kg
CQ41-001	2085945	749591.3	Aroclor-1260	0.5	2.5	3500	300.00	531000000.00	5310000.00	NA	ug/kg
CQ41-001	2085945	749591.3	Aroclor-1254	0.5	2.5	11000	270.00	531000000.00	5310000.00	NA	ug/kg
CQ41-001	2085945	749591.3	1,2-Dichloroethane-D4	2.5	4.5	291740.41	0.00	NA	NA	NA	ug/kg
CQ41-001	2085945	749591.3	Toluene-D8	2.5	4.5	293746.31	0.00	NA	NA	NA	ug/kg
CQ41-001	2085945	749591.3	Chlorobenzene-D5	2.5	4.5	294985.25	0.00	NA	NA	NA	ug/kg
CQ41-001	2085945	749591.3	1,4-Dichlorobenzene-D4	2.5	4.5	294985.25	0.00	NA	NA	NA	ug/kg
CQ41-001	2085945	749591.3	4-Bromofluorobenzene	2.5	4.5	284011.8	0.00	NA	NA	NA	ug/kg
CQ41-001	2085945	749591.3	Fluorobenzene	2.5	4.5	294985.25	0.00	NA	NA	NA	ug/kg
CQ41-001	2085945	749591.3	Aroclor-1260	2.5	4.5	3500	290.00	531000000.00	5310000.00	NA	ug/kg
CQ41-001	2085945	749591.3	Aroclor-1254	2.5	4.5	9000	260.00	531000000.00	5310000.00	NA	ug/kg
CQ41-001	2085945	749591.3	1,2-Dichloroethane-D4	4.5	5.8	121483.52	0.00	NA	NA	NA	ug/kg
CQ41-001	2085945	749591.3	Toluene-D8	4.5	5.8	116729.82	0.00	NA	NA	NA	ug/kg
CQ41-001	2085945	749591.3	Chlorobenzene-D5	4.5	5.8	114823.75	0.00	NA	NA	NA	ug/kg
CQ41-001	2085945	749591.3	1,4-Dichlorobenzene-D4	4.5	5.8	114823.75	0.00	NA	NA	NA	ug/kg
CQ41-001	2085945	749591.3	4-Bromofluorobenzene	4.5	5.8	108852.91	0.00	NA	NA	NA	ug/kg
CQ41-001	2085945	749591.3	Fluorobenzene	4.5	5.8	114823.75	0.00	NA	NA	NA	ug/kg
CQ41-001	2085945	749591.3	Aroclor-1260	4.5	5.8	3500	250.00	531000000.00	5310000.00	NA	ug/kg
CQ41-001	2085945	749591.3	Aroclor-1254	4.5	5.8	9300	230.00	531000000.00	5310000.00	NA	ug/kg
CQ41-002	2085986.6	749593.77	Aroclor-1260	0.5	2.5	450	25.00	531000000.00	5310000.00	NA	ug/kg
CQ41-002	2085986.6	749593.77	Aroclor-1254	0.5	2.5	1200	22.00	531000000.00	5310000.00	NA	ug/kg
CQ41-002	2085986.6	749593.77	1,2-Dichloroethane-D4	4.5	5.6	284.6749	0.00	NA	NA	NA	ug/kg
CQ41-002	2085986.6	749593.77	Toluene-D8	4.5	5.6	285.71429	0.00	NA	NA	NA	ug/kg
CQ41-002	2085986.6	749593.77	Chlorobenzene-D5	4.5	5.6	288.71694	0.00	NA	NA	NA	ug/kg
CQ41-002	2085986.6	749593.77	1,4-Dichlorobenzene-D4	4.5	5.6	288.71694	0.00	NA	NA	NA	ug/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CQ41-002	2085986.6	749593.77	4-Bromofluorobenzene	4.5	5.6	276.35986	0.00	NA	NA	NA	ug/kg
CQ41-002	2085986.6	749593.77	Fluorobenzene	4.5	5.6	288.71694	0.00	NA	NA	NA	ug/kg
CQ41-003	2086013.5	749568.15	Aroclor-1254	0.5	2.5	2400	44.00	531000000.00	5310000.00	NA	ug/kg
CQ41-003	2086013.5	749568.15	Aroclor-1254	2.5	4.5	840	24.00	531000000.00	5310000.00	NA	ug/kg
CQ41-003	2086013.5	749568.15	1,2-Dichloroethane-D4	4.5	6.5	61.748303	0.00	NA	NA	NA	ug/kg
CQ41-003	2086013.5	749568.15	Toluene-D8	4.5	6.5	56.450049	0.00	NA	NA	NA	ug/kg
CQ41-003	2086013.5	749568.15	Chlorobenzene-D5	4.5	6.5	60.620757	0.00	NA	NA	NA	ug/kg
CQ41-003	2086013.5	749568.15	1,4-Dichlorobenzene-D4	4.5	6.5	60.620757	0.00	NA	NA	NA	ug/kg
CQ41-003	2086013.5	749568.15	4-Bromofluorobenzene	4.5	6.5	54.922406	0.00	NA	NA	NA	ug/kg
CQ41-003	2086013.5	749568.15	Fluorobenzene	4.5	6.5	60.620757	0.00	NA	NA	NA	ug/kg
CQ41-003	2086013.5	749568.15	Aroclor-1254	4.5	6.5	360	25.00	531000000.00	5310000.00	NA	ug/kg
CQ41-003	2086013.5	749568.15	Tetrachloroethene	6.5	8.5	15.851006	6.80	3150000.00	31500.00	NA	ug/kg
CQ41-003	2086013.5	749568.15	1,2-Dichloroethane-D4	6.5	8.5	77.365417	0.00	NA	NA	NA	ug/kg
CQ41-003	2086013.5	749568.15	Toluene-D8	6.5	8.5	69.575857	0.00	NA	NA	NA	ug/kg
CQ41-003	2086013.5	749568.15	Chlorobenzene-D5	6.5	8.5	67.971724	0.00	NA	NA	NA	ug/kg
CQ41-003	2086013.5	749568.15	1,4-Dichlorobenzene-D4	6.5	8.5	67.971724	0.00	NA	NA	NA	ug/kg
CQ41-003	2086013.5	749568.15	4-Bromofluorobenzene	6.5	8.5	68.474715	0.00	NA	NA	NA	ug/kg
CQ41-003	2086013.5	749568.15	Fluorobenzene	6.5	8.5	67.971724	0.00	NA	NA	NA	ug/kg
CQ41-003	2086013.5	749568.15	Aroclor-1254	6.5	8.5	140	5.50	531000000.00	5310000.00	NA	ug/kg
CQ41-003	2086013.5	749568.15	1,2-Dichloroethane-D4	8.5	10.5	160.56248	0.00	NA	NA	NA	ug/kg
CQ41-003	2086013.5	749568.15	Toluene-D8	8.5	10.5	155.51294	0.00	NA	NA	NA	ug/kg
CQ41-003	2086013.5	749568.15	Chlorobenzene-D5	8.5	10.5	159.79546	0.00	NA	NA	NA	ug/kg
CQ41-003	2086013.5	749568.15	1,4-Dichlorobenzene-D4	8.5	10.5	159.79546	0.00	NA	NA	NA	ug/kg
CQ41-003	2086013.5	749568.15	4-Bromofluorobenzene	8.5	10.5	151.26238	0.00	NA	NA	NA	ug/kg
CQ41-003	2086013.5	749568.15	Fluorobenzene	8.5	10.5	159.79546	0.00	NA	NA	NA	ug/kg
CQ40-003	2085987.3	749534.75	Xylenes, Total	0.5	2.5	33.171521	11.00	9740000000.00	97400000.00	NA	ug/kg
CQ40-003	2085987.3	749534.75	1,2-Dichloroethane-D4	0.5	2.5	58.079828	0.00	NA	NA	NA	ug/kg
CQ40-003	2085987.3	749534.75	Toluene-D8	0.5	2.5	52.071198	0.00	NA	NA	NA	ug/kg
CQ40-003	2085987.3	749534.75	Chlorobenzene-D5	0.5	2.5	53.937433	0.00	NA	NA	NA	ug/kg
CQ40-003	2085987.3	749534.75	1,4-Dichlorobenzene-D4	0.5	2.5	53.937433	0.00	NA	NA	NA	ug/kg
CQ40-003	2085987.3	749534.75	4-Bromofluorobenzene	0.5	2.5	51.434736	0.00	NA	NA	NA	ug/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CQ40-003	2085987.3	749534.75	Fluorobenzene	0.5	2.5	53.937433	0.00	NA	NA	NA	ug/kg
CQ40-003	2085987.3	749534.75	Aroclor-1260	0.5	2.5	210	26.00	531000000.00	5310000.00	NA	ug/kg
CQ40-003	2085987.3	749534.75	Aroclor-1254	0.5	2.5	980	23.00	531000000.00	5310000.00	NA	ug/kg
CQ40-003	2085987.3	749534.75	1,2-Dichloroethane-D4	2.5	4.5	56.846246	0.00	NA	NA	NA	ug/kg
CQ40-003	2085987.3	749534.75	Toluene-D8	2.5	4.5	50.814119	0.00	NA	NA	NA	ug/kg
CQ40-003	2085987.3	749534.75	Chlorobenzene-D5	2.5	4.5	54.638837	0.00	NA	NA	NA	ug/kg
CQ40-003	2085987.3	749534.75	1,4-Dichlorobenzene-D4	2.5	4.5	54.638837	0.00	NA	NA	NA	ug/kg
CQ40-003	2085987.3	749534.75	4-Bromofluorobenzene	2.5	4.5	49.644847	0.00	NA	NA	NA	ug/kg
CQ40-003	2085987.3	749534.75	Fluorobenzene	2.5	4.5	54.638837	0.00	NA	NA	NA	ug/kg
CQ40-003	2085987.3	749534.75	Aroclor-1254	2.5	4.5	3900	470.00	531000000.00	5310000.00	NA	ug/kg
CQ40-003	2085987.3	749534.75	Tetrachloroethene	4.5	6.5	13.566764	5.60	3150000.00	31500.00	NA	ug/kg
CQ40-003	2085987.3	749534.75	1,2-Dichloroethane-D4	4.5	6.5	61.461383	0.00	NA	NA	NA	ug/kg
CQ40-003	2085987.3	749534.75	Toluene-D8	4.5	6.5	52.251745	0.00	NA	NA	NA	ug/kg
CQ40-003	2085987.3	749534.75	Chlorobenzene-D5	4.5	6.5	56.293628	0.00	NA	NA	NA	ug/kg
CQ40-003	2085987.3	749534.75	1,4-Dichlorobenzene-D4	4.5	6.5	56.293628	0.00	NA	NA	NA	ug/kg
CQ40-003	2085987.3	749534.75	4-Bromofluorobenzene	4.5	6.5	52.139158	0.00	NA	NA	NA	ug/kg
CQ40-003	2085987.3	749534.75	Fluorobenzene	4.5	6.5	56.293628	0.00	NA	NA	NA	ug/kg
CQ40-003	2085987.3	749534.75	Aroclor-1254	4.5	6.5	6900	240.00	531000000.00	5310000.00	NA	ug/kg
CP41-002	2085923	749619.5	Aroclor-1260	0.5	2.5	53	5.60	531000000.00	5310000.00	NA	ug/kg
CP41-002	2085923	749619.5	Aroclor-1254	0.5	2.5	290	5.00	531000000.00	5310000.00	NA	ug/kg
CP41-002	2085923	749619.5	1,2-Dichloroethane-D4	2.5	4.5	5425.918	0.00	NA	NA	NA	ug/kg
CP41-002	2085923	749619.5	Toluene-D8	2.5	4.5	5244.4492	0.00	NA	NA	NA	ug/kg
CP41-002	2085923	749619.5	Chlorobenzene-D5	2.5	4.5	5337.3185	0.00	NA	NA	NA	ug/kg
CP41-002	2085923	749619.5	1,4-Dichlorobenzene-D4	2.5	4.5	5337.3185	0.00	NA	NA	NA	ug/kg
CP41-002	2085923	749619.5	4-Bromofluorobenzene	2.5	4.5	5077.9249	0.00	NA	NA	NA	ug/kg
CP41-002	2085923	749619.5	Fluorobenzene	2.5	4.5	5337.3185	0.00	NA	NA	NA	ug/kg
CP41-002	2085923	749619.5	1,2-Dichloroethane-D4	4.5	6.5	262.57248	0.00	NA	NA	NA	ug/kg
CP41-002	2085923	749619.5	Toluene-D8	4.5	6.5	262.6252	0.00	NA	NA	NA	ug/kg
CP41-002	2085923	749619.5	Chlorobenzene-D5	4.5	6.5	263.57406	0.00	NA	NA	NA	ug/kg
CP41-002	2085923	749619.5	1,4-Dichlorobenzene-D4	4.5	6.5	263.57406	0.00	NA	NA	NA	ug/kg
CP41-002	2085923	749619.5	4-Bromofluorobenzene	4.5	6.5	256.29942	0.00	NA	NA	NA	ug/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CP41-002	2085923	749619.5	Fluorobenzene	4.5	6.5	263.57406	0.00	NA	NA	NA	ug/kg
CP41-002	2085923	749619.5	1,2-Dichloroethane-D4	6.5	8.5	70.828152	0.00	NA	NA	NA	ug/kg
CP41-002	2085923	749619.5	Toluene-D8	6.5	8.5	61.539418	0.00	NA	NA	NA	ug/kg
CP41-002	2085923	749619.5	Chlorobenzene-D5	6.5	8.5	62.173589	0.00	NA	NA	NA	ug/kg
CP41-002	2085923	749619.5	1,4-Dichlorobenzene-D4	6.5	8.5	62.173589	0.00	NA	NA	NA	ug/kg
CP41-002	2085923	749619.5	4-Bromofluorobenzene	6.5	8.5	61.564287	0.00	NA	NA	NA	ug/kg
CP41-002	2085923	749619.5	Fluorobenzene	6.5	8.5	62.173589	0.00	NA	NA	NA	ug/kg
CP41-002	2085923	749619.5	1,2-Dichloroethane-D4	8.5	9.3	66.103881	0.00	NA	NA	NA	ug/kg
CP41-002	2085923	749619.5	Toluene-D8	8.5	9.3	56.302028	0.00	NA	NA	NA	ug/kg
CP41-002	2085923	749619.5	Chlorobenzene-D5	8.5	9.3	58.62352	0.00	NA	NA	NA	ug/kg
CP41-002	2085923	749619.5	1,4-Dichlorobenzene-D4	8.5	9.3	58.62352	0.00	NA	NA	NA	ug/kg
CP41-002	2085923	749619.5	4-Bromofluorobenzene	8.5	9.3	55.621996	0.00	NA	NA	NA	ug/kg
CP41-002	2085923	749619.5	Fluorobenzene	8.5	9.3	58.62352	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	1,2-Dichloroethane-D4	0.5	2.5	280.56101	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	Toluene-D8	0.5	2.5	284.02401	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	Chlorobenzene-D5	0.5	2.5	288.58363	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	1,4-Dichlorobenzene-D4	0.5	2.5	288.58363	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	4-Bromofluorobenzene	0.5	2.5	264.22717	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	Fluorobenzene	0.5	2.5	288.58363	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	Aroclor-1260	0.5	2.5	830	29.00	531000000.00	5310000.00	NA	ug/kg
CQ41-005	2085961.2	749623.02	Aroclor-1254	0.5	2.5	1800	26.00	531000000.00	5310000.00	NA	ug/kg
CQ41-005	2085961.2	749623.02	1,2-Dichloroethane-D4	2.5	4.5	468500	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	Toluene-D8	2.5	4.5	489100	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	Chlorobenzene-D5	2.5	4.5	500000	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	1,4-Dichlorobenzene-D4	2.5	4.5	500000	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	4-Bromofluorobenzene	2.5	4.5	456800	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	Fluorobenzene	2.5	4.5	500000	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	Aroclor-1260	2.5	4.5	7300	590.00	531000000.00	5310000.00	NA	ug/kg
CQ41-005	2085961.2	749623.02	Aroclor-1254	2.5	4.5	21000	530.00	531000000.00	5310000.00	NA	ug/kg
CQ41-005	2085961.2	749623.02	1,2-Dichloroethane-D4	4.5	6.5	923000	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	Toluene-D8	4.5	6.5	978000	0.00	NA	NA	NA	ug/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CQ41-005	2085961.2	749623.02	Chlorobenzene-D5	4.5	6.5	1000000	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	1,4-Dichlorobenzene-D4	4.5	6.5	1000000	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	4-Bromofluorobenzene	4.5	6.5	893600	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	Fluorobenzene	4.5	6.5	1000000	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	Aroclor-1260	4.5	6.5	62000	2800.00	531000000.00	5310000.00	NA	ug/kg
CQ41-005	2085961.2	749623.02	Aroclor-1254	4.5	6.5	170000	2500.00	531000000.00	5310000.00	NA	ug/kg
CQ41-005	2085961.2	749623.02	1,2-Dichloroethane-D4	6.5	8.5	985000	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	Toluene-D8	6.5	8.5	1005000	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	Chlorobenzene-D5	6.5	8.5	1000000	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	1,4-Dichlorobenzene-D4	6.5	8.5	1000000	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	4-Bromofluorobenzene	6.5	8.5	914400	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	Fluorobenzene	6.5	8.5	1000000	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	Aroclor-1260	6.5	8.5	60000	5000.00	531000000.00	5310000.00	NA	ug/kg
CQ41-005	2085961.2	749623.02	Aroclor-1254	6.5	8.5	160000	4500.00	531000000.00	5310000.00	NA	ug/kg
CQ41-005	2085961.2	749623.02	1,2-Dichloroethane-D4	8.5	10.5	908800	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	Toluene-D8	8.5	10.5	968000	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	Chlorobenzene-D5	8.5	10.5	1000000	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	1,4-Dichlorobenzene-D4	8.5	10.5	1000000	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	4-Bromofluorobenzene	8.5	10.5	866000	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	Fluorobenzene	8.5	10.5	1000000	0.00	NA	NA	NA	ug/kg
CQ41-005	2085961.2	749623.02	Aroclor-1260	8.5	10.5	6000	560.00	531000000.00	5310000.00	NA	ug/kg
CQ41-005	2085961.2	749623.02	Aroclor-1254	8.5	10.5	17000	500.00	531000000.00	5310000.00	NA	ug/kg
CQ41-006	2085938.9	749650.62	Tetrachloroethene	0.5	2.5	11.671368	5.90	3150000.00	31500.00	NA	ug/kg
CQ41-006	2085938.9	749650.62	1,2-Dichloroethane-D4	0.5	2.5	64.245416	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	Toluene-D8	0.5	2.5	53.138223	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	Chlorobenzene-D5	0.5	2.5	58.768218	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	1,4-Dichlorobenzene-D4	0.5	2.5	58.768218	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	4-Bromofluorobenzene	0.5	2.5	55.688764	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	Fluorobenzene	0.5	2.5	58.768218	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	Aroclor-1260	0.5	2.5	180	5.70	531000000.00	5310000.00	NA	ug/kg
CQ41-006	2085938.9	749650.62	Aroclor-1254	0.5	2.5	330	5.10	531000000.00	5310000.00	NA	ug/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CQ41-006	2085938.9	749650.62	1,2-Dichloroethane-D4	2.5	4.5	53.550747	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	Toluene-D8	2.5	4.5	47.607437	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	Chlorobenzene-D5	2.5	4.5	50.797521	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	1,4-Dichlorobenzene-D4	2.5	4.5	50.797521	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	4-Bromofluorobenzene	2.5	4.5	49.933963	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	Fluorobenzene	2.5	4.5	50.797521	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	Tetrachloroethene	4.5	6.5	6.718817	5.40	3150000.00	31500.00	NA	ug/kg
CQ41-006	2085938.9	749650.62	1,2-Dichloroethane-D4	4.5	6.5	55.925846	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	Toluene-D8	4.5	6.5	49.924989	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	Chlorobenzene-D5	4.5	6.5	53.579083	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	1,4-Dichlorobenzene-D4	4.5	6.5	53.579083	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	4-Bromofluorobenzene	4.5	6.5	52.507501	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	Fluorobenzene	4.5	6.5	53.579083	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	Trichloroethene	4.5	6.5	5.9901414	5.40	3280000.00	32800.00	NA	ug/kg
CQ41-006	2085938.9	749650.62	Tetrachloroethene	6.5	8.5	22.816045	5.80	3150000.00	31500.00	NA	ug/kg
CQ41-006	2085938.9	749650.62	1,2-Dichloroethane-D4	6.5	8.5	67.875102	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	Toluene-D8	6.5	8.5	53.642849	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	Chlorobenzene-D5	6.5	8.5	58.472693	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	1,4-Dichlorobenzene-D4	6.5	8.5	58.472693	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	4-Bromofluorobenzene	6.5	8.5	56.76529	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	Fluorobenzene	6.5	8.5	58.472693	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	Trichloroethene	6.5	8.5	14.431061	5.80	3280000.00	32800.00	NA	ug/kg
CQ41-006	2085938.9	749650.62	Tetrachloroethene	8.5	9.2	2.9883466	2.90	3150000.00	31500.00	NA	ug/kg
CQ41-006	2085938.9	749650.62	1,2-Dichloroethane-D4	8.5	9.2	31.037268	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	Toluene-D8	8.5	9.2	26.416292	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	Chlorobenzene-D5	8.5	9.2	28.845044	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	1,4-Dichlorobenzene-D4	8.5	9.2	28.845044	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	4-Bromofluorobenzene	8.5	9.2	28.746971	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	Fluorobenzene	8.5	9.2	28.845044	0.00	NA	NA	NA	ug/kg
CQ41-006	2085938.9	749650.62	Trichloroethene	8.5	9.2	3.1152648	2.90	3280000.00	32800.00	NA	ug/kg
CQ41-007	2085974.5	749656.98	1,2-Dichloroethane-D4	0.5	2.5	66.030369	0.00	NA	NA	NA	ug/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CQ41-007	2085974.5	749656.98	Toluene-D8	0.5	2.5	51.279827	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	Chlorobenzene-D5	0.5	2.5	54.229935	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	1,4-Dichlorobenzene-D4	0.5	2.5	54.229935	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	4-Bromofluorobenzene	0.5	2.5	57.093276	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	Fluorobenzene	0.5	2.5	54.229935	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	Aroclor-1260	0.5	2.5	38	5.20	531000000.00	5310000.00	NA	ug/kg
CQ41-007	2085974.5	749656.98	Aroclor-1254	0.5	2.5	91	4.60	531000000.00	5310000.00	NA	ug/kg
CQ41-007	2085974.5	749656.98	1,2-Dichloroethane-D4	2.5	4.5	54.951716	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	Toluene-D8	2.5	4.5	46.496815	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	Chlorobenzene-D5	2.5	4.5	51.366345	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	1,4-Dichlorobenzene-D4	2.5	4.5	51.366345	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	4-Bromofluorobenzene	2.5	4.5	48.93158	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	Fluorobenzene	2.5	4.5	51.366345	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	1,2-Dichloroethane-D4	4.5	6.5	57.259979	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	Toluene-D8	4.5	6.5	48.187702	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	Chlorobenzene-D5	4.5	6.5	53.937433	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	1,4-Dichlorobenzene-D4	4.5	6.5	53.937433	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	4-Bromofluorobenzene	4.5	6.5	51.078749	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	Fluorobenzene	4.5	6.5	53.937433	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	1,2-Dichloroethane-D4	6.5	8.5	57.196262	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	Toluene-D8	6.5	8.5	47.788162	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	Chlorobenzene-D5	6.5	8.5	51.92108	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	1,4-Dichlorobenzene-D4	6.5	8.5	51.92108	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	4-Bromofluorobenzene	6.5	8.5	50.259605	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	Fluorobenzene	6.5	8.5	51.92108	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	Tetrachloroethene	8.5	10.5	644.90257	30.00	31500000.00	31500.00	NA	ug/kg
CQ41-007	2085974.5	749656.98	1,2-Dichloroethane-D4	8.5	10.5	328.125	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	Toluene-D8	8.5	10.5	266.93203	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	Chlorobenzene-D5	8.5	10.5	297.05323	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	1,4-Dichlorobenzene-D4	8.5	10.5	297.05323	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	4-Bromofluorobenzene	8.5	10.5	280.18061	0.00	NA	NA	NA	ug/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CQ41-007	2085974.5	749656.98	Fluorobenzene	8.5	10.5	297.05323	0.00	NA	NA	NA	ug/kg
CQ41-007	2085974.5	749656.98	Chloroform	8.5	10.5	40.161597	30.00	21400000.00	214000.00	NA	ug/kg
CQ41-004	2085992.8	749626.46	Tetrachloroethene	0.5	2.5	65.829363	27.00	3150000.00	31500.00	NA	ug/kg
CQ41-004	2085992.8	749626.46	1,2-Dichloroethane-D4	0.5	2.5	299.15548	0.00	NA	NA	NA	ug/kg
CQ41-004	2085992.8	749626.46	Toluene-D8	0.5	2.5	247.67215	0.00	NA	NA	NA	ug/kg
CQ41-004	2085992.8	749626.46	Chlorobenzene-D5	0.5	2.5	270.67995	0.00	NA	NA	NA	ug/kg
CQ41-004	2085992.8	749626.46	1,4-Dichlorobenzene-D4	0.5	2.5	270.67995	0.00	NA	NA	NA	ug/kg
CQ41-004	2085992.8	749626.46	4-Bromofluorobenzene	0.5	2.5	276.79731	0.00	NA	NA	NA	ug/kg
CQ41-004	2085992.8	749626.46	Fluorobenzene	0.5	2.5	270.67995	0.00	NA	NA	NA	ug/kg
CQ41-004	2085992.8	749626.46	Aroclor-1254	0.5	2.5	2900	47.00	531000000.00	5310000.00	NA	ug/kg
CQ41-004	2085992.8	749626.46	Tetrachloroethene	2.5	4.5	437.28893	290.00	3150000.00	31500.00	NA	ug/kg
CQ41-004	2085992.8	749626.46	1,2-Dichloroethane-D4	2.5	4.5	3060.4402	0.00	NA	NA	NA	ug/kg
CQ41-004	2085992.8	749626.46	Toluene-D8	2.5	4.5	2652.2651	0.00	NA	NA	NA	ug/kg
CQ41-004	2085992.8	749626.46	Chlorobenzene-D5	2.5	4.5	2911.3777	0.00	NA	NA	NA	ug/kg
CQ41-004	2085992.8	749626.46	1,4-Dichlorobenzene-D4	2.5	4.5	2911.3777	0.00	NA	NA	NA	ug/kg
CQ41-004	2085992.8	749626.46	4-Bromofluorobenzene	2.5	4.5	2815.3022	0.00	NA	NA	NA	ug/kg
CQ41-004	2085992.8	749626.46	Fluorobenzene	2.5	4.5	2911.3777	0.00	NA	NA	NA	ug/kg
CQ41-004	2085992.8	749626.46	Aroclor-1260	2.5	4.5	1500	54.00	531000000.00	5310000.00	NA	ug/kg
CQ41-004	2085992.8	749626.46	Aroclor-1254	2.5	4.5	3600	49.00	531000000.00	5310000.00	NA	ug/kg
CQ41-004	2085992.8	749626.46	1,2-Dichloroethane-D4	4.5	6.5	3029.731	0.00	NA	NA	NA	ug/kg
CQ41-004	2085992.8	749626.46	Toluene-D8	4.5	6.5	2744.219	0.00	NA	NA	NA	ug/kg
CQ41-004	2085992.8	749626.46	Chlorobenzene-D5	4.5	6.5	2949.5045	0.00	NA	NA	NA	ug/kg
CQ41-004	2085992.8	749626.46	1,4-Dichlorobenzene-D4	4.5	6.5	2949.5045	0.00	NA	NA	NA	ug/kg
CQ41-004	2085992.8	749626.46	4-Bromofluorobenzene	4.5	6.5	2892.874	0.00	NA	NA	NA	ug/kg
CQ41-004	2085992.8	749626.46	Fluorobenzene	4.5	6.5	2949.5045	0.00	NA	NA	NA	ug/kg
CQ41-004	2085992.8	749626.46	Aroclor-1254	4.5	6.5	780	25.00	531000000.00	5310000.00	NA	ug/kg
CQ41-004	2085992.8	749626.46	Aroclor-1260	6.5	8.5	43	5.80	531000000.00	5310000.00	NA	ug/kg
CQ41-004	2085992.8	749626.46	Aroclor-1254	6.5	8.5	97	5.20	531000000.00	5310000.00	NA	ug/kg
CQ41-010	2085987.8	749690.93	1,2,4-Trichlorobenzene	8.5	9.5	17	0.82	433000000.00	4330000.00	NA	ug/kg
CQ41-010	2085987.8	749690.93	Tetrachloroethene	8.5	9.5	550	1.10	3150000.00	31500.00	NA	ug/kg
CQ41-008	2086039.4	749669.66	Tetrachloroethene	6.5	8	38	1.20	3150000.00	31500.00	NA	ug/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CQ41-008	2086039.4	749669.66	Trichloroethene	6.5	8	10	1.00	3280000.00	32800.00	NA	ug/kg
CQ41-008	2086039.4	749669.66	Tetrachloroethene	8	8.5	11	1.20	3150000.00	31500.00	NA	ug/kg
CQ41-009	2085953.3	749682.87	Ethylbenzene	0	0.5	15.654686	5.50	192000000.00	192000000.00	NA	ug/kg
CQ41-009	2085953.3	749682.87	Xylenes, Total	0	0.5	122.39912	11.00	1000000000.00	1000000000.00	NA	ug/kg
CQ41-009	2085953.3	749682.87	1,2-Dichloroethane-D4	0	0.5	53.525053	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	Toluene-D8	0	0.5	53.470469	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	Chlorobenzene-D5	0	0.5	54.583983	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	1,4-Dichlorobenzene-D4	0	0.5	54.583983	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	4-Bromofluorobenzene	0	0.5	52.498875	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	Fluorobenzene	0	0.5	54.583983	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	1,2-Dichloroethane-D4	2.5	4.5	54.946234	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	Toluene-D8	2.5	4.5	51.340355	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	Chlorobenzene-D5	2.5	4.5	51.074766	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	1,4-Dichlorobenzene-D4	2.5	4.5	51.074766	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	4-Bromofluorobenzene	2.5	4.5	51.156486	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	Fluorobenzene	2.5	4.5	51.074766	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	1,2-Dichloroethane-D4	4.5	6.5	2812.5461	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	Toluene-D8	4.5	6.5	2845.2755	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	Chlorobenzene-D5	4.5	6.5	2727.4497	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	1,4-Dichlorobenzene-D4	4.5	6.5	2727.4497	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	4-Bromofluorobenzene	4.5	6.5	2773.2708	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	Fluorobenzene	4.5	6.5	2727.4497	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	1,2-Dichloroethane-D4	6.5	8	2839.4049	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	Toluene-D8	6.5	8	2795.4093	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	Chlorobenzene-D5	6.5	8	2820.2273	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	1,4-Dichlorobenzene-D4	6.5	8	2820.2273	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	4-Bromofluorobenzene	6.5	8	2651.0137	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	Fluorobenzene	6.5	8	2820.2273	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	Tetrachloroethene	8	8.5	38.246187	28.00	3150000.00	31500.00	NA	ug/kg
CQ41-009	2085953.3	749682.87	1,2-Dichloroethane-D4	8	8.5	288.66502	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	Toluene-D8	8	8.5	284.36646	0.00	NA	NA	NA	ug/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CQ41-009	2085953.3	749682.87	Chlorobenzene-D5	8	8.5	275.54889	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	1,4-Dichlorobenzene-D4	8	8.5	275.54889	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	4-Bromofluorobenzene	8	8.5	272.68319	0.00	NA	NA	NA	ug/kg
CQ41-009	2085953.3	749682.87	Fluorobenzene	8	8.5	275.54889	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	Xylenes, Total	0	0.5	12.008538	11.00	1000000000.00	1000000000.00	NA	ug/kg
CQ41-011	2085967.1	749715.77	1,2-Dichloroethane-D4	0	0.5	54.723543	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	Toluene-D8	0	0.5	52.695146	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	Chlorobenzene-D5	0	0.5	53.94671	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	1,4-Dichlorobenzene-D4	0	0.5	53.94671	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	4-Bromofluorobenzene	0	0.5	52.058575	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	Fluorobenzene	0	0.5	53.94671	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	1,2-Dichloroethane-D4	0.5	2.5	57.026109	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	Toluene-D8	0.5	2.5	55.910182	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	Chlorobenzene-D5	0.5	2.5	56.935013	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	1,4-Dichlorobenzene-D4	0.5	2.5	56.935013	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	4-Bromofluorobenzene	0.5	2.5	52.926788	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	Fluorobenzene	0.5	2.5	56.935013	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	1,2-Dichloroethane-D4	2.5	4.5	53.021077	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	Toluene-D8	2.5	4.5	50.777761	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	Chlorobenzene-D5	2.5	4.5	50.525135	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	1,4-Dichlorobenzene-D4	2.5	4.5	50.525135	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	4-Bromofluorobenzene	2.5	4.5	50.424085	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	Fluorobenzene	2.5	4.5	50.525135	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	1,2-Dichloroethane-D4	4.5	6.5	56.196557	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	Toluene-D8	4.5	6.5	55.098324	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	Chlorobenzene-D5	4.5	6.5	54.911625	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	1,4-Dichlorobenzene-D4	4.5	6.5	54.911625	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	4-Bromofluorobenzene	4.5	6.5	53.80241	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	Fluorobenzene	4.5	6.5	54.911625	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	Tetrachloroethene	6.5	8.5	107.80039	6.20	3150000.00	31500.00	NA	ug/kg
CQ41-011	2085967.1	749715.77	1,2-Dichloroethane-D4	6.5	8.5	60.883044	0.00	NA	NA	NA	ug/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CQ41-011	2085967.1	749715.77	Toluene-D8	6.5	8.5	61.387531	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	Chlorobenzene-D5	6.5	8.5	61.522881	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	1,4-Dichlorobenzene-D4	6.5	8.5	61.522881	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	4-Bromofluorobenzene	6.5	8.5	60.132464	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	Fluorobenzene	6.5	8.5	61.522881	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	1,2-Dichloroethane-D4	8.5	10.5	59.533959	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	Toluene-D8	8.5	10.5	57.216593	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	Chlorobenzene-D5	8.5	10.5	58.816399	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	1,4-Dichlorobenzene-D4	8.5	10.5	58.816399	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	4-Bromofluorobenzene	8.5	10.5	56.781351	0.00	NA	NA	NA	ug/kg
CQ41-011	2085967.1	749715.77	Fluorobenzene	8.5	10.5	58.816399	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	1,2-Dichloroethane-D4	0	0.5	53.240115	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	Toluene-D8	0	0.5	46.177135	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	Chlorobenzene-D5	0	0.5	50.52203	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	1,4-Dichlorobenzene-D4	0	0.5	50.52203	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	4-Bromofluorobenzene	0	0.5	46.69246	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	Fluorobenzene	0	0.5	50.52203	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	1,2-Dichloroethane-D4	0.5	2.5	61.635164	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	Toluene-D8	0.5	2.5	54.268451	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	Chlorobenzene-D5	0.5	2.5	49.842442	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	1,4-Dichlorobenzene-D4	0.5	2.5	49.842442	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	4-Bromofluorobenzene	0.5	2.5	53.461003	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	Fluorobenzene	0.5	2.5	49.842442	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	1,2-Dichloroethane-D4	2.5	4.5	55.967126	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	Toluene-D8	2.5	4.5	53.982115	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	Chlorobenzene-D5	2.5	4.5	50.897714	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	1,4-Dichlorobenzene-D4	2.5	4.5	50.897714	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	4-Bromofluorobenzene	2.5	4.5	54.460554	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	Fluorobenzene	2.5	4.5	50.897714	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	Tetrachloroethene	4.5	6.5	7.4102576	5.50	3150000.00	31500.00	NA	ug/kg
CQ41-012	2086001.4	749723.55	1,2-Dichloroethane-D4	4.5	6.5	57.692582	0.00	NA	NA	NA	ug/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CQ41-012	2086001.4	749723.55	Toluene-D8	4.5	6.5	56.223685	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	Chlorobenzene-D5	4.5	6.5	54.809597	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	1,4-Dichlorobenzene-D4	4.5	6.5	54.809597	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	4-Bromofluorobenzene	4.5	6.5	56.267533	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	Fluorobenzene	4.5	6.5	54.809597	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	Tetrachloroethene	6.5	8.5	346.55872	130.00	3150000.00	31500.00	NA	ug/kg
CQ41-012	2086001.4	749723.55	1,2-Dichloroethane-D4	6.5	8.5	1287.9382	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	Toluene-D8	6.5	8.5	1398.837	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	Chlorobenzene-D5	6.5	8.5	1260.2135	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	1,4-Dichlorobenzene-D4	6.5	8.5	1260.2135	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	4-Bromofluorobenzene	6.5	8.5	1382.9583	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	Fluorobenzene	6.5	8.5	1260.2135	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	Tetrachloroethene	8.5	9	2997.4157	150.00	3150000.00	31500.00	NA	ug/kg
CQ41-012	2086001.4	749723.55	1,2-Dichloroethane-D4	8.5	9	1495.7657	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	Toluene-D8	8.5	9	1563.1399	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	Chlorobenzene-D5	8.5	9	1471.0521	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	1,4-Dichlorobenzene-D4	8.5	9	1471.0521	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	4-Bromofluorobenzene	8.5	9	1521.362	0.00	NA	NA	NA	ug/kg
CQ41-012	2086001.4	749723.55	Fluorobenzene	8.5	9	1471.0521	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	1,2-Dichloroethane-D4	0	0.5	52.442975	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	Toluene-D8	0	0.5	51.70545	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	Chlorobenzene-D5	0	0.5	49.168362	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	1,4-Dichlorobenzene-D4	0	0.5	49.168362	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	4-Bromofluorobenzene	0	0.5	52.039795	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	Fluorobenzene	0	0.5	49.168362	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	1,2-Dichloroethane-D4	0.5	2.5	51.160731	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	Toluene-D8	0.5	2.5	49.800388	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	Chlorobenzene-D5	0.5	2.5	49.287795	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	1,4-Dichlorobenzene-D4	0.5	2.5	49.287795	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	4-Bromofluorobenzene	0.5	2.5	49.63281	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	Fluorobenzene	0.5	2.5	49.287795	0.00	NA	NA	NA	ug/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CQ41-013	2086046.2	749718.13	1,2-Dichloroethane-D4	2.5	4.5	63.337638	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	Toluene-D8	2.5	4.5	60.404105	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	Chlorobenzene-D5	2.5	4.5	60.61018	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	1,4-Dichlorobenzene-D4	2.5	4.5	60.61018	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	4-Bromofluorobenzene	2.5	4.5	60.949597	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	Fluorobenzene	2.5	4.5	60.61018	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	1,2-Dichloroethane-D4	4.5	6.5	306.87078	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	Toluene-D8	4.5	6.5	297.41041	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	Chlorobenzene-D5	4.5	6.5	295.63659	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	1,4-Dichlorobenzene-D4	4.5	6.5	295.63659	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	4-Bromofluorobenzene	4.5	6.5	294.74968	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	Fluorobenzene	4.5	6.5	295.63659	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	1,2-Dichloroethane-D4	6.5	8.5	60.197566	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	Toluene-D8	6.5	8.5	59.402724	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	Chlorobenzene-D5	6.5	8.5	58.444238	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	1,4-Dichlorobenzene-D4	6.5	8.5	58.444238	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	4-Bromofluorobenzene	6.5	8.5	57.894863	0.00	NA	NA	NA	ug/kg
CQ41-013	2086046.2	749718.13	Fluorobenzene	6.5	8.5	58.444238	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	1,2-Dichloroethane-D4	0.5	2.5	52.397792	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	Toluene-D8	0.5	2.5	52.561279	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	Chlorobenzene-D5	0.5	2.5	51.08989	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	1,4-Dichlorobenzene-D4	0.5	2.5	51.08989	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	4-Bromofluorobenzene	0.5	2.5	49.138257	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	Fluorobenzene	0.5	2.5	51.08989	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	1,2-Dichloroethane-D4	2.5	4.5	54.065097	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	Toluene-D8	2.5	4.5	55.462872	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	Chlorobenzene-D5	2.5	4.5	53.350204	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	1,4-Dichlorobenzene-D4	2.5	4.5	53.350204	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	4-Bromofluorobenzene	2.5	4.5	52.31521	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	Fluorobenzene	2.5	4.5	53.350204	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	1,2-Dichloroethane-D4	4.5	6.5	50.873792	0.00	NA	NA	NA	ug/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CP41-001	2085886	749614.98	Toluene-D8	4.5	6.5	52.137928	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	Chlorobenzene-D5	4.5	6.5	51.387668	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	1,4-Dichlorobenzene-D4	4.5	6.5	51.387668	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	4-Bromofluorobenzene	4.5	6.5	49.486325	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	Fluorobenzene	4.5	6.5	51.387668	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	1,2-Dichloroethane-D4	6.5	8.5	57.883518	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	Toluene-D8	6.5	8.5	57.5814	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	Chlorobenzene-D5	6.5	8.5	55.947727	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	1,4-Dichlorobenzene-D4	6.5	8.5	55.947727	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	4-Bromofluorobenzene	6.5	8.5	53.743386	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	Fluorobenzene	6.5	8.5	55.947727	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	1,2-Dichloroethane-D4	8.5	10.5	57.778736	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	Toluene-D8	8.5	10.5	61.041591	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	Chlorobenzene-D5	8.5	10.5	59.541154	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	1,4-Dichlorobenzene-D4	8.5	10.5	59.541154	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	4-Bromofluorobenzene	8.5	10.5	58.397964	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	Fluorobenzene	8.5	10.5	59.541154	0.00	NA	NA	NA	ug/kg
CP41-001	2085886	749614.98	Carbon Tetrachloride	8.5	10.5	10.693591	6.00	3560000.00	35600.00	NA	ug/kg
CP41-001	2085886	749614.98	Trichloroethene	8.5	10.5	6.3232705	6.00	3280000.00	32800.00	NA	ug/kg
CQ42-001	2085969.8	749814.43	1,2-Dichloroethane-D4	0.5	2.5	54.894735	0.00	NA	NA	NA	ug/kg
CQ42-001	2085969.8	749814.43	Toluene-D8	0.5	2.5	59.403865	0.00	NA	NA	NA	ug/kg
CQ42-001	2085969.8	749814.43	Chlorobenzene-D5	0.5	2.5	56.08371	0.00	NA	NA	NA	ug/kg
CQ42-001	2085969.8	749814.43	1,4-Dichlorobenzene-D4	0.5	2.5	56.08371	0.00	NA	NA	NA	ug/kg
CQ42-001	2085969.8	749814.43	4-Bromofluorobenzene	0.5	2.5	57.799871	0.00	NA	NA	NA	ug/kg.
CQ42-001	2085969.8	749814.43	Fluorobenzene	0.5	2.5	56.08371	0.00	NA	NA	NA	ug/kg
CQ42-001	2085969.8	749814.43	Carbon Tetrachloride	0.5	2.5	7.3806162	5.60	3560000.00	35600.00	NA	ug/kg
CQ42-001	2085969.8	749814.43	1,2-Dichloroethane-D4	2.5	4.5	54.64582	0.00	NA	NA	NA	ug/kg
CQ42-001	2085969.8	749814.43	Toluene-D8	2.5	4.5	56.425815	0.00	NA	NA	NA	ug/kg
CQ42-001	2085969.8	749814.43	Chlorobenzene-D5	2.5	4.5	55.624817	0.00	NA	NA	NA	ug/kg
CQ42-001	2085969.8	749814.43	1,4-Dichlorobenzene-D4	2.5	4.5	55.624817	0.00	NA	NA	NA	ug/kg
CQ42-001	2085969.8	749814.43	4-Bromofluorobenzene	2.5	4.5	53.2552	0.00	NA	NA	NA	ug/kg

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CQ42-001	2085969.8	749814.43	Fluorobenzene	2.5	4.5	55.624817	0.00	NA	NA	NA	ug/kg
CQ42-000	2086005.6	749819.94	1,2-Dichloroethane-D4	0.5	2.5	54.702793	0.00	NA	NA	NA	ug/kg
CQ42-000	2086005.6	749819.94	Toluene-D8	0.5	2.5	57.072303	0.00	NA	NA	NA	ug/kg
CQ42-000	2086005.6	749819.94	Chlorobenzene-D5	0.5	2.5	56.686832	0.00	NA	NA	NA	ug/kg
CQ42-000	2086005.6	749819.94	1,4-Dichlorobenzene-D4	0.5	2.5	56.686832	0.00	NA	NA	NA	ug/kg
CQ42-000	2086005.6	749819.94	4-Bromofluorobenzene	0.5	2.5	54.804829	0.00	NA	NA	NA	ug/kg
CQ42-000	2086005.6	749819.94	Fluorobenzene	0.5	2.5	56.686832	0.00	NA	NA	NA	ug/kg
CQ42-000	2086005.6	749819.94	1,2-Dichloroethane-D4	2.5	4.5	56.25918	0.00	NA	NA	NA	ug/kg
CQ42-000	2086005.6	749819.94	Toluene-D8	2.5	4.5	57.198471	0.00	NA	NA	NA	ug/kg
CQ42-000	2086005.6	749819.94	Chlorobenzene-D5	2.5	4.5	54.609959	0.00	NA	NA	NA	ug/kg
CQ42-000	2086005.6	749819.94	1,4-Dichlorobenzene-D4	2.5	4.5	54.609959	0.00	NA	NA	NA	ug/kg
CQ42-000	2086005.6	749819.94	4-Bromofluorobenzene	2.5	4.5	53.62698	0.00	NA	NA	NA	ug/kg
CQ42-000	2086005.6	749819.94	Fluorobenzene	2.5	4.5	54.609959	0.00	NA	NA	NA	ug/kg
CQ42-000	2086005.6	749819.94	1,2-Dichloroethane-D4	4.5	6.5	52.612247	0.00	NA	NA	NA	ug/kg
CQ42-000	2086005.6	749819.94	Toluene-D8	4.5	6.5	55.820179	0.00	NA	NA	NA	ug/kg
CQ42-000	2086005.6	749819.94	Chlorobenzene-D5	4.5	6.5	54.005592	0.00	NA	NA	NA	ug/kg
CQ42-000	2086005.6	749819.94	1,4-Dichlorobenzene-D4	4.5	6.5	54.005592	0.00	NA	NA	NA	ug/kg
CQ42-000	2086005.6	749819.94	4-Bromofluorobenzene	4.5	6.5	52.677054	0.00	NA	NA	NA	ug/kg
CQ42-000	2086005.6	749819.94	Fluorobenzene	4.5	6.5	54.005592	0.00	NA	NA	NA	ug/kg
CQ42-000	2086005.6	749819.94	1,2-Dichloroethane-D4	8.5	9.5	60.835766	0.00	NA	NA	NA	ug/kg
CQ42-000	2086005.6	749819.94	Toluene-D8	8.5	9.5	60.394025	0.00	NA	NA	NA	ug/kg
CQ42-000	2086005.6	749819.94	Chlorobenzene-D5	8.5	9.5	56.633557	0.00	NA	NA	NA	ug/kg
CQ42-000	2086005.6	749819.94	1,4-Dichlorobenzene-D4	8.5	9.5	56.633557	0.00	NA	NA	NA	ug/kg
CQ42-000	2086005.6	749819.94	4-Bromofluorobenzene	8.5	9.5	57.109278	0.00	NA	NA	NA	ug/kg
CQ42-000	2086005.6	749819.94	Fluorobenzene	8.5	9.5	56.633557	0.00	NA	NA	NA	ug/kg
CN40-001	2085531.7	749521.81	Uranium-235	0.5	2.5	0.167	1.00	113.00	24.00	0.12	pCi/g
CN40-001	2085531.7	749521.81	Titanium	0.5	2.5	63.6	0.09	NA	NA	NA	mg/kg
CN40-001	2085531.7	749521.81	Uranium 238/234	2.5	4.5	3.05	8.00	506.00	103.00	1.49	pCi/g
CN40-001	2085531.7	749521.81	Titanium	2.5	4.5	41.6	0.08	NA	NA	NA	mg/kg
CN40-001	2085531.7	749521.81	Uranium-235	4.5	6.5	0.186	1.00	113.00	24.00	0.12	pCi/g
CN40-001	2085531.7	749521.81	Uranium 238/234	4.5	6.5	2.07	8.00	506.00	103.00	1.49	pCi/g

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CN40-001	2085531.7	749521.81	Titanium	4.5	6.5	33.2	0.08	NA	NA	NA	mg/kg
CN40-001	2085531.7	749521.81	Arsenic	4.5	6.5	55.1	0.44	299.00	2.99	13.14	mg/kg
CN40-001	2085531.7	749521.81	Uranium 238/234	6.5	8.5	1.53	8.00	506.00	103.00	1.49	pCi/g
CN40-001	2085531.7	749521.81	Titanium	6.5	8.5	34.7	0.08	NA	NA	NA	mg/kg
CN40-001	2085531.7	749521.81	Arsenic	6.5	8.5	15.3	0.43	299.00	2.99	13.14	mg/kg
CN40-001	2085531.7	749521.81	Uranium-235	8.5	10.5	0.132	1.00	113.00	24.00	0.12	pCi/g
CN40-001	2085531.7	749521.81	Titanium	8.5	10.5	24.4	0.08	NA	NA	NA	mg/kg
CO40-001	2085564	749538.39	Titanium	0.5	2.5	608	0.09	NA	NA	NA	mg/kg
CO40-001	2085564	749538.39	Copper	0.5	2.5	39.9	0.21	71100.00	71100.00	38.21	mg/kg
CO40-001	2085564	749538.39	Uranium-235	0.5	2.5	0.149	1.00	113.00	24.00	0.12	pCi/g
CO40-001	2085564	749538.39	Uranium 238/234	0.5	2.5	2.12	8.00	506.00	103.00	1.49	pCi/g
CO40-001	2085564	749538.39	Magnesium	0.5	2.5	9580	2.40	NA	NA	9315.44	mg/kg
CO40-001	2085564	749538.39	Uranium-235	2.5	4.5	0.225	1.00	113.00	24.00	0.12	pCi/g
CO40-001	2085564	749538.39	Titanium	2.5	4.5	37.3	0.18	NA	NA	NA	mg/kg
CO40-001	2085564	749538.39	Calcium	2.5	4.5	44400	1.00	NA	NA	39382.27	mg/kg
CO40-001	2085564	749538.39	Uranium-235	4.5	6.5	0.16	1.00	113.00	24.00	0.12	pCi/g
CO40-001	2085564	749538.39	Titanium	4.5	6.5	34.6	0.09	NA	NA	NA	mg/kg
CO40-001	2085564	749538.39	Uranium-235	6.5	8.5	0.262	1.00	113.00	24.00	0.12	pCi/g
CO40-001	2085564	749538.39	Uranium 238/234	6.5	8.5	1.59	8.00	506.00	103.00	1.49	pCi/g
CO40-001	2085564	749538.39	Titanium	6.5	8.5	39.2	0.08	NA	NA	NA	mg/kg
CO40-003	2085600.1	749540.32	Uranium-235	0.5	2.5	0.163	1.00	113.00	24.00	0.12	pCi/g
CO40-003	2085600.1	749540.32	Titanium	0.5	2.5	39.7	0.21	NA	NA	NA	mg/kg
CO40-003	2085600.1	749540.32	Uranium 238/234	2.5	4.5	2.43	8.00	506.00	103.00	1.49	pCi/g
CO40-003	2085600.1	749540.32	Titanium	2.5	4.5	36.9	0.22	NA	NA	NA	mg/kg
CO40-003	2085600.1	749540.32	Arsenic	2.5	4.5	18.9	0.69	299.00	2.99	13.14	mg/kg
CO40-003	2085600.1	749540.32	Uranium-235	4.5	6.5	0.258	1.00	113.00	24.00	0.12	pCi/g
CO40-003	2085600.1	749540.32	Titanium	4.5	6.5	39.5	0.22	NA	NA	NA	mg/kg
CO40-003	2085600.1	749540.32	Uranium-235	6.5	8	0.127	1.00	113.00	24.00	0.12	pCi/g
CO40-003	2085600.1	749540.32	Uranium 238/234	6.5	8	1.93	8.00	506.00	103.00	1.49	pCi/g
CO40-003	2085600.1	749540.32	Titanium	6.5	8	33.6	0.09	NA	NA	NA	mg/kg
CN40-000	2085529.7	749496.98	Uranium-235	0.5	2.5	0.175	1.00	113.00	24.00	0.12	pCi/g

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CN40-000	2085529.7	749496.98	Titanium	0.5	2.5	92.1	0.20	NA	NA	NA	mg/kg
CN40-000	2085529.7	749496.98	Uranium-235	2.5	4.5	0.153	1.00	113.00	24.00	0.12	pCi/g
CN40-000	2085529.7	749496.98	Uranium-235	2.5	4.5	0.162	1.00	113.00	24.00	0.12	pCi/g
CN40-000	2085529.7	749496.98	Uranium 238/234	2.5	4.5	2.07	8.00	506.00	103.00	1.49	pCi/g
CN40-000	2085529.7	749496.98	Uranium 238/234	2.5	4.5	2.14	8.00	506.00	103.00	1.49	pCi/g
CN40-000	2085529.7	749496.98	Uranium-235	4.5	6.5	0.281	1.00	113.00	24.00	0.12	pCi/g
CN40-000	2085529.7	749496.98	Uranium 238/234	4.5	6.5	3.13	8.00	506.00	103.00	1.49	pCi/g
CN40-000	2085529.7	749496.98	Titanium	4.5	8.5	56	0.20	NA	NA	NA	mg/kg
CN40-000	2085529.7	749496.98	Boron	4.5	8.5	2	0.59	NA	NA	NA	mg/kg
CN40-000	2085529.7	749496.98	Calcium	4.5	8.5	91500	1.10	NA	NA	39382.27	mg/kg
CN40-000	2085529.7	749496.98	Uranium-235	6.5	8.5	0.242	1.00	113.00	24.00	0.12	pCi/g
CN40-000	2085529.7	749496.98	Uranium 238/234	6.5	8.5	2.17	8.00	506.00	103.00	1.49	pCi/g
CN40-000	2085529.7	749496.98	Titanium	6.5	8.5	36.6	0.20	NA	NA	NA	mg/kg
CN40-000	2085529.7	749496.98	Calcium	6.5	8.5	182000	1.10	NA	NA	39382.27	mg/kg
CN40-000	2085529.7	749496.98	Uranium 238/234	8.5	10.5	2.03	8.00	506.00	103.00	1.49	pCi/g
CN40-000	2085529.7	749496.98	Titanium	8.5	10.5	29.3	0.21	NA	NA	NA	mg/kg
CO40-000	2085561.5	749502.56	Uranium 238/234	0.5	2.5	2.07	8.00	506.00	103.00	1.49	pCi/g
CO40-000	2085561.5	749502.56	Titanium	0.5	2.5	40.5	0.21	NA	NA	NA	mg/kg
CO40-000	2085561.5	749502.56	Uranium-235	2.5	4.5	0.13	1.00	113.00	24.00	0.12	pCi/g
CO40-000	2085561.5	749502.56	Uranium 238/234	2.5	4.5	1.72	8.00	506.00	103.00	1.49	pCi/g
CO40-000	2085561.5	749502.56	Titanium	2.5	4.5	64.1	0.21	NA	NA	NA	mg/kg
CO40-000	2085561.5	749502.56	Calcium	2.5	4.5	91500	1.20	NA	NA	39382.27	mg/kg
CO40-000	2085561.5	749502.56	Lead	4.5	6.5	25.6	0.22	1000.00	1000.00	24.97	mg/kg
CO40-000	2085561.5	749502.56	Titanium	4.5	6.5	29.7	0.21	NA	NA	NA	mg/kg
CO40-000	2085561.5	749502.56	Arsenic	4.5	6.5	24.1	0.65	299.00	2.99	13.14	mg/kg
CO40-000	2085561.5	749502.56	Vanadium	4.5	6.5	128	0.27	13400.00	13400.00	88.49	mg/kg
CO40-000	2085561.5	749502.56	Uranium 238/234	6.5	8.5	2.22	8.00	506.00	103.00	1.49	pCi/g
CO40-000	2085561.5	749502.56	Titanium	6.5	8.5	33.5	0.21	NA	NA	NA	mg/kg
CO40-000	2085561.5	749502.56	Calcium	6.5	8.5	88900	1.20	NA	NA	39382.27	mg/kg
CO40-000	2085561.5	749502.56	Uranium 238/234	8.5	8.5	2.49	8.00	506.00	103.00	1.49	pCi/g
CO40-002	2085594.2	749517.27	Uranium-235	0.5	2.5	0.161	1.00	113.00	24.00	0.12	pCi/g

Table 5
IHSS 900-154 Subsurface Soil Greater than Background Mean Plus Two Standard Deviations or Reporting/Detection Limits

Location	Easting	Northing	Analyte	Depth Start (feet)	Depth End (feet)	Result	Reporting Limit	Tier I Action Level	Tier I Action Level	Background Mean+2SD	Unit
CO40-002	2085594.2	749517.27	Uranium 238/234	0.5	2.5	1.93	8.00	506.00	103.00	1.49	pCi/g
CO40-002	2085594.2	749517.27	Titanium	0.5	2.5	109	0.09	NA	NA	NA	mg/kg
CO40-002	2085594.2	749517.27	Calcium	0.5	2.5	191000	1.20	NA	NA	39382.27	mg/kg
CO40-002	2085594.2	749517.27	Uranium 238/234	2.5	4.5	3.23	8.00	506.00	103.00	1.49	pCi/g
CO40-002	2085594.2	749517.27	Titanium	2.5	4.5	99.6	0.09	NA	NA	NA	mg/kg
CO40-002	2085594.2	749517.27	Calcium	2.5	4.5	117000	1.20	NA	NA	39382.27	mg/kg
CO40-002	2085594.2	749517.27	Uranium 238/234	4.5	6.5	1.64	8.00	506.00	103.00	1.49	pCi/g
CO40-002	2085594.2	749517.27	Titanium	4.5	6.5	37.8	0.09	NA	NA	NA	mg/kg
CO40-002	2085594.2	749517.27	Uranium 238/234	6.5	8.5	2.57	8.00	506.00	103.00	1.49	pCi/g

SD = standard deviation
NA = not applicable

Table 6
IHSS 900-153 Surface Soil Summary of Analytical Results

Analyte	Background Mean+2SD	Tier I Action Level	Tier II Action Level	Unit	Total Number Samples Analyzed	Maximum Concentration	Average Concentration	Detection Frequency
1,2,4-Trichlorobenzene	NA	19200000	19200000	ug/kg	8	200.00	183.13	0.00
1,2-Dichlorobenzene	NA	173000000	173000000	ug/kg	8	200.00	183.13	0.00
1,2-Dichloroethane-D4	NA	NA	NA	ug/kg	4	54.72	53.48	100.00
1,4-Dichlorobenzene-D4	NA	NA	NA	ug/kg	4	54.58	52.06	100.00
2,2'-Oxybis(1-Chloropropane)	NA	NA	NA	ug/kg	8	200.00	183.13	0.00
2,4,5-Trichlorophenol	NA	192000000	192000000	ug/kg	8	200.00	183.13	0.00
2,4,6-Trichlorophenol	NA	159000000	407000	ug/kg	8	200.00	183.13	0.00
2,4-Dichlorophenol	NA	5760000	5760000	ug/kg	8	200.00	183.13	0.00
2,4-Dimethylphenol	NA	38400000	38400000	ug/kg	8	200.00	183.13	0.00
2,4-Dinitrophenol	NA	384000000	3840000	ug/kg	8	950.00	887.50	0.00
2,4-Dinitrotoluene	NA	659000	6590	ug/kg	8	200.00	183.13	0.00
2,6-Dinitrotoluene	NA	659000	6590	ug/kg	8	200.00	183.13	0.00
2-Chloronaphthalene	NA	154000000	154000000	ug/kg	8	200.00	183.13	0.00
2-Chlorophenol	NA	9610000	9610000	ug/kg	8	200.00	183.13	0.00
2-Methylnaphthalene	NA	76800000	76800000	ug/kg	8	200.00	183.13	0.00
2-Methylphenol	NA	96100000	96100000	ug/kg	8	200.00	183.13	0.00
2-Nitroaniline	NA	115000	115000	ug/kg	8	950.00	887.50	0.00
3,3'-Dichlorobenzidine	NA	996000	9960	ug/kg	8	800.00	731.25	0.00
3-Nitroaniline	NA	NA	NA	ug/kg	8	950.00	887.50	0.00
4,4'- Dichlorodiphenyldichloroethane	NA	1870000	18700	ug/kg	8	4.70	0.92	0.00
4,4'- Dichlorodiphenyldichloroethylene	NA	1320000	13200	ug/kg	8	4.70	1.08	25.00
4,4'- Dichlorodiphenyltrichloroethane	NA	1320000	13200	ug/kg	8	4.70	0.92	0.00
4,6-Dinitro-O-Cresol	NA	192000	192000	ug/kg	8	950.00	887.50	0.00
4-Bromofluorobenzene	NA	NA	NA	ug/kg	4	52.50	50.82	100.00
4-Bromophenyl Phenyl Ether	NA	NA	NA	ug/kg	8	200.00	183.13	0.00
4-Chloro-3-Methylphenol	NA	NA	NA	ug/kg	8	200.00	183.13	0.00
4-Chloroaniline	NA	7680000	7680000	ug/kg	8	200.00	183.13	0.00
4-Chlorophenyl-Phenyl Ether	NA	NA	NA	ug/kg	8	200.00	183.13	0.00
4-Methylphenol	NA	9610000	9610000	ug/kg	8	200.00	183.13	0.00

Table 6
IHSS 900-153 Surface Soil Summary of Analytical Results

Analyte	Background Mean+2SD	Tier I Action Level	Tier II Action Level	Unit	Total Number Samples Analyzed	Maximum Concentration	Average Concentration	Detection Frequency
Acenaphthene	NA	115000000	115000000	ug/kg	8	200.00	183.13	0.00
Acenaphthylene	NA	NA	NA	ug/kg	8	200.00	183.13	0.00
Aldrin	NA	26400	264	ug/kg	8	4.70	0.88	12.50
Alpha-Bhc	NA	71100	711	ug/kg	8	4.70	0.92	0.00
Americium-241	0.02	215	38	pCi/g	1	0.19	0.19	100.00
Anthracene	NA	576000000	576000000	ug/kg	8	200.00	183.13	0.00
Aroclor-1016	NA	224000	2240	ug/kg	8	185.00	17.93	0.00
Aroclor-1221	NA	224000	2240	ug/kg	8	185.00	17.93	0.00
Aroclor-1232	NA	224000	2240	ug/kg	8	185.00	17.93	0.00
Aroclor-1242	NA	224000	2240	ug/kg	8	185.00	17.93	0.00
Aroclor-1248	NA	224000	2240	ug/kg	8	185.00	17.93	0.00
Aroclor-1254	NA	224000	2240	ug/kg	8	2500.00	122.17	100.00
Aroclor-1260	NA	224000	2240	ug/kg	8	185.00	47.29	37.50
Arsenic	10.09	299	3	mg/kg	1	11.00	11.00	100.00
Benyzl Alcohol	NA	576000000	576000000	ug/kg	8	200.00	183.13	0.00
Benzo(A)Anthracene	NA	614000	6140	ug/kg	8	200.00	183.13	0.00
Benzo(A)Pyrene	NA	61400	614	ug/kg	8	200.00	183.13	0.00
Benzo(B)Fluoranthene	NA	614000	6140	ug/kg	8	200.00	183.13	0.00
Benzo(K)Fluoranthene	NA	6140000	61400	ug/kg	8	200.00	183.13	0.00
Benzo[Ghi]Perylene	NA	NA	NA	ug/kg	8	200.00	183.13	0.00
Benzoic Acid	NA	1000000000	1000000000	ug/kg	8	950.00	887.50	0.00
Beta-Bhc	NA	249000	2490	ug/kg	8	4.70	0.92	0.00
Bis(2-Chloroethoxy) Methane	NA	NA	NA	ug/kg	8	200.00	183.13	0.00
Bis(2-Chloroethyl) Ether	NA	407000	4070	ug/kg	8	200.00	183.13	0.00
Bis(2-Ethylhexyl)Phthalate	NA	32000000	320000	ug/kg	8	200.00	183.13	0.00
Boron	NA	NA	NA	mg/kg	7	3.70	1.59	100.00
Butylbenzylphthalate	NA	384000000	384000000	ug/kg	8	200.00	183.13	0.00
Calcium	4467.00	NA	NA	mg/kg	7	30800.00	19168.57	100.00
Chlordane (Technical)	NA	NA	NA	ug/kg	8	47.00	9.21	0.00
Chlorobenzene-D5	NA	NA	NA	ug/kg	4	54.58	52.06	100.00

Table 6
IHSS 900-153 Surface Soil Summary of Analytical Results

Analyte	Background Mean+2SD	Tier I Action Level	Tier II Action Level	Unit	Total Number Samples Analyzed	Maximum Concentration	Average Concentration	Detection Frequency
Chrysene	NA	61400000	614000	ug/kg	8	200.00	183.13	0.00
Delta-Bhc	NA	NA	NA	ug/kg	8	4.70	0.92	0.00
Dibenz(A,H)Anthracene	NA	61400	614	ug/kg	8	200.00	183.13	0.00
Dibenzofuran	NA	7680000	7680000	ug/kg	8	200.00	183.13	0.00
Dieldrin	NA	28000	280	ug/kg	8	11.00	2.62	37.50
Diethyl Phthalate	NA	1000000000	1000000000	ug/kg	8	400.00	366.88	0.00
Dimethyl Phthalate	NA	1000000000	1000000000	ug/kg	8	200.00	183.13	0.00
Di-N-Butyl Phthalate	NA	NA	NA	ug/kg	8	200.00	183.13	0.00
Di-N-Octyl Phthalate	NA	1000000000	38400000	ug/kg	8	200.00	178.75	12.50
Endosulfan II	NA	1000000000	11500000	ug/kg	8	4.70	1.35	12.50
Endosulfan I	NA	1000000000	11500000	ug/kg	8	4.70	0.89	12.50
Endosulfan Sulfate	NA	1000000000	11500000	ug/kg	8	4.70	0.92	0.00
Endrin Aldehyde	NA	NA	NA	ug/kg	8	4.70	1.41	0.00
Endrin	NA	NA	NA	ug/kg	8	4.70	0.92	25.00
Ethylbenzene	NA	192000000	192000000	ug/kg	1	15.65	15.65	100.00
Fluoranthene	NA	76800000	76800000	ug/kg	8	200.00	183.13	0.00
Fluorene	NA	76800000	76800000	ug/kg	8	200.00	183.13	0.00
Fluorobenzene	NA	NA	NA	ug/kg	4	54.58	52.06	100.00
Gamma-Bhc (Lindane)	NA	345000	3450	ug/kg	8	4.70	0.92	0.00
Heptachlor Epoxide	NA	49300	493	ug/kg	8	18.50	0.92	0.00
Heptachlor	NA	99600	996	ug/kg	8	4.70	3.63	0.00
Hexachlorobenzene	NA	280000	2800	ug/kg	8	200.00	183.13	0.00
Hexachlorobutadiene	NA	5750000	57500	ug/kg	8	200.00	183.13	0.00
Hexachlorocyclopentadiene	NA	13300000	13300000	ug/kg	8	400.00	366.88	0.00
Hexachloroethane	NA	125000000	320000	ug/kg	8	200.00	183.13	0.00
Indeno(1,2,3-Cd)Pyrene	NA	614000	6140	ug/kg	8	200.00	183.13	0.00
Isophorone	NA	1000000000	4720000	ug/kg	8	200.00	183.13	0.00
Magnesium	2849.30	NA	NA	mg/kg	1	3040.00	3040.00	100.00
Manganese	365.08	83600	83600	mg/kg	1	457.00	457.00	100.00
M-Dichlorobenzene	NA	NA	NA	ug/kg	8	200.00	183.13	0.00

Table 6
IHSS 900-153 Surface Soil Summary of Analytical Results

Analyte	Background Mean+2SD	Tier I Action Level	Tier II Action Level	Unit	Total Number Samples Analyzed	Maximum Concentration	Average Concentration	Detection Frequency
Methoxychlor	NA	9610000	9610000	ug/kg	8	9.00	1.58	12.50
Molybdenum	NA	9610	9610	mg/kg	4	0.60	0.40	100.00
Naphthalene	NA	76800000	76800000	ug/kg	8	200.00	183.13	0.00
Nickel	14.91	38400	38400	mg/kg	1	16.20	16.20	100.00
Nitrobenzene	NA	961000	961000	ug/kg	8	200.00	183.13	0.00
N-Nitroso-Di-N-Propylamine	NA	64000	640	ug/kg	8	200.00	183.13	0.00
N-Nitrosodiphenylamine	NA	365000000	915000	ug/kg	8	200.00	183.13	0.00
O-Nitrophenol	NA	NA	NA	ug/kg	8	200.00	183.13	0.00
P-Dichlorobenzene	NA	18700000	187000	ug/kg	8	200.00	183.13	0.00
Pentachlorophenol	NA	14900000	37400	ug/kg	8	950.00	887.50	0.00
Phenanthrene	NA	NA	NA	ug/kg	8	200.00	183.13	0.00
Phenol	NA	1000000000	1000000000	ug/kg	8	200.00	183.13	0.00
P-Nitroaniline	NA	NA	NA	ug/kg	8	950.00	887.50	0.00
P-Nitrophenol	NA	15400000	15400000	ug/kg	8	950.00	887.50	0.00
Pyrene	NA	57600000	57600000	ug/kg	8	200.00	167.00	12.50
Silver	NA	9610	9610	mg/kg	2	0.16	0.11	100.00
Sodium	91.84	NA	NA	mg/kg	8	142.00	69.31	12.50
Strontium	48.94	1000000	1000000	mg/kg	3	51.00	50.47	100.00
Thallium	NA	NA	NA	mg/kg	4	1.60	1.29	100.00
Tin	NA	1000000	1000000	mg/kg	8	2.60	2.10	100.00
Titanium	NA	NA	NA	mg/kg	8	136.00	98.39	100.00
Toluene-D8	NA	NA	NA	ug/kg	4	53.47	51.01	100.00
Toxaphene	NA	407000	4070	ug/kg	8	470.00	92.14	0.00
Uranium-235	0.09	135	24	pCi/g	5	0.27	0.21	100.00
Uranium 238/234	2.00	586	103	pCi/g	7	5.79	3.36	100.00
Uranium	NA	NA	NA	mg/kg	1	3.30	3.30	100.00
Xylenes, Total	NA	1000000000	1000000000	ug/kg	2	122.40	67.20	100.00
Zinc	73.76	576000	576000	mg/kg	3	266.00	184.67	100.00

SD = standard deviation NA = not applicable

Table 7
IHSS 900-153 Subsurface Soil Summary of Analytical Results

Analyte	Background Mean +2SD	Tier I Action Level	Tier II Action Level	Unit	Total Number Samples Analyzed	Maximum Concentration	Average Concentration	Detection Frequency
1,1,1,2-Tetrachloroethane	NA	NA	NA	ug/kg	42	1300.00	17.37	0.00
1,1,1-Trichloroethane	NA	94800000	948000	ug/kg	44	686400.00	21801.52	18.18
1,1,2,2-Tetrachloroethane	NA	168000	1680	ug/kg	42	1300.00	17.37	0.00
1,1,2-Trichloro-1,2,2-Trifluor	NA	NA	NA	ug/kg	42	1300.00	17.37	0.00
1,1,2-Trichloroethane	NA	1230000	12300	ug/kg	42	1300.00	17.37	0.00
1,1-Dichloroethane	NA	689000000	6890000	ug/kg	42	1300.00	17.37	0.00
1,1-Dichloroethene	NA	2190000	21900	ug/kg	43	1300.00	18.48	2.33
1,1-Dichloropropene	NA	NA	NA	ug/kg	42	1300.00	17.37	0.00
1,2,3-Trichlorobenzene	NA	NA	NA	ug/kg	42	1300.00	21.96	14.29
1,2,3-Trichloropropane	NA	NA	NA	ug/kg	42	1300.00	17.37	0.00
1,2,4-Trichlorobenzene	NA	433000000	4330000	ug/kg	74	9500.00	143.77	16.22
1,2,4-Trimethylbenzene	NA	NA	NA	ug/kg	42	1300.00	14.08	4.76
1,2-Dibromo-3-Chloropropane	NA	NA	NA	ug/kg	47	51500.00	4113.46	0.00
1,2-Dibromoethane	NA	NA	NA	ug/kg	42	1300.00	17.37	0.00
1,2-Dichlorobenzene	NA	1320000000	13200000	ug/kg	74	1300.00	93.34	0.00
1,2-Dichloroethane-D4	NA	NA	NA	ug/kg	61	985000.00	14.29	100.00
1,2-Dichloroethane	NA	668000	6680	ug/kg	42	1300.00	63499.25	16.67
1,2-Dichloropropane	NA	1130000	11300	ug/kg	42	1300.00	17.37	0.00
1,3,5-Trimethylbenzene	NA	NA	NA	ug/kg	42	1300.00	17.37	0.00
1,3-Dichloropropane	NA	NA	NA	ug/kg	42	1300.00	17.37	0.00
1,4-Dichlorobenzene-D4	NA	NA	NA	ug/kg	61	1000000.00	66934.37	100.00
2,2-Dichloropropane	NA	NA	NA	ug/kg	42	1300.00	17.37	0.00
2,2'-Oxybis(1-Chloropropane)	NA	NA	NA	ug/kg	32	205.00	185.94	0.00
2,4,5-Trichlorophenol	NA	279000000	2790000	ug/kg	32	205.00	185.94	0.00
2,4,6-Trichlorophenol	NA	10700000	107000	ug/kg	32	205.00	185.94	0.00
2,4-Dichlorophenol	NA	63500000	635000	ug/kg	32	205.00	185.94	0.00
2,4-Dimethylphenol	NA	577000000	5770000	ug/kg	32	205.00	185.94	0.00
2,4-Dinitrophenol	NA	5290000	52900	ug/kg	32	1000.00	898.44	0.00
2,4-Dinitrotoluene	NA	50100	501	ug/kg	32	205.00	185.94	0.00
2,6-Dinitrotoluene	NA	38800	388	ug/kg	32	205.00	185.94	0.00
2-Butanone	NA	NA	NA	ug/kg	42	5500.00	68.96	0.00

Table 7
IHSS 900-153 Subsurface Soil Summary of Analytical Results

Analyte	Background Mean +2SD	Tier I Action Level	Tier II Action Level	Unit	Total Number Samples Analyzed	Maximum Concentration	Average Concentration	Detection Frequency
2-Chloronaphthalene	NA	NA	NA	ug/kg	32	205.00	185.94	0.00
2-Chlorophenol	NA	257000000	2570000	ug/kg	32	205.00	185.94	0.00
2-Chlorotoluene	NA	NA	NA	ug/kg	42	1300.00	17.37	0.00
2-Hexanone	NA	NA	NA	ug/kg	42	5500.00	68.96	0.00
2-Methylnaphthalene	NA	NA	NA	ug/kg	32	205.00	185.16	3.13
2-Methylphenol	NA	706000000	7060000	ug/kg	32	205.00	185.94	0.00
2-Nitroaniline	NA	NA	NA	ug/kg	32	1000.00	898.44	0.00
3,3'-Dichlorobenzidine	NA	484000	4840	ug/kg	32	800.00	732.81	0.00
3-Nitroaniline	NA	NA	NA	ug/kg	32	1000.00	898.44	0.00
4,4'-Dichlorodiphenyldichloroethane	NA	1220000000	12200000	ug/kg	37	90.00	0.96	0.00
4,4'-Dichlorodiphenyldichloroethylene	NA	3840000000	38400000	ug/kg	37	90.00	1.01	5.41
4,4'-Dichlorodiphenyltrichloroethane	NA	2260000000	22600000	ug/kg	37	90.00	0.95	2.70
4,6-Dinitro-O-Cresol	NA	NA	NA	ug/kg	32	1000.00	898.44	0.00
4-Bromofluorobenzene	NA	NA	NA	ug/kg	61	914400.00	60445.97	100.00
4-Bromophenyl Phenyl Ether	NA	NA	NA	ug/kg	32	205.00	183.59	3.13
4-Chloro-3-Methylphenol	NA	NA	NA	ug/kg	32	205.00	185.94	0.00
4-Chloroaniline	NA	43700000	437000	ug/kg	32	205.00	185.94	0.00
4-Chlorophenyl-Phenyl Ether	NA	NA	NA	ug/kg	32	205.00	185.94	0.00
4-Chlorotoluene	NA	NA	NA	ug/kg	42	1300.00	17.37	0.00
4-Isopropyltoluene	NA	NA	NA	ug/kg	41	1300.00	17.37	0.00
4-Methyl-2-Pentanone	NA	NA	NA	ug/kg	42	5500.00	75.37	2.38
4-Methylphenol	NA	NA	NA	ug/kg	32	205.00	185.94	0.00
Acenaphthene	NA	53400000000	534000000	ug/kg	32	205.00	185.94	0.00
Acenaphthylene	NA	NA	NA	ug/kg	32	205.00	185.94	0.00
Acetone	NA	27200000000	272000000	ug/kg	41	17000.00	508.65	43.90
Aldrin	NA	42200000	422000	ug/kg	37	90.00	0.96	0.00
Alpha-Bhc	NA	58000	580	ug/kg	37	90.00	0.96	0.00
Americium-241	0.02	209	38	pCi/g	1	0.22	0.22	100.00
Anthracene	NA	1000000000000	11200000	ug/kg	32	205.00	185.94	0.00
Aroclor-1016	NA	531000000	5310000	ug/kg	78	17000.00	19.24	2.56
Aroclor-1221	NA	531000000	5310000	ug/kg	78	1950.00	19.20	0.00

Table 7
IHSS 900-153 Subsurface Soil Summary of Analytical Results

Analyte	Background Mean +2SD	Tier I Action Level	Tier II Action Level	Unit	Total Number Samples Analyzed	Maximum Concentration	Average Concentration	Detection Frequency
Aroclor-1232	NA	531000000	5310000	ug/kg	78	1950.00	19.20	0.00
Aroclor-1242	NA	531000000	5310000	ug/kg	78	1950.00	19.20	0.00
Aroclor-1248	NA	531000000	5310000	ug/kg	78	1950.00	19.20	0.00
Aroclor-1254	NA	531000000	5310000	ug/kg	78	170000.00	45.46	57.69
Aroclor-1260	NA	531000000	5310000	ug/kg	78	62000.00	26.23	33.33
Arsenic	13.14	299	3	mg/kg	1	14.90	14.90	100.00
Benyzl Alcohol	NA	NA	NA	ug/kg	32	205.00	185.94	0.00
Benzene	NA	1410000	14100	ug/kg	42	1300.00	17.37	0.00
Benzo(A)Anthracene	NA	160000000	1600000	ug/kg	32	205.00	185.94	0.00
Benzo(A)Pyrene	NA	701000000	7010000	ug/kg	32	205.00	185.94	0.00
Benzo(B)Fluoranthene	NA	495000000	4950000	ug/kg	32	205.00	185.94	0.00
Benzo(K)Fluoranthene	NA	4950000000	49500000	ug/kg	32	205.00	185.94	0.00
Benzo[Ghi]Perylene	NA	NA	NA	ug/kg	32	205.00	185.94	0.00
Benzoic Acid	NA	10900000000	109000000	ug/kg	32	1000.00	898.44	0.00
Beta-Bhc	NA	208000	2080	ug/kg	37	90.00	0.96	0.00
Bis(2-Chloroethoxy) Methane	NA	NA	NA	ug/kg	32	205.00	185.94	0.00
Bis(2-Chloroethyl) Ether	NA	9730	97	ug/kg	32	205.00	185.94	0.00
Bis(2-Ethylhexyl)Phthalate	NA	311000000000	3110000000	ug/kg	32	390.00	188.34	9.38
Boron	NA	NA	NA	mg/kg	23	2.00	1.03	100.00
Bromobenzene	NA	NA	NA	ug/kg	42	1300.00	17.37	0.00
Bromochloromethane	NA	NA	NA	ug/kg	42	1300.00	17.37	0.00
Bromodichloromethane	NA	26400000	264000	ug/kg	42	1300.00	17.37	0.00
Bromoform	NA	37200000	372000	ug/kg	42	1300.00	17.37	0.00
Bromomethane	NA	5980000	59800	ug/kg	42	1300.00	17.37	0.00
Butylbenzylphthalate	NA	1000000000000	14400000000	ug/kg	32	205.00	185.94	0.00
Carbon Disulfide	NA	988000000	9880000	ug/kg	42	1300.00	14.21	2.38
Carbon Tetrachloride	NA	3560000	35600	ug/kg	45	55800.00	1345.13	6.67
Chlordane (Technical)	NA	NA	NA	ug/kg	36	900.00	9.57	0.00
Chlorobenzene-D5	NA	NA	NA	ug/kg	61	1000000.00	17.37	100.00
Chlorobenzene	NA	83000000	830000	ug/kg	42	1300.00	66934.37	0.00
Chloroethane	NA	NA	NA	ug/kg	42	1300.00	17.37	0.00

Table 7
IHSS 900-153 Subsurface Soil Summary of Analytical Results

Analyte	Background Mean +2SD	Tier I Action Level	Tier II Action Level	Unit	Total Number Samples Analyzed	Maximum Concentration	Average Concentration	Detection Frequency
Chloroform	NA	21400000	214000	ug/kg	43	1300.00	21.91	13.95
Chloromethane	NA	NA	NA	ug/kg	42	1300.00	17.37	0.00
Chrysene	NA	16000000000	160000000	ug/kg	32	205.00	185.94	0.00
Cis-1,2-Dichloroethene	NA	NA	NA	ug/kg	42	650.00	8.69	0.00
Cis-1,3-Dichloropropene	NA	120000	1200	ug/kg	42	1300.00	17.37	0.00
Delta-Bhc	NA	NA	NA	ug/kg	37	90.00	0.96	0.00
Dibenz(A,H)Anthracene	NA	153000000	1530000	ug/kg	32	205.00	185.94	0.00
Dibenzofuran	NA	NA	NA	ug/kg	32	205.00	185.94	0.00
Dibromochloromethane	NA	NA	NA	ug/kg	42	1300.00	17.37	0.00
Dibromomethane	NA	NA	NA	ug/kg	42	1300.00	17.37	0.00
Dichlorodifluoromethane	NA	NA	NA	ug/kg	47	74000.00	5901.10	0.00
Dieldrin	NA	392000	3920	ug/kg	37	90.00	1.05	5.41
Diethyl Phthalate	NA	31000000000	310000000	ug/kg	32	405.00	372.34	0.00
Dimethyl Phthalate	NA	NA	NA	ug/kg	32	205.00	185.94	0.00
Di-N-Butyl Phthalate	NA	426000000000	4260000000	ug/kg	32	205.00	185.94	0.00
Di-N-Octyl Phthalate	NA	NA	NA	ug/kg	32	205.00	185.94	0.00
Endosulfan II	NA	1630000000	16300000	ug/kg	37	90.00	0.96	2.70
Endosulfan I	NA	1630000000	16300000	ug/kg	37	90.00	0.96	0.00
Endosulfan Sulfate	NA	NA	NA	ug/kg	37	90.00	0.96	0.00
Endrin Aldehyde	NA	NA	NA	ug/kg	37	90.00	1.14	0.00
Endrin	NA	84700000	847000	ug/kg	37	90.00	0.96	5.41
Ethylbenzene	NA	932000000	9320000	ug/kg	42	1300.00	17.37	0.00
Fluoranthene	NA	537000000000	5370000000	ug/kg	32	205.00	185.94	0.00
Fluorene	NA	69400000000	694000000	ug/kg	32	205.00	185.94	0.00
Fluorobenzene	NA	NA	NA	ug/kg	61	1000000.00	66934.37	100.00
Gamma-Bhc (Lindane)	NA	750000	7500	ug/kg	37	90.00	0.96	0.00
Heptachlor Epoxide	NA	57200000	572000	ug/kg	37	360.00	0.96	0.00
Heptachlor	NA	1940000000	19400000	ug/kg	37	90.00	3.78	0.00
Hexachlorobenzene	NA	189000000	1890000	ug/kg	32	205.00	185.94	0.00
Hexachlorobutadiene	NA	201000000	2010000	ug/kg	74	1300.00	93.34	0.00
Hexachlorocyclopentadiene	NA	34400000000	344000000	ug/kg	32	405.00	372.34	0.00

Table 7
IHSS 900-153 Subsurface Soil Summary of Analytical Results

Analyte	Background Mean +2SD	Tier I Action Level	Tier II Action Level	Unit	Total Number Samples Analyzed	Maximum Concentration	Average Concentration	Detection Frequency
Hexachloroethane	NA	37700000	377000	ug/kg	32	205.00	185.94	0.00
Indeno(1,2,3-Cd)Pyrene	NA	1400000000	14000000	ug/kg	32	205.00	185.94	0.00
Isophorone	NA	20900000	209000	ug/kg	32	205.00	185.94	0.00
Isopropylbenzene	NA	NA	NA	ug/kg	42	1300.00	17.37	0.00
M-Dichlorobenzene	NA	NA	NA	ug/kg	74	1300.00	93.34	0.00
Methoxychlor	NA	13400000000	134000000	ug/kg	37	175.00	1.86	0.00
Methylene Chloride	NA	578000	5780	ug/kg	42	1300.00	17.02	47.62
Naphthalene	NA	10100000000	101000000	ug/kg	74	1300.00	93.47	6.76
N-Butylbenzene	NA	NA	NA	ug/kg	42	1300.00	17.37	0.00
Nitrobenzene	NA	5390000	53900	ug/kg	32	205.00	185.94	0.00
N-Nitroso-Di-N-Propylamine	NA	1890	19	ug/kg	32	450.00	194.22	3.13
N-Nitrosodiphenylamine	NA	78400000	784000	ug/kg	32	205.00	185.94	0.00
N-Propylbenzene	NA	NA	NA	ug/kg	42	1300.00	17.37	0.00
O-Nitrophenol	NA	NA	NA	ug/kg	32	205.00	185.94	0.00
P-Dichlorobenzene	NA	165000000	1650000	ug/kg	74	1300.00	93.34	0.00
Pentachlorophenol	NA	2110000	21100	ug/kg	32	1000.00	898.44	0.00
Phenanthrene	NA	NA	NA	ug/kg	32	205.00	181.78	3.13
Phenol	NA	3750000000	37500000	ug/kg	32	205.00	185.94	0.00
P-Nitroaniline	NA	NA	NA	ug/kg	32	1000.00	898.44	0.00
P-Nitrophenol	NA	NA	NA	ug/kg	32	1000.00	898.44	0.00
Pyrene	NA	397000000000	3970000000	ug/kg	32	205.00	185.94	0.00
Sec-Butylbenzene	NA	NA	NA	ug/kg	42	1300.00	17.37	0.00
Styrene	NA	274000000	2740000	ug/kg	42	1300.00	17.37	0.00
Tert-Butylbenzene	NA	NA	NA	ug/kg	42	1300.00	17.37	0.00
Tetrachloroethene	NA	3150000	31500	ug/kg	65	27122300.00	700966.02	55.38
Thallium	1.84	NA	NA	mg/kg	2	3.10	2.55	100.00
Titanium	NA	NA	NA	mg/kg	31	310.00	144.56	100.00
Toluene-D8	NA	NA	NA	ug/kg	61	1005000.00	17.37	100.00
Toluene	NA	707000000	7070000	ug/kg	42	1300.00	65940.08	2.38
Toxaphene	NA	2650000000	26500000	ug/kg	37	9000.00	95.67	0.00
Trans-1,2-Dichloroethene	NA	NA	NA	ug/kg	42	650.00	8.69	0.00

Table 7
IHSS 900-153 Subsurface Soil Summary of Analytical Results

Analyte	Background Mean +2SD	Tier I Action Level	Tier II Action Level	Unit	Total Number Samples Analyzed	Maximum Concentration	Average Concentration	Detection Frequency
Trans-1,3-Dichloropropene	NA	120000	1200	ug/kg	42	1300.00	17.37	0.00
Trichloroethene	NA	3280000	32800	ug/kg	54	3662200.00	104468.87	44.44
Trichlorofluoromethane	NA	NA	NA	ug/kg	42	1300.00	17.37	0.00
Uranium-235	0.12	113	24	pCi/g	24	0.25	0.18	100.00
Uranium 238/234	1.49	506	103	pCi/g	25	5.16	2.76	100.00
Uranium	NA	NA	NA	mg/kg	2	2.60	2.10	100.00
Vanadium	88.49	13400	13400	mg/kg	1	92.40	92.40	100.00
Vinyl Chloride	NA	346000	3460	ug/kg	42	1300.00	17.37	0.00
Xylenes (Total)	NA	9740000000	97400000	ug/kg	42	1300.00	17.37	0.00
Xylenes, Total	NA	9740000000	97400000	ug/kg	1	33.17	33.17	100.00

SD = standard deviation
NA = not applicable

Table 8
IHSS 900-154 Surface Soil Summary of Analytical Results

Analyte	Background Mean +2SD	Tier I Action Level	Tier II Action Level	Unit	Total Number Samples Analyzed	Maximum Concentration	Average Concentration	Detection Frequency
1,2,4-Trichlorobenzene	NA	19200000	19200000	ug/kg	6	195.00	185.00	0.00
1,2-Dichlorobenzene	NA	173000000	173000000	ug/kg	6	195.00	185.00	0.00
2,2'-Oxybis(1-Chloropropane)	NA	NA	NA	ug/kg	6	195.00	185.00	0.00
2,4,5-Trichlorophenol	NA	192000000	192000000	ug/kg	6	195.00	185.00	0.00
2,4,6-Trichlorophenol	NA	159000000	407000	ug/kg	6	195.00	185.00	0.00
2,4-Dichlorophenol	NA	5760000	5760000	ug/kg	6	195.00	185.00	0.00
2,4-Dimethylphenol	NA	38400000	38400000	ug/kg	6	195.00	185.00	0.00
2,4-Dinitrophenol	NA	384000000	3840000	ug/kg	6	950.00	900.00	0.00
2,4-Dinitrotoluene	NA	659000	6590	ug/kg	6	195.00	185.00	0.00
2,6-Dinitrotoluene	NA	659000	6590	ug/kg	6	195.00	185.00	0.00
2-Chloronaphthalene	NA	154000000	154000000	ug/kg	6	195.00	185.00	0.00
2-Chlorophenol	NA	9610000	9610000	ug/kg	6	195.00	185.00	0.00
2-Methylnaphthalene	NA	76800000	76800000	ug/kg	6	195.00	185.00	0.00
2-Methylphenol	NA	96100000	96100000	ug/kg	6	195.00	185.00	0.00
2-Nitroaniline	NA	115000	115000	ug/kg	6	950.00	900.00	0.00
3,3'-Dichlorobenzidine	NA	996000	9960	ug/kg	6	750.00	725.00	0.00
3-Nitroaniline	NA	NA	NA	ug/kg	6	950.00	900.00	0.00
4,4'-Dichlorodiphenyldichloroethane	NA	1870000	18700	ug/kg	5	1.05	0.97	0.00
4,4'-Dichlorodiphenyldichloroethylene	NA	1320000	13200	ug/kg	5	1.05	0.90	20.00
4,4'-Dichlorodiphenyltrichloroethane	NA	1320000	13200	ug/kg	5	1.05	0.97	0.00
4,6-Dinitro-O-Cresol	NA	192000	192000	ug/kg	6	950.00	900.00	0.00
4-Bromophenyl Phenyl Ether	NA	NA	NA	ug/kg	6	195.00	185.00	0.00
4-Chloro-3-Methylphenol	NA	NA	NA	ug/kg	6	195.00	185.00	0.00
4-Chloroaniline	NA	7680000	7680000	ug/kg	6	195.00	185.00	0.00
4-Chlorophenyl-Phenyl Ether	NA	NA	NA	ug/kg	6	195.00	185.00	0.00
4-Methylphenol	NA	9610000	9610000	ug/kg	6	195.00	185.00	0.00
Acenaphthene	NA	115000000	115000000	ug/kg	6	195.00	185.00	0.00
Acenaphthylene	NA	NA	NA	ug/kg	6	195.00	185.00	0.00
Aldrin	NA	26400	264	ug/kg	5	1.05	0.97	0.00
Alpha-Bhc	NA	71100	711	ug/kg	5	1.05	0.97	0.00

Table 8
IHSS 900-154 Surface Soil Summary of Analytical Results

Analyte	Background Mean +2SD	Tier I Action Level	Tier II Action Level	Unit	Total Number Samples Analyzed	Maximum Concentration	Average Concentration	Detection Frequency
Aluminum	16902.00	1000000	1000000	mg/kg	2	21700.00	19900.00	100.00
Anthracene	NA	576000000	576000000	ug/kg	6	195.00	185.00	0.00
Aroclor-1016	NA	224000	2240	ug/kg	5	20.00	18.70	0.00
Aroclor-1221	NA	224000	2240	ug/kg	5	20.00	18.70	0.00
Aroclor-1232	NA	224000	2240	ug/kg	5	20.00	18.70	0.00
Aroclor-1242	NA	224000	2240	ug/kg	5	20.00	18.70	0.00
Aroclor-1248	NA	224000	2240	ug/kg	5	20.00	18.70	0.00
Aroclor-1254	NA	224000	2240	ug/kg	5	20.00	18.70	0.00
Aroclor-1260	NA	224000	2240	ug/kg	5	63.00	23.20	80.00
Barium	141.26	133000	133000	mg/kg	1	154.00	154.00	100.00
Benyzl Alcohol	NA	576000000	576000000	ug/kg	6	195.00	185.00	0.00
Benzo(A)Anthracene	NA	614000	6140	ug/kg	6	195.00	185.00	0.00
Benzo(A)Pyrene	NA	61400	614	ug/kg	6	195.00	185.00	0.00
Benzo(B)Fluoranthene	NA	614000	6140	ug/kg	6	195.00	185.00	0.00
Benzo(K)Fluoranthene	NA	6140000	61400	ug/kg	6	195.00	185.00	0.00
Benzo[Ghi]Perylene	NA	NA	NA	ug/kg	6	195.00	185.00	0.00
Benzoic Acid	NA	1000000000	1000000000	ug/kg	6	950.00	900.00	0.00
Beryllium	0.97	104	1	mg/kg	1	1.20	1.20	100.00
Beta-Bhc	NA	249000	2490	ug/kg	5	1.05	0.97	0.00
Bis(2-Chloroethoxy) Methane	NA	NA	NA	ug/kg	6	195.00	185.00	0.00
Bis(2-Chloroethyl) Ether	NA	407000	4070	ug/kg	6	195.00	185.00	0.00
Bis(2-Ethylhexyl)Phthalate	NA	32000000	320000	ug/kg	6	195.00	185.00	0.00
Boron	NA	NA	NA	mg/kg	5	17.60	4.80	100.00
Butylbenzylphthalate	NA	384000000	384000000	ug/kg	6	195.00	185.00	0.00
Calcium	4467.00	NA	NA	mg/kg	6	107000.00	47800.00	100.00
Chlordane (Technical)	NA	NA	NA	ug/kg	5	10.50	9.70	0.00
Chromium	16.99	44300	4410	mg/kg	1	20.70	20.70	100.00
Chrysene	NA	61400000	614000	ug/kg	6	195.00	185.00	0.00
Delta-Bhc	NA	NA	NA	ug/kg	5	1.05	0.97	0.00
Dibenz(A,H)Anthracene	NA	61400	614	ug/kg	6	195.00	185.00	0.00
Dibenzofuran	NA	7680000	7680000	ug/kg	6	195.00	185.00	0.00

Table 8
IHSS 900-154 Surface Soil Summary of Analytical Results

Analyte	Background Mean +2SD	Tier I Action Level	Tier II Action Level	Unit	Total Number Samples Analyzed	Maximum Concentration	Average Concentration	Detection Frequency
Dieldrin	NA	28000	280	ug/kg	5	1.05	0.97	0.00
Diethyl Phthalate	NA	1000000000	1000000000	ug/kg	6	385.00	367.50	0.00
Dimethyl Phthalate	NA	1000000000	1000000000	ug/kg	6	195.00	185.00	0.00
Di-N-Butyl Phthalate	NA	NA	NA	ug/kg	6	195.00	185.00	0.00
Di-N-Octyl Phthalate	NA	1000000000	38400000	ug/kg	6	195.00	185.00	0.00
Endosulfan II	NA	1000000000	11500000	ug/kg	5	1.05	0.97	0.00
Endosulfan I	NA	1000000000	11500000	ug/kg	5	1.05	0.97	0.00
Endosulfan Sulfate	NA	1000000000	11500000	ug/kg	5	1.05	0.97	0.00
Endrin Aldehyde	NA	NA	NA	ug/kg	5	1.05	0.97	0.00
Endrin	NA	NA	NA	ug/kg	5	1.05	0.97	0.00
Fluoranthene	NA	76800000	76800000	ug/kg	6	195.00	185.00	0.00
Fluorene	NA	76800000	76800000	ug/kg	6	195.00	185.00	0.00
Gamma-Bhc (Lindane)	NA	345000	3450	ug/kg	5	1.05	0.97	0.00
Heptachlor Epoxide	NA	49300	493	ug/kg	5	4.10	0.97	0.00
Heptachlor	NA	99600	996	ug/kg	5	1.05	3.83	0.00
Hexachlorobenzene	NA	280000	2800	ug/kg	6	195.00	185.00	0.00
Hexachlorobutadiene	NA	5750000	57500	ug/kg	6	195.00	185.00	0.00
Hexachlorocyclopentadiene	NA	13300000	13300000	ug/kg	6	385.00	367.50	0.00
Hexachloroethane	NA	125000000	320000	ug/kg	6	195.00	185.00	0.00
Indeno(1,2,3-Cd)Pyrene	NA	614000	6140	ug/kg	6	195.00	185.00	0.00
Isophorone	NA	1000000000	4720000	ug/kg	6	195.00	185.00	0.00
Lithium	11.55	38400	38400	mg/kg	2	13.20	12.90	100.00
Magnesium	2849.30	NA	NA	mg/kg	5	5250.00	3676.00	100.00
M-Dichlorobenzene	NA	NA	NA	ug/kg	6	195.00	185.00	0.00
Methoxychlor	NA	9610000	9610000	ug/kg	5	2.00	1.66	20.00
Molybdenum	NA	9610	9610	mg/kg	1	0.17	0.17	100.00
Naphthalene	NA	76800000	76800000	ug/kg	6	195.00	185.00	0.00
Nickel	14.91	38400	38400	mg/kg	2	15.80	15.65	100.00
Nitrobenzene	NA	961000	961000	ug/kg	6	195.00	185.00	0.00
N-Nitroso-Di-N-Propylamine	NA	64000	640	ug/kg	6	195.00	185.00	0.00
N-Nitrosodiphenylamine	NA	365000000	915000	ug/kg	6	195.00	185.00	0.00

Table 8
IHSS 900-154 Surface Soil Summary of Analytical Results

Analyte	Background Mean +2SD	Tier I Action Level	Tier II Action Level	Unit	Total Number Samples Analyzed	Maximum Concentration	Average Concentration	Detection Frequency
O-Nitrophenol	NA	NA	NA	ug/kg	6	195.00	185.00	0.00
P-Dichlorobenzene	NA	18700000	187000	ug/kg	6	195.00	185.00	0.00
Pentachlorophenol	NA	14900000	37400	ug/kg	6	950.00	900.00	0.00
Phenanthrene	NA	NA	NA	ug/kg	6	195.00	185.00	0.00
Phenol	NA	1000000000	1000000000	ug/kg	6	195.00	185.00	0.00
P-Nitroaniline	NA	NA	NA	ug/kg	6	950.00	900.00	0.00
P-Nitrophenol	NA	15400000	15400000	ug/kg	6	950.00	900.00	0.00
Pyrene	NA	57600000	57600000	ug/kg	6	195.00	185.00	0.00
Sodium	91.84	NA	NA	mg/kg	6	87.00	84.75	0.00
Strontium	48.94	1000000	1000000	mg/kg	6	156.00	82.28	100.00
Thallium	NA	NA	NA	mg/kg	3	1.20	1.17	100.00
Tin	NA	1000000	1000000	mg/kg	6	1.80	1.34	100.00
Titanium	NA	NA	NA	mg/kg	6	106.00	63.72	100.00
Toxaphene	NA	407000	4070	ug/kg	5	105.00	97.00	0.00
Uranium-235	0.09	135	24	pCi/g	5	0.27	0.21	100.00
Uranium 238/234	2.00	586	103	pCi/g	3	2.78	2.56	100.00
Vanadium	45.59	13400	13400	mg/kg	3	53.20	49.70	100.00

SD = standard deviation
NA = not applicable

Table 9
IHSS 900-154 Subsurface Soil Summary of Analytical Results

Analyte	Background Mean +2SD	Tier I Action Level	Tier II Action Level	Unit	Total Number Samples Analyzed	Maximum Concentration	Average Concentration	Detection Frequency
1,1,1,2-Tetrachloroethane	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
1,1,1-Trichloroethane	NA	94800000	948000	ug/kg	25	3.10	2.92	0.00
1,1,2,2-Tetrachloroethane	NA	168000	1680	ug/kg	25	3.10	2.92	0.00
1,1,2-Trichloro-1,2,2-Trifluor	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
1,1,2-Trichloroethane	NA	1230000	12300	ug/kg	25	3.10	2.92	0.00
1,1-Dichloroethane	NA	689000000	6890000	ug/kg	25	3.10	2.92	0.00
1,1-Dichloroethene	NA	2190000	21900	ug/kg	25	3.10	2.92	0.00
1,1-Dichloropropene	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
1,2,3-Trichlorobenzene	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
1,2,3-Trichloropropane	NA			ug/kg	25	3.10	2.92	0.00
1,2,4-Trichlorobenzene	NA	433000000	4330000	ug/kg	47	260.00	88.33	0.00
1,2,4-Trimethylbenzene	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
1,2-Dibromo-3-Chloropropane	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
1,2-Dibromoethane	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
1,2-Dichlorobenzene	NA	1320000000	13200000	ug/kg	47	260.00	88.33	0.00
1,2-Dichloroethane	NA	668000	6680	ug/kg	25	3.10	2.92	0.00
1,2-Dichloropropane	NA	1130000	11300	ug/kg	25	3.10	2.92	0.00
1,3,5-Trimethylbenzene	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
1,3-Dichloropropane	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
2,2-Dichloropropane	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
2,2'-Oxybis(1-Chloropropane)	NA	NA	NA	ug/kg	22	260.00	190.00	0.00
2,4,5-Trichlorophenol	NA	279000000	2790000	ug/kg	22	260.00	190.00	0.00
2,4,6-Trichlorophenol	NA	10700000	107000	ug/kg	22	260.00	190.00	0.00
2,4-Dichlorophenol	NA	63500000	635000	ug/kg	22	260.00	190.00	0.00
2,4-Dimethylphenol	NA	577000000	5770000	ug/kg	22	260.00	190.00	0.00
2,4-Dinitrophenol	NA	5290000	52900	ug/kg	22	1250.00	926.19	0.00
2,4-Dinitrotoluene	NA	50100	501	ug/kg	22	260.00	190.00	0.00
2,6-Dinitrotoluene	NA	38800	388	ug/kg	22	260.00	190.00	0.00
2-Butanone	NA	NA	NA	ug/kg	25	12.50	11.72	0.00
2-Chloronaphthalene	NA	NA	NA	ug/kg	22	260.00	190.00	0.00

Table 9
IHSS 900-154 Subsurface Soil Summary of Analytical Results

Analyte	Background Mean +2SD	Tier I Action Level	Tier II Action Level	Unit	Total Number Samples Analyzed	Maximum Concentration	Average Concentration	Detection Frequency
2-Chlorophenol	NA	257000000	2570000	ug/kg	22	260.00	190.00	0.00
2-Chlorotoluene	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
2-Hexanone	NA	NA	NA	ug/kg	25	12.50	11.72	0.00
2-Methylnaphthalene	NA	NA	NA	ug/kg	22	260.00	190.00	0.00
2-Methylphenol	NA	706000000	7060000	ug/kg	22	260.00	190.00	0.00
2-Nitroaniline	NA	NA	NA	ug/kg	22	1250.00	926.19	0.00
3,3'-Dichlorobenzidine	NA	484000	4840	ug/kg	22	1000.00	750.00	0.00
3-Nitroaniline	NA	NA	NA	ug/kg	22	1250.00	926.19	0.00
4,4'-Dichlorodiphenyldichloroethane	NA	1220000000	12200000	ug/kg	22	2.45	1.05	0.00
4,4'-Dichlorodiphenyldichloroethylene	NA	3840000000	38400000	ug/kg	22	2.45	1.05	0.00
4,4'-Dichlorodiphenyltrichloroethane	NA	2260000000	22600000	ug/kg	22	2.45	1.05	0.00
4,6-Dinitro-O-Cresol	NA	NA	NA	ug/kg	22	1250.00	926.19	0.00
4-Bromophenyl Phenyl Ether	NA	NA	NA	ug/kg	22	260.00	190.00	0.00
4-Chloro-3-Methylphenol	NA	NA	NA	ug/kg	22	260.00	190.00	0.00
4-Chloroaniline	NA	43700000	437000	ug/kg	22	260.00	190.00	0.00
4-Chlorophenyl-Phenyl Ether	NA	NA	NA	ug/kg	22	260.00	190.00	0.00
4-Chlorotoluene	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
4-Isopropyltoluene	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
4-Methyl-2-Pentanone	NA	NA	NA	ug/kg	25	12.50	11.72	0.00
4-Methylphenol	NA	NA	NA	ug/kg	22	260.00	190.00	0.00
Acenaphthene	NA	53400000000	534000000	ug/kg	22	260.00	190.00	0.00
Acenaphthylene	NA	NA	NA	ug/kg	22	260.00	190.00	0.00
Acetone	NA	27200000000	272000000	ug/kg	25	21.00	11.28	48.00
Aldrin	NA	42200000	422000	ug/kg	22	2.45	1.05	0.00
Alpha-Bhc	NA	58000	580	ug/kg	22	2.45	1.05	0.00
Anthracene	NA	1000000000000	11200000	ug/kg	22	260.00	190.00	0.00
Aroclor-1016	NA	531000000	5310000	ug/kg	22	48.00	19.14	0.00
Aroclor-1221	NA	531000000	5310000	ug/kg	22	48.00	19.14	0.00
Aroclor-1232	NA	531000000	5310000	ug/kg	22	48.00	19.14	0.00
Aroclor-1242	NA	531000000	5310000	ug/kg	22	48.00	19.14	0.00
Aroclor-1248	NA	531000000	5310000	ug/kg	22	48.00	19.14	0.00

Table 9
IHSS 900-154 Subsurface Soil Summary of Analytical Results

Analyte	Background Mean +2SD	Tier I Action Level	Tier II Action Level	Unit	Total Number Samples Analyzed	Maximum Concentration	Average Concentration	Detection Frequency
Aroclor-1254	NA	531000000	5310000	ug/kg	22	48.00	19.14	0.00
Aroclor-1260	NA	531000000	5310000	ug/kg	22	48.00	19.14	0.00
Arsenic	13.14	299	3	mg/kg	4	55.10	28.35	100.00
Benyzl Alcohol	NA	NA	NA	ug/kg	22	260.00	190.00	0.00
Benzene	NA	1410000	14100	ug/kg	25	3.10	2.92	0.00
Benzo(A)Anthracene	NA	160000000	1600000	ug/kg	22	260.00	190.00	0.00
Benzo(A)Pyrene	NA	701000000	7010000	ug/kg	22	260.00	190.00	0.00
Benzo(B)Fluoranthene	NA	495000000	4950000	ug/kg	22	260.00	190.00	0.00
Benzo(K)Fluoranthene	NA	4950000000	49500000	ug/kg	22	260.00	190.00	0.00
Benzo[Ghi]Perylene	NA	NA	NA	ug/kg	22	260.00	190.00	0.00
Benzoic Acid	NA	10900000000	109000000	ug/kg	22	1250.00	926.19	0.00
Beta-Bhc	NA	208000	2080	ug/kg	22	2.45	1.05	0.00
Bis(2-Chloroethoxy) Methane	NA	NA	NA	ug/kg	22	260.00	190.00	0.00
Bis(2-Chloroethyl) Ether	NA	9730	97	ug/kg	22	260.00	190.00	0.00
Bis(2-Ethylhexyl)Phthalate	NA	311000000000	3110000000	ug/kg	22	260.00	190.00	0.00
Boron	NA	NA	NA	mg/kg	12	2.00	1.31	100.00
Bromobenzene	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
Bromochloromethane	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
Bromodichloromethane	NA	26400000	264000	ug/kg	25	3.10	2.92	0.00
Bromoform	NA	37200000	372000	ug/kg	25	3.10	2.92	0.00
Bromomethane	NA	5980000	59800	ug/kg	25	3.10	2.92	0.00
Butylbenzylphthalate	NA	1000000000000	14400000000	ug/kg	22	260.00	190.00	0.00
Calcium	39382.27	NA	NA	mg/kg	7	191000.00	115185.71	100.00
Carbon Disulfide	NA	988000000	9880000	ug/kg	25	3.10	2.92	0.00
Carbon Tetrachloride	NA	3560000	35600	ug/kg	25	3.10	2.92	0.00
Chlordane (Technical)	NA	NA	NA	ug/kg	22	24.50	10.45	0.00
Chlorobenzene	NA	83000000	830000	ug/kg	25	3.10	2.92	0.00
Chloroethane	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
Chloroform	NA	21400000	214000	ug/kg	25	3.10	2.92	0.00
Chloromethane	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
Chrysene	NA	16000000000	160000000	ug/kg	22	260.00	190.00	0.00

Table 9
IHSS 900-154 Subsurface Soil Summary of Analytical Results

Analyte	Background Mean +2SD	Tier I Action Level	Tier II Action Level	Unit	Total Number Samples Analyzed	Maximum Concentration	Average Concentration	Detection Frequency
Cis-1,2-Dichloroethene	NA	NA	NA	ug/kg	25	1.55	1.46	0.00
Cis-1,3-Dichloropropene	NA	120000	1200	ug/kg	25	3.10	2.92	0.00
Copper	38.21	71100	71100	mg/kg	1	39.90	39.90	100.00
Delta-Bhc	NA	NA	NA	ug/kg	22	2.45	1.05	0.00
Dibenz(A,H)Anthracene	NA	153000000	1530000	ug/kg	22	260.00	190.00	0.00
Dibenzofuran	NA	NA	NA	ug/kg	22	260.00	190.00	0.00
Dibromochloromethane	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
Dibromomethane	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
Dichlorodifluoromethane	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
Dieldrin	NA	392000	3920	ug/kg	22	2.45	1.05	0.00
Diethyl Phthalate	NA	31000000000	310000000	ug/kg	22	500.00	380.95	0.00
Dimethyl Phthalate	NA	NA	NA	ug/kg	22	260.00	190.00	0.00
Di-N-Butyl Phthalate	NA	426000000000	4260000000	ug/kg	22	260.00	190.00	0.00
Di-N-Octyl Phthalate	NA	NA	NA	ug/kg	22	260.00	190.00	0.00
Endosulfan II	NA	1630000000	16300000	ug/kg	22	2.45	1.05	0.00
Endosulfan I	NA	1630000000	16300000	ug/kg	22	2.45	1.05	0.00
Endosulfan Sulfate	NA	NA	NA	ug/kg	22	2.45	1.05	0.00
Endrin Aldehyde	NA	NA	NA	ug/kg	22	2.45	1.05	0.00
Endrin	NA	84700000	847000	ug/kg	22	2.45	1.05	0.00
Ethylbenzene	NA	932000000	9320000	ug/kg	25	3.10	2.92	0.00
Fluoranthene	NA	537000000000	5370000000	ug/kg	22	260.00	190.00	0.00
Fluorene	NA	69400000000	694000000	ug/kg	22	260.00	190.00	0.00
Gamma-Bhc (Lindane)	NA	750000	7500	ug/kg	22	2.45	1.05	0.00
Heptachlor Epoxide	NA	57200000	572000	ug/kg	22	9.50	1.05	0.00
Heptachlor	NA	1940000000	19400000	ug/kg	22	2.45	4.13	0.00
Hexachlorobenzene	NA	189000000	1890000	ug/kg	22	260.00	190.00	0.00
Hexachlorobutadiene	NA	201000000	2010000	ug/kg	47	260.00	88.33	0.00
Hexachlorocyclopentadiene	NA	34400000000	344000000	ug/kg	22	500.00	380.95	0.00
Hexachloroethane	NA	37700000	377000	ug/kg	22	260.00	190.00	0.00
Indeno(1,2,3-Cd)Pyrene	NA	1400000000	14000000	ug/kg	22	260.00	190.00	0.00
Isophorone	NA	20900000	209000	ug/kg	22	260.00	190.00	0.00

Table 9
IHSS 900-154 Subsurface Soil Summary of Analytical Results

Analyte	Background Mean +2SD	Tier I Action Level	Tier II Action Level	Unit	Total Number Samples Analyzed	Maximum Concentration	Average Concentration	Detection Frequency
Isopropylbenzene	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
Lead	24.97	1000	1000	mg/kg	1	25.60	25.60	100.00
Magnesium	9315.44	NA	NA	mg/kg	1	9580.00	9580.00	100.00
M-Dichlorobenzene	NA	NA	NA	ug/kg	47	260.00	88.33	0.00
Methoxychlor	NA	13400000000	134000000	ug/kg	22	4.80	1.76	18.18
Methylene Chloride	NA	578000	5780	ug/kg	25	2.20	1.33	100.00
Naphthalene	NA	10100000000	101000000	ug/kg	47	260.00	88.33	0.00
N-Butylbenzene	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
Nitrobenzene	NA	5390000	53900	ug/kg	22	260.00	190.00	0.00
N-Nitroso-Di-N-Propylamine	NA	1890	19	ug/kg	22	260.00	190.00	0.00
N-Nitrosodiphenylamine	NA	78400000	784000	ug/kg	22	260.00	190.00	0.00
N-Propylbenzene	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
O-Nitrophenol	NA	NA	NA	ug/kg	22	260.00	190.00	0.00
P-Dichlorobenzene	NA	165000000	1650000	ug/kg	47	260.00	88.33	0.00
Pentachlorophenol	NA	2110000	21100	ug/kg	22	1250.00	926.19	0.00
Phenanthrene	NA	NA	NA	ug/kg	22	260.00	190.00	0.00
Phenol	NA	3750000000	37500000	ug/kg	22	260.00	190.00	0.00
P-Nitroaniline	NA	NA	NA	ug/kg	22	1250.00	926.19	0.00
P-Nitrophenol	NA	NA	NA	ug/kg	22	1250.00	926.19	0.00
Pyrene	NA	397000000000	3970000000	ug/kg	22	260.00	190.00	0.00
Sec-Butylbenzene	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
Styrene	NA	274000000	2740000	ug/kg	25	3.10	2.92	0.00
Tert-Butylbenzene	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
Tetrachloroethene	NA	3150000	31500	ug/kg	25	3.10	2.81	8.00
Thallium	1.84	NA	NA	mg/kg	2	2.40	2.40	100.00
Titanium	NA	NA	NA	mg/kg	24	608.00	70.60	100.00
Toluene	NA	707000000	7070000	ug/kg	25	3.10	2.92	0.00
Toxaphene	NA	2650000000	26500000	ug/kg	22	245.00	104.55	0.00
Trans-1,2-Dichloroethene	NA	NA	NA	ug/kg	25	1.55	1.46	0.00
Trans-1,3-Dichloropropene	NA	120000	1200	ug/kg	25	3.10	2.92	0.00
Trichloroethene	NA	3280000	32800	ug/kg	25	3.10	2.92	0.00

Table 9
IHSS 900-154 Subsurface Soil Summary of Analytical Results

Analyte	Background Mean +2SD	Tier I Action Level	Tier II Action Level	Unit	Total Number Samples Analyzed	Maximum Concentration	Average Concentration	Detection Frequency
Trichlorofluoromethane	NA	NA	NA	ug/kg	25	3.10	2.92	0.00
Uranium-235	0.12	113	24	pCi/g	17	0.28	0.18	100.00
Uranium 238/234	1.49	506	103	pCi/g	20	3.23	2.21	100.00
Vanadium	88.49	13400	13400	mg/kg	1	128.00	128.00	100.00
Vinyl Chloride	NA	346000	3460	ug/kg	25	3.10	2.92	0.00
Xylenes (Total)	NA	9740000000	97400000	ug/kg	25	3.10	2.92	0.00

SD = standard deviation NA = not applicable

3.0 DEVIATIONS FROM PLANNED SAMPLING SPECIFICATIONS

Deviations from the planned sampling specifications described in the BZSAP Addendum #BZ-02-01 (DOE 2002b) are presented in the following table.

Table 10
IHSS Group 900-2 Deviations from Planned Sampling Specifications

IHSS Site	Sampling Location	Planned Easting	Planned Northing	Actual Easting	Actual Northing	Comments
900-153	CQ40-002	2085967.06	749562.88	2085972.93	749501.55	Sample location deviation due to utilities.

For IHSS 900-154, there were no sample deviations from the planned sampling specifications described in the BZSAP Addendum #BZ-02-01 (DOE 2002b). The sampling locations in Table 11 were added in the field to define the lateral extent of the contamination on the northern side of IHSS 900-153.

Table 11
Additional Sampling Locations Not Included in the Planned Sampling Specifications

Sampling Location	Unplanned Easting	Unplanned Northing
CP41-000	2085908.67	749586.29
CP41-001	2085886.00	749614.98
CP41-002	2085923.02	749619.50
CQ40-003	2085987.33	749534.75
CQ41-000	2085967.12	749562.83
CQ41-001	2085944.99	749591.30
CQ41-002	2085986.65	749593.77
CQ41-003	2086013.47	749568.15
CQ41-004	2085992.78	749626.46
CQ41-005	2085961.19	749623.02
CQ41-006	2085938.91	749650.62
CQ41-007	2085974.52	749656.98
CQ41-008	2086039.39	749669.66
CQ41-009	2085953.28	749682.87
CQ41-010	2085987.82	749690.93
CQ41-011	2085967.15	749715.77
CQ41-012	2086001.42	749723.55
CQ41-013	2086046.18	749718.13
CQ42-000	2086005.61	749819.94

4.0 DATA QUALITY ASSESSMENT

The Data Quality Objectives (DQOs) for this project are described in the BZSAP (DOE 2002a). All DQOs for this project were achieved based on the following:

- Regulatory agency approved sampling program design (BZSAP Addendum 02-01 [DOE 2002b);
- Collection of samples in accordance with the sampling design;
- Results of the Data Quality Assessment as described in the following sections.

4.1.1 Data Quality Assessment Process

The DQA process ensures that the type, quantity and quality of environmental data used in decision making are defensible, and is based on the following guidance and requirements:

- EPA QA/G-4, 1994a, Guidance for the Data Quality Objective Process;
- EPA QA/G-9, 1998, Guidance for the Data Quality Assessment Process; Practical Methods for Data Analysis; and
- DOE Order 414.1A, 1999, Quality Assurance.

Verification and Validation (V&V) of the data are the primary components of the DQA. The final data are compared with original project DQOs and evaluated with respect to project decisions; uncertainty within the decisions; and quality criteria required for the data, specifically precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS). Validation criteria are consistent with the following RFETS-specific documents and industry guidelines:

- EPA 540/R-94/012, 1994b, USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review;
- EPA 540/R-94/013, 1994c, USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review; and
- Kaiser-Hill Company, L.L.C.(K-H) V&V Guidelines:
- General Guidelines for Data Verification and Validation, DA-GR01-v2, 2002a.
- V&V Guidelines for Isotopic Determinations by Alpha Spectrometry, DA-RC01-v2, 2002b.
- V&V Guidelines for Volatile Organics, DA-SS01-v3, 2002c.
- V&V Guidelines for Semivolatile Organics, DA-SS02-v3, 2002d.

- V&V Guidelines for Metals, DA-SS05-v3, 2002e.
- Lockheed-Martin, 1997, Evaluation of Radiochemical Data Usability, ES/ER/MS-5.

This report will be submitted to the Comprehensive Environmental, Response, Compensation and Liability Act (CERCLA) Administrative Record (AR) for permanent storage 30 days after being provided to CDPHE and/or U.S. EPA.

4.1.2 Verification and Validation of Results

Verification ensures that data produced and used by the project are documented and traceable in accordance with quality requirements. Validation consists of a technical review of all data that directly support the project decisions so that any limitations of the data relative to project goals are delineated and the associated data are qualified accordingly. The V&V process defines the criteria that constitute data quality, namely PARCCS parameters. Data traceability and archival are also addressed. V&V criteria include the following:

- Chain-of-custody;
- Preservation and hold-times;
- Instrument calibrations;
- Preparation blanks;
- Interference check samples (metals);
- Matrix spikes/matrix spike duplicates (MS/MSD);
- Laboratory control samples (LCS);
- Field duplicate measurements;
- Chemical yield (radiochemistry);
- Required quantitation limits/minimum detectable activities (sensitivity of chemical and radiochemical measurements, respectively); and
- Sample analysis and preparation methods.

Evaluation of V&V criteria ensures that PARCCS parameters are satisfactory (i.e., within tolerances acceptable to the project). Satisfactory V&V of laboratory quality controls are captured through application of validation "flags" or qualifiers to individual records.

Raw hardcopy data (e.g., individual analytical data packages) are currently filed by RIN and are maintained by Kaiser-Hill Analytical Services Division; older hardcopies may reside in the Federal Center in Lakewood, Colorado. Electronic data are stored in the RFETS Soil and Water Database (SWD).

Both quality control (QC) and real data, as of May 22, 2003, are included on the enclosed CD (Files: Real and QC in MS Access 2000).

4.1.3 Accuracy

The following measures of accuracy were evaluated:

- Laboratory Control Sample Evaluation;
- Surrogate Evaluation;
- Blanks; and
- Sample Matrix Spike Evaluation.

Results are compared to method requirements and project goals. The results of these comparisons are summarized for RFCA COCs where the result could impact project decisions. Particular attention is paid to those values near ALs when quality control (QC) results could indicate unacceptable levels of uncertainty for decision-making purposes.

Laboratory Control Sample Evaluation

The frequency of Laboratory Control Sample (LCS) measurements, relative to each laboratory batch, is given in Table 12. LCS frequency was adequate based on at least one LCS per batch. The minimum and maximum LCS results are also tabulated, by chemical and method, for the entire project. While not all LCS results are within tolerances, project decisions based on AL exceedances were not affected. Any qualifications of results due to LCS performance exceeding upper or lower tolerance limits are captured in the V&V flags, described in the Completeness Section.

Surrogate Evaluation

The frequency of surrogate measurements is given in Table 13. Surrogate frequency was adequate based on at least one analysis per sample. The minimum and maximum surrogate results are also tabulated, by chemical, for the entire project. Any qualifications of results due to surrogate results are captured in the V&V flags, described in the Completeness Section.

Blank Evaluation

Detectable amounts of contaminants within the blanks, which could indicate possible cross-contamination of samples, are evaluated if the same contaminant is detected in the associated real samples. When the real result is less than 10 times the blank result for laboratory contaminants, or less than 5 times the result for non-laboratory contaminants, the real result is eliminated. None of the chemicals detected in blanks were detected at concentrations (in real samples) greater than ALs, therefore no significant blank contamination is indicated.

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Table 12
Laboratory Control Sample Evaluation

CAS Number	Analyte	Minimum	Maximum	Number of Laboratory Samples	Number of Laboratory Batches	Unit	Laboratory Test Method
100-02-7	P-NITROPHENOL	57	68	9	9	%REC	SW-846 8270B
100-41-4	ETHYLBENZENE	98.29	114.3	4	4	%REC	SW-846 8260
100-42-5	STYRENE	103.3	122	4	4	%REC	SW-846 8260
10061-01-5	CIS-1,3-DICHLOROPROPENE	95.24	109.9	4	4	%REC	SW-846 8260
10061-02-6	TRANS-1,3-DICHLOROPROPENE	92.25	116.1	4	4	%REC	SW-846 8260
106-46-7	P-DICHLOROBENZENE	98.25	113.1	4	4	%REC	SW-846 8260
106-46-7	P-DICHLOROBENZENE	59	65	9	9	%REC	SW-846 8270B
107-06-2	1,2-DICHLOROETHANE	94.86	128.1	4	4	%REC	SW-846 8260
108-10-1	4-METHYL-2-PENTANONE	72.16	92.49	4	4	%REC	SW-846 8260
108-88-3	TOLUENE	77	118.6	24	24	%REC	SW-846 8260
108-90-7	CHLOROBENZENE	85	113.1	24	24	%REC	SW-846 8260
108-95-2	PHENOL	66	76	9	9	%REC	SW-846 8270B
11096-82-5	AROCLOR-1260	82	96	9	9	%REC	SW-846 8082
120-82-1	1,2,4-TRICHLOROBENZENE	62	67	9	9	%REC	SW-846 8270B
120-82-1	1,2,4-TRICHLOROBENZENE	100.1	133.8	4	4	%REC	SW-846 8260
121-14-2	2,4-DINITROTOLUENE	66	81	9	9	%REC	SW-846 8270B
124-48-1	DIBROMOCHLOROMETHANE	82.35	91.98	4	4	%REC	SW-846 8260
12674-11-2	AROCLOR-1016	80	93	9	9	%REC	SW-846 8082
127-18-4	TETRACHLOROETHENE	95.86	112.9	4	4	%REC	SW-846 8260
129-00-0	PYRENE	59	67	9	9	%REC	SW-846 8270B
1330-20-7	XYLENES (TOTAL)	92.19	106.1	4	4	%REC	SW-846 8260
309-00-2	ALDRIN	81	94	7	7	%REC	SW-846 8081A
50-29-3	4,4'-DDT	81	105	7	7	%REC	SW-846 8081A
56-23-5	CARBON TETRACHLORIDE	95.91	134.3	4	4	%REC	SW-846 8260
58-89-9	GAMMA-BHC (LINDANE)	80	93	7	7	%REC	SW-846 8081A
60-57-1	DIELDRIN	83	96	7	7	%REC	SW-846 8081A

Table 12
Laboratory Control Sample Evaluation

CAS Number	Analyte	Minimum	Maximum	Number of Laboratory Samples	Number of Laboratory Batches	Unit	Laboratory Test Method
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	64	81	9	9	%REC	SW-846 8270B
67-64-1	ACETONE	63.42	125.7	4	4	%REC	SW-846 8260
67-66-3	CHLOROFORM	95.27	126	4	4	%REC	SW-846 8260
71-43-2	BENZENE	85	141.5	24	24	%REC	SW-846 8260
71-55-6	1,1,1-TRICHLOROETHANE	94.13	136.4	4	4	%REC	SW-846 8260
72-20-8	ENDRIN	90	103	7	7	%REC	SW-846 8081A
7429-90-5	ALUMINUM	95.5	98.4	2	2	%REC	SW-846-TOTAL
7429-90-5	ALUMINUM	89	100	7	7	%REC	SW-846 6010/6010B
7439-89-6	IRON	91	101	7	7	%REC	SW-846 6010/6010B
7439-89-6	IRON	100.5	101	2	2	%REC	SW-846-TOTAL
7439-92-1	LEAD	100	102.5	2	2	%REC	SW-846-TOTAL
7439-92-1	LEAD	94	100	7	7	%REC	SW-846 6010/6010B
7439-93-2	LITHIUM	90	104	7	7	%REC	SW-846 6010/6010B
7439-93-2	LITHIUM	103.9	104.6	2	2	%REC	SW-846-TOTAL
7439-96-5	MANGANESE	96	101	7	7	%REC	SW-846 6010/6010B
7439-96-5	MANGANESE	94.6	97.1	2	2	%REC	SW-846-TOTAL
7439-97-6	MERCURY	97	104	7	7	%REC	SW-846 6010/6010B
7439-98-7	MOLYBDENUM	93	97	7	7	%REC	SW-846 6010/6010B
7439-98-7	MOLYBDENUM	97	98.8	2	2	%REC	SW-846-TOTAL
7440-02-0	NICKEL	95.5	100.4	2	2	%REC	SW-846-TOTAL
7440-02-0	NICKEL	94	100	7	7	%REC	SW-846 6010/6010B
7440-22-4	SILVER	94	101.4	2	2	%REC	SW-846-TOTAL
7440-22-4	SILVER	94	110	7	7	%REC	SW-846 6010/6010B
7440-24-6	STRONTIUM	96.1	97.7	2	2	%REC	SW-846-TOTAL
7440-24-6	STRONTIUM	94	103	7	7	%REC	SW-846 6010/6010B
7440-31-5	TIN	113.6	114.3	2	2	%REC	SW-846-TOTAL

Table 12
Laboratory Control Sample Evaluation

CAS Number	Analyte	Minimum	Maximum	Number of Laboratory Samples	Number of Laboratory Batches	Unit	Laboratory Test Method
7440-31-5	TIN	91	96	7	7	%REC	SW-846 6010/6010B
7440-36-0	ANTIMONY	90	98	7	7	%REC	SW-846 6010/6010B
7440-36-0	ANTIMONY	94.5	97.5	2	2	%REC	SW-846-TOTAL
7440-38-2	ARSENIC	96	100.5	2	2	%REC	SW-846-TOTAL
7440-38-2	ARSENIC	93	98	7	7	%REC	SW-846 6010/6010B
7440-39-3	BARIUM	96	105	7	7	%REC	SW-846 6010/6010B
7440-39-3	BARIUM	99.8	101.2	2	2	%REC	SW-846-TOTAL
7440-41-7	BERYLLIUM	99.4	101	2	2	%REC	SW-846-TOTAL
7440-41-7	BERYLLIUM	94	100	7	7	%REC	SW-846 6010/6010B
7440-43-9	CADMIUM	94	99	7	7	%REC	SW-846 6010/6010B
7440-43-9	CADMIUM	95	98.4	2	2	%REC	SW-846-TOTAL
7440-48-4	COBALT	92	98	7	7	%REC	SW-846 6010/6010B
7440-48-4	COBALT	93.7	96.6	2	2	%REC	SW-846-TOTAL
7440-50-8	COPPER	85.4	88.2	2	2	%REC	SW-846-TOTAL
7440-50-8	COPPER	92	102	7	7	%REC	SW-846 6010/6010B
7440-62-2	VANADIUM	94	101	7	7	%REC	SW-846 6010/6010B
7440-62-2	VANADIUM	94.4	97.3	2	2	%REC	SW-846-TOTAL
7440-66-6	ZINC	97.4	101.1	2	2	%REC	SW-846-TOTAL
7440-66-6	ZINC	92	96	7	7	%REC	SW-846 6010/6010B
74-83-9	BROMOMETHANE	119.4	155.6	4	4	%REC	SW-846 8260
74-87-3	CHLOROMETHANE	93.51	216.7	4	4	%REC	SW-846 8260
75-00-3	CHLOROETHANE	94.16	129.3	4	4	%REC	SW-846 8260
75-01-4	VINYL CHLORIDE	96.51	172.4	4	4	%REC	SW-846 8260
75-09-2	METHYLENE CHLORIDE	95.86	128.2	4	4	%REC	SW-846 8260
75-15-0	CARBON DISULFIDE	103.8	142.5	4	4	%REC	SW-846 8260
75-25-2	BROMOFORM	94.27	110.9	4	4	%REC	SW-846 8260

Table 12
Laboratory Control Sample Evaluation

CAS Number	Analyte	Minimum	Maximum	Number of Laboratory Samples	Number of Laboratory Batches	Unit	Laboratory Test Method
75-27-4	BROMODICHLOROMETHANE	95.47	109.3	4	4	%REC	SW-846 8260
75-34-3	1,1-DICHLOROETHANE	94.57	131.8	4	4	%REC	SW-846 8260
75-35-4	1,1-DICHLOROETHENE	87	149.3	24	24	%REC	SW-846 8260
76-44-8	HEPTACHLOR	83	100	7	7	%REC	SW-846 8081A
7782-49-2	SELENIUM	87	97	7	7	%REC	SW-846 6010/6010B
7782-49-2	SELENIUM	98.2	105.6	2	2	%REC	SW-846-TOTAL
78-87-5	1,2-DICHLOROPROPANE	92.15	115.4	4	4	%REC	SW-846 8260
78-93-3	2-BUTANONE	89.17	128.1	4	4	%REC	SW-846 8260
79-00-5	1,1,2-TRICHLOROETHANE	88.98	109.6	4	4	%REC	SW-846 8260
79-01-6	TRICHLOROETHENE	85	115.3	24	24	%REC	SW-846 8260
79-34-5	1,1,2,2-TETRACHLOROETHANE	90.94	108.6	4	4	%REC	SW-846 8260
83-32-9	ACENAPHTHENE	61	68	9	9	%REC	SW-846 8270B
87-68-3	HEXACHLOROBUTADIENE	99.17	125.5	4	4	%REC	SW-846 8260
87-86-5	PENTACHLOROPHENOL	45	64	9	9	%REC	SW-846 8270B
91-20-3	NAPHTHALENE	87.92	125	4	4	%REC	SW-846 8260
95-50-1	O-DICHLOROBENZENE	97.11	106.7	4	4	%REC	SW-846 8260
95-57-8	2-CHLOROPHENOL	65	75	9	9	%REC	SW-846 8270B

%REC = Percent Recovered

Table 13
Surrogate Recovery Summary

VOC Surrogate Recoveries				
Number of Samples	Analyte	Minimum	Maximum	Unit Code
109	1,2-DICHLOROETHANE-D4	78	121	%REC
109	4-BROMOFLUOROBENZENE	89	120	%REC
109	TOLUENE-D8	87	118	%REC
SVOC Surrogate Recoveries				
Number of Samples	Analyte	Minimum	Maximum	Unit Code
77	TERPHENYL-D14	53	84	%REC
77	2-FLUOROBIPHENYL	51	85	%REC
77	2-FLUOROPHENOL	57	78	%REC
77	NITROBENZENE-D5	56	81	%REC

Sample Matrix Spike Evaluation

The frequency of MS measurements was adequate based on at least one MS per batch. The minimum and maximum MS results are summarized by chemical, for the entire project in Table 14. MS recoveries alone do not result in rejection of data; any qualifications due to matrix spike performance are included in the validation flags summarized in the Completeness section.

Table 14
Sample Matrix Spike Evaluation

CAS Number	Analyte	Result Type	Minimum	Maximum	Number of Laboratory Samples	Number of Laboratory Batches	Unit	Laboratory Method
7429-90-5	ALUMINUM	MS	97	5500	9	9	%REC	SW-846 6010/6010B
7439-89-6	IRON	MS	100	1530	8	8	%REC	SW-846 6010/6010B
7439-92-1	LEAD	MS	85	100	9	9	%REC	SW-846 6010/6010B
7439-93-2	LITHIUM	MS	95	107	9	9	%REC	SW-846 6010/6010B
7439-96-5	MANGANESE	MS	41	173	8	8	%REC	SW-846 6010/6010B
7439-97-6	MERCURY	MS	89	100	6	6	%REC	SW-846 6010/6010B
7439-98-7	MOLYBDENUM	MS	81	100	9	9	%REC	SW-846 6010/6010B
7440-02-0	NICKEL	MS	88	101	9	9	%REC	SW-846 6010/6010B
7440-22-4	SILVER	MS	89	104	9	9	%REC	SW-846 6010/6010B
7440-24-6	STRONTIUM	MS	66	107	9	9	%REC	SW-846 6010/6010B
7440-31-5	TIN	MS	83	97	9	9	%REC	SW-846 6010/6010B

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Table 14
Sample Matrix Spike Evaluation

CAS Number	Analyte	Result Type	Minimum	Maximum	Number of Laboratory Samples	Number of Laboratory Batches	Unit	Laboratory Method
7440-36-0	ANTIMONY	MS	28	98	9	9	%REC	SW-846 6010/6010B
7440-38-2	ARSENIC	MS	89	100	9	9	%REC	SW-846 6010/6010B
7440-39-3	BARIUM	MS	82	125	9	9	%REC	SW-846 6010/6010B
7440-41-7	BERYLLIUM	MS	88	102	9	9	%REC	SW-846 6010/6010B
7440-43-9	CADMIUM	MS	80	99	9	9	%REC	SW-846 6010/6010B
7440-48-4	COBALT	MS	82	98	9	9	%REC	SW-846 6010/6010B
7440-50-8	COPPER	MS	68	109	9	9	%REC	SW-846 6010/6010B
7440-62-2	VANADIUM	MS	91	160	9	9	%REC	SW-846 6010/6010B
7440-66-6	ZINC	MS	77	101	9	9	%REC	SW-846 6010/6010B
7782-49-2	SELENIUM	MS	82	96	9	9	%REC	SW-846 6010/6010B
309-00-2	ALDRIN	MS	77	91	4	4	%REC	SW-846 8081A
50-29-3	4,4'-DDT	MS	83	106	4	4	%REC	SW-846 8081A
58-89-9	GAMMA-BHC (LINDANE)	MS	57	107	13	13	%REC	SW-846 8081A
60-57-1	DIELDRIN	MS	77	93	4	4	%REC	SW-846 8081A
72-20-8	ENDRIN	MS	78	91	4	4	%REC	SW-846 8081A
76-44-8	HEPTACHLOR	MS	85	97	4	4	%REC	SW-846 8081A
11096-82-5	AROCLOR-1260	MS	79	96	4	4	%REC	SW-846 8082
12674-11-2	AROCLOR-1016	MS	85	95	4	4	%REC	SW-846 8082
108-88-3	TOLUENE	MS	78	92	4	4	%REC	SW-846 8260
108-90-7	CHLOROBENZENE	MS	61	115	9	9	%REC	SW-846 8260
71-43-2	BENZENE	MS	37	105	10	10	%REC	SW-846 8260
75-35-4	1,1-DICHLOROETHENE	MS	86	128	10	10	%REC	SW-846 8260
79-01-6	TRICHLOROETHENE	MS	77	180	10	10	%REC	SW-846 8260
100-02-7	P-NITROPHENOL	MS	43	98	7	7	%REC	SW-846 8270B

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Table 14
Sample Matrix Spike Evaluation

CAS Number	Analyte	Result Type	Minimum	Maximum	Number of Laboratory Samples	Number of Laboratory Batches	Unit	Laboratory Method
106-46-7	P-DICHLOROBENZENE	MS	44	69	7	7	%REC	SW-846 8270B
108-95-2	PHENOL	MS	52	454	7	7	%REC	SW-846 8270B
120-82-1	1,2,4-TRICHLOROBENZENE	MS	48	77	7	7	%REC	SW-846 8270B
121-14-2	2,4-DINITROTOLUENE	MS	48	87	7	7	%REC	SW-846 8270B
129-00-0	PYRENE	MS	49	66	7	7	%REC	SW-846 8270B
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	MS	50	75	7	7	%REC	SW-846 8270B
83-32-9	ACENAPHTHENE	MS	53	77	7	7	%REC	SW-846 8270B
87-86-5	PENTACHLOROPHENOL	MS	34	81	7	7	%REC	SW-846 8270B
95-57-8	2-CHLOROPHENOL	MS	50	68	7	7	%REC	SW-846 8270B

4.1.4 Precision

Matrix Spike Duplicate Evaluation

Laboratory precision is measured through use of MSD. The frequency of MSD measurements was adequate based on at least one MS per batch (Table 15). Relative percent differences (RPDs) exceeding 35 percent do not affect project decisions because all related real sample results were repeatable below ALs (Table 16).

Table 15
Sample Matrix Spike Duplicate Evaluation

Analyte Name	Number of Sample Pairs	Number of Laboratory Batches	Max RPD (%)
P-NITROPHENOL	7	7	22.90
P-DICHLOROBENZENE	7	7	16.67
TOLUENE	9	9	28.04
CHLOROBENZENE	10	10	35.51
PHENOL	7	7	68.50
AROCLOR-1260	4	4	6.52
1,2,4-TRICHLOROBENZENE	7	7	17.14
2,4-DINITROTOLUENE	7	7	25.45
AROCLOR-1016	4	4	10.31
PYRENE	7	7	17.48
ALDRIN	4	4	5.65

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Table 15
Sample Matrix Spike Duplicate Evaluation

Analyte Name	Number of Sample Pairs	Number of Laboratory Batches	Max RPD (%)
4,4'-DDT	4	4	6.83
GAMMA-BHC (LINDANE)	4	4	6.67
DIELDRIN	4	4	6.82
N-NITROSO-DI-N-PROPYLAMINE	7	7	16.99
BENZENE	10	10	25.64
ENDRIN	4	4	6.98
ALUMINUM	9	9	65.36
IRON	6	6	105.04
LEAD	9	9	20.90
LITHIUM	9	9	8.60
MANGANESE	8	8	116.33
MERCURY	6	6	4.40
MOLYBDENUM	9	9	3.43
NICKEL	9	9	20.00
SILVER	9	9	3.35
STRONTIUM	9	9	61.78
TIN	9	9	3.05
ANTIMONY	9	9	36.56
ARSENIC	9	9	6.45
BARIUM	9	9	27.37
ZINC	8	8	25.53
BERYLLIUM	9	9	15.71
CADMIUM	9	9	16.22
COBALT	9	9	13.64
COPPER	9	9	28.35
VANADIUM	9	9	43.52
ZINC	9	9	51.16
1,1-DICHLOROETHENE	10	10	18.44
HEPTACHLOR	4	4	6.45
SELENIUM	9	9	3.55
TRICHLOROETHENE	10	10	24.82
ACENAPHTHENE	7	7	17.24
PENTACHLOROPHENOL	7	7	54.55
2-CHLOROPHENOL	7	7	16.51

Field Duplicate Evaluation

Field duplicate results reflect sampling precision, or overall repeatability of the sampling process. The frequency of field duplicate collection should exceed 1 field duplicate per 20 real samples, or 5 percent. Table 16 indicates that duplicate sampling frequencies were adequate.

A common metric for evaluating precision is the RPD value; RPD values are given in Table 17. Ideally, RPDs of less than 35 percent (in soil) indicate satisfactory precision.

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Values exceeding 35 percent only affect project decisions if the imprecision is great enough to cause contradictory decisions relative to the COC (i.e., one sample indicates clean soil whereas the QC partner does not). Those analytes exceeding 35% RPD were either repeatable to concentrations below action levels, which does not impact project decisions, or, if any sample result exceeded an action level, the concentration was considered real, and not due to sampling imprecision (e.g., arsenic).

Table 16
Field Duplicate Sample Frequency

Test Method Name	Sample Code	Number of Samples	Percent Duplicate Samples
GAMMA SPECTROSCOPY	REAL	2	50
GAMMA SPECTROSCOPY	DUP	1	
SW-846 6010/6010B	REAL	13	23
SW-846 6010/6010B	DUP	3	
SW-846 8081A	REAL	14	29
SW-846 8081A	DUP	4	
SW-846 8082	REAL	18	28
SW-846 8082	DUP	5	
SW-846 8260	REAL	18	28
SW-846 8260	DUP	2	
SW-846 8270B	REAL	13	23
SW-846 8270B	DUP	3	

Table 17
RPD Evaluation

Analyte	Maximum Result of RPD
1,1,1-TRICHLOROETHANE	10.71
1,1,2,2-TETRACHLOROETHANE	10.71
1,1,2-TRICHLOROETHANE	10.71
1,1-DICHLOROETHANE	10.71
1,1-DICHLOROETHENE	10.71
1,2,4-TRICHLOROBENZENE	194.35
1,2-DICHLOROETHANE	101.30
1,2-DICHLOROPROPANE	10.71
2,4,5-TRICHLOROPHENOL	31.11
2,4,6-TRICHLOROPHENOL	31.11
2,4-DICHLOROPHENOL	31.11
2,4-DIMETHYLPHENOL	31.11
2,4-DINITROPHENOL	32.56
2,4-DINITROTOLUENE	31.11
2,6-DINITROTOLUENE	31.11
2-BUTANONE	13.33
2-CHLORONAPHTHALENE	31.11
2-CHLOROPHENOL	31.11

Table 17
RPD Evaluation

Analyte	Maximum Result of RPD
2-NITROANILINE	32.56
4-CHLOROANILINE	31.11
4-METHYL-2-PENTANONE	13.33
ACENAPHTHENE	31.11
ACETONE	125.42
ALDRIN	88.24
ALPHA-BHC	88.24
ALUMINUM	119.92
ANTHRACENE	31.11
ANTIMONY	8.89
ARSENIC	58.46
BARIUM	118.03
BENZENE	10.71
BENZO(A)ANTHRACENE	31.11
BENZO(A)PYRENE	31.11
BENZO(B)FLUORANTHENE	31.11
BENZO(K)FLUORANTHENE	31.11
BENZOIC ACID	32.56
BERYLLIUM	97.52
BETA-BHC	88.24
BIS(2-ETHYLHEXYL)PHTHALATE	31.11
BROMODICHLOROMETHANE	10.71
BROMOFORM	10.71
BROMOMETHANE	10.71
BUTYLBENZYLPHTHALATE	31.11
CARBON DISULFIDE	10.71
CARBON TETRACHLORIDE	10.71
CHLOROBENZENE	10.71
CHLOROETHANE	10.71
CHLOROFORM	10.71
CHLOROMETHANE	10.71
CHRYSENE	31.11
CIS-1,3-DICHLOROPROPENE	10.71
COBALT	154.89
COPPER	103.16
DIBENZ(A,H)ANTHRACENE	31.11
DIBENZOFURAN	31.11
DIBROMOCHLOROMETHANE	10.71
DIELDRIN	161.11
ENDOSULFAN I	88.24
ENDOSULFAN II	88.24
ENDOSULFAN SULFATE	88.24
ETHYLBENZENE	10.71

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Table 17
RPD Evaluation

Analyte	Maximum Result of RPD
FLUORANTHENE	31.11
FLUORENE	31.11
HEPTACHLOR	88.24
HEPTACHLOR EPOXIDE	85.71
HEXACHLOROBENZENE	31.11
HEXACHLOROBUTADIENE	194.35
HEXACHLOROCYCLOPENTADIENE	27.27
HEXACHLOROETHANE	31.11
INDENO(1,2,3-CD)PYRENE	31.11
IRON	73.79
ISOPHORONE	31.11
LEAD	109.09
LITHIUM	123.20
MANGANESE	176.20
MERCURY	89.36
METHOXYCHLOR	88.72
METHYLENE CHLORIDE	127.78
MOLYBDENUM	145.95
NAPHTHALENE	194.77
NICKEL	117.24
NITROBENZENE	31.11
N-NITROSODIPHENYLAMINE	31.11
PENTACHLOROPHENOL	32.56
PHENOL	31.11
PYRENE	143.39
SELENIUM	50.75
SILVER	74.68
STRONTIUM	86.32
TETRACHLOROETHENE	10.71
TIN	60.54
TOLUENE	10.71
TOXAPHENE	88.24
TRANS-1,3-DICHLOROPROPENE	10.71
TRICHLOROETHENE	10.71
VANADIUM	72.21
VINYL CHLORIDE	10.71
ZINC	142.47

Completeness

Based on the project's DQOs, a minimum of 25% of the Environmental Restoration (ER) Program's analytical (and radiological) results are targeted for formal validation. Of that

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percentage, no more than 10 percent of the results may be rejected, which ensures that analytical laboratory practices are consistent with quality requirements. Table 18 shows the number of validated records (codes without "1"), verified records (codes with "1"), and rejected records for each analytical group.

Frequency goals were attained for all groups except radionuclides and <1% of the data were rejected for each group. However, validation frequency of radionuclides via alpha spectroscopy is better than 25% for the ER Program as a whole (i.e., ~52%). Spot checks on flags applied to radionuclide results via gamma spectroscopy in hardcopy packages indicate at least a 25% frequency, but those flags have not yet been uploaded to the digital records in the RFETS SWD. As a result, the percentages of validation appear artificially small in Table 18. SWD records are scheduled to be updated with the applicable validation qualifiers in the next several weeks. In summary, validation frequencies and results were satisfactory for all analytical groups.

If additional V&V information is received, IHSS Group 900-2 records will be updated in the Soil and Water Database. Additional data qualification will be assessed as part of the Comprehensive Risk Assessment process.

4.1.5 Sensitivity

Reporting limits, in units of ug/kg for organics, mg/kg for metals, and pCi/g for radionuclides, were compared with RFCA WRW and Ecological Receptor ALs. Adequate sensitivities of analytical methods were attained for all COCs that affect project decisions. "Adequate" sensitivity is defined as a reporting limit less than an analyte's associated AL, typically less than one-half the AL.

4.1.6 Summary of Data Quality

Data quality is acceptable for project decisions based on the V&V criteria cited and with the qualifications given.

Table 18
Validation and Verification Summary

Validation Qualifier Code	Number of Records	Gamma Spectroscopy	SW6010 (Metals)	SW8081 (Pesticides)	SW8082 (PCBs)	SW8260 (VOCs)	SW8270 (SVOCs)
Number of V&V	992	160	0	0	0	832	0
I	74	0	0	0	7	0	67
J	293	0	273	16	1	3	0
J1	257	0	253	0	1	3	0
R1	41	0	41	0	0	0	0
U	5	0	0	0	0	5	0
V	4983	0	568	573	216	1576	2050
V1	5760	0	741	717	342	1822	2138
JB	12	0	0	0	0	12	0
JB1	15	0	0	0	0	15	0
UJ	143	0	89	0	0	23	31
UJ1	114	0	50	5	0	41	18
V	1	0	0	0	0	0	1
Total	12690	160	2015	1311	567	4332	4305
Total Validated	5276	0	841	589	217	1579	2050
Percent Validated	42%	0%	42%	45%	38%	36%	48%
Total Verified	11698	0	2015	1311	567	3500	4305
Percent Verified	92%	0%	100%	100%	100%	81%	100%
Percent Rejected	0.32%	0.00%	2.03%	0.00%	0.00%	0.00%	0.00%

Key:
V,V1,1 – Validated, Verified, with no qualifications
J, J1 – Qualified and Estimated
UJ1 – Nondetect value at the estimated detection limit
JB, JB1 – Estimated value due to presence of contaminant in associated lab blank
R,R1 – Rejected results; not used in project decisions

5.0 REFERENCES

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K-H, 2002d, V&V Guidelines for Semivolatile Organics, DA-SS02-v1, October.

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APPENDIX

WILDLIFE REFUGE WORKER/ECOLOGICAL RECEPTOR ACTION LEVEL COMPARISON TABLE

IHSS 153 Surface Soil Wildlife Refuge Worker Action Level Comparison

Location	Analyte	Soil Begin Depth (feet)	Soil End Depth (feet)	Result	Detection/ Reporting Limit	Background Mean+2SD	Wildlife Refuge Worker Action Level	Ecological Receptor Action Level	Tier I Action Level	Tier II Action Level	Unit
CQ40-002	4,4'-DDE	0	0.5	1.50	0.34	NA	101,000.00	—	1,320,000.00	13,200.00	ug/kg
CQ40-001	4,4'-DDE	0	0.5	1.40	0.34	NA	101,000.00	—	1,320,000.00	13,200.00	ug/kg
CQ40-001	Aldrin	0	0.5	0.59	0.41	NA	1,620.00	—	26,400.00	264.00	ug/kg
CP40-000	Aroclor-1254	0	0.5	340.00	6.4	NA	12,400.00	371,000	224,000.00	2,240.00	ug/kg
CP40-001	Aroclor-1254	0	0.5	16.00	4.6	NA	12,400.00	371,000	224,000.00	2,240.00	ug/kg
CQ41-000	Aroclor-1254	0	0.5	8.20	6.9	NA	12,400.00	371,000	224,000.00	2,240.00	ug/kg
CQ40-002	Aroclor-1254	0	0.5	160.00	4.5	NA	12,400.00	371,000	224,000.00	2,240.00	ug/kg
CQ40-001	Aroclor-1254	0	0.5	190.00	4.6	NA	12,400.00	371,000	224,000.00	2,240.00	ug/kg
CQ40-002	Aroclor-1260	0	0.5	65.00	5	NA	12,400.00	—	224,000.00	2,240.00	ug/kg
CQ40-001	Aroclor-1260	0	0.5	74.00	5.1	NA	12,400.00	—	224,000.00	2,240.00	ug/kg
CQ40-002	Dieldrin	0	0.5	1.80	0.57	NA	1,720.00	—	28,000.00	280.00	ug/kg
CP40-000	Dieldrin	0	0.5	11.00	0.57	NA	1,720.00	—	28,000.00	280.00	ug/kg
CQ40-001	Dieldrin	0	0.5	1.80	0.57	NA	1,720.00	—	28,000.00	280.00	ug/kg
CP40-001	Di-N-Octyl Phthalate	0	0.5	150.00	40	NA	14,700,000.00	—	1,000,000,000.00	38,400,000.00	ug/kg
CP40-000	Endosulfan I	0	0.5	3.90	0.4	NA	4,420,000.00	—	1,000,000,000.00	11,500,000.00	ug/kg
CQ40-002	Endosulfan II	0	0.5	0.70	0.69	NA	4,420,000.00	—	1,000,000,000.00	11,500,000.00	ug/kg
CQ41-009	Ethylbenzene	0	0.5	15.65	5.5	NA	4,250,000.00	—	192,000,000.00	192,000,000.00	ug/kg
CP40-000	Manganese	0	0.5	457.00	0.043	365.08	3,480.00	—	83,600.00	83,600.00	mg/kg
CP40-000	Methoxychlor	0	0.5	0.28	0.18	NA	5,110,000.00	—	9,610,000.00	9,610,000.00	ug/kg
CP40-001	Molybdenum	0	0.5	0.23	0.15	NA	5,110.00	—	9,610.00	9,610.00	mg/kg
CP40-000	Molybdenum	0	0.5	0.32	0.14	NA	5,110.00	—	9,610.00	9,610.00	mg/kg
CQ41-000	Nickel	0	0.5	16.20	0.74	14.91	20,400.00	—	38,400.00	38,400.00	mg/kg
CQ41-000	Strontium	0	0.5	50.60	0.0071	48.94	613,000.00	—	1,000,000.00	1,000,000.00	mg/kg
CQ40-002	Strontium	0	0.5	51.00	0.0064	48.94	613,000.00	—	1,000,000.00	1,000,000.00	mg/kg
CQ41-000	Tin	0	0.5	2.20	0.45	NA	613,000.00	—	1,000,000.00	1,000,000.00	mg/kg
CP40-001	Tin	0	0.5	2.60	0.43	NA	613,000.00	—	1,000,000.00	1,000,000.00	mg/kg
CQ40-001	Tin	0	0.5	2.30	0.4	NA	613,000.00	—	1,000,000.00	1,000,000.00	mg/kg
CP40-003	Tin	0	0.5	2.50	0.44	NA	613,000.00	—	1,000,000.00	1,000,000.00	mg/kg
CQ40-002	Tin	0	0.5	2.60	0.41	NA	613,000.00	—	1,000,000.00	1,000,000.00	mg/kg
CP40-000	Tin	0	0.5	1.30	0.29	NA	613,000.00	—	1,000,000.00	1,000,000.00	mg/kg

IHSS 153 Surface Soil Wildlife Refuge Worker Action Level Comparison

Location	Analyte	Soil Begin Depth (feet)	Soil End Depth (feet)	Result	Detection/ Reporting Limit	Background Mean+2SD	Wildlife Refuge Worker Action Level	Ecological Receptor Action Level	Tier I Action Level	Tier II Action Level	Unit
CP40-002	Uranium-235	0	0.5	0.17	1	0.09	8.00	1,900	135.00	24.00	pCi/g
CQ40-000	Uranium-235	0	0.5	0.23	1	0.09	8.00	1,900	135.00	24.00	pCi/g
CQ40-001	Uranium-235	0	0.5	0.27	1	0.09	8.00	1,900	135.00	24.00	pCi/g
CP40-003	Uranium-235	0	0.5	0.19	1	0.09	8.00	1,900	135.00	24.00	pCi/g
CQ40-002	Uranium-235	0	0.5	0.19	1	0.09	8.00	1,900	135.00	24.00	pCi/g
CP40-003	Uranium-234	0	0.5	2.25	8	2	300.00	1,800	1627.00	307.00	pCi/g
CP40-003	Uranium-238	0	0.5	2.25	8	2	351.00	1,600	586.00	103.00	pCi/g
CQ41-000	Uranium-234	0	0.5	5.79	8	2	300.00	1,800	1627.00	307.00	pCi/g
CQ41-000	Uranium-238	0	0.5	5.79	8	2	351.00	1,600	586.00	103.00	pCi/g
CP40-000	Uranium-234	0	0.5	2.07	8	2	300.00	1,800	1627.00	307.00	pCi/g
CP40-000	Uranium-238	0	0.5	2.07	8	2	351.00	1,600	586.00	103.00	pCi/g
CP40-001	Uranium-234	0	0.5	2.99	8	2	300.00	1,800	1627.00	307.00	pCi/g
CP40-001	Uranium-238	0	0.5	2.99	8	2	351.00	1,600	586.00	103.00	pCi/g
CP40-002	Uranium-234	0	0.5	2.12	8	2	300.00	1,800	1627.00	307.00	pCi/g
CP40-002	Uranium-238	0	0.5	2.12	8	2	351.00	1,600	586.00	103.00	pCi/g
CQ40-000	Uranium-234	0	0.5	3.22	8	2	300.00	1,800	1627.00	307.00	pCi/g
CQ40-000	Uranium-238	0	0.5	3.22	8	2	351.00	1,600	586.00	103.00	pCi/g
CQ40-001	Uranium-234	0	0.5	5.06	8	2	300.00	1,800	1627.00	307.00	pCi/g
CQ40-001	Uranium-238	0	0.5	5.06	8	2	351.00	1,600	586.00	103.00	pCi/g
CQ41-009	Xylenes, Total	0	0.5	122.40	11	NA	1,000,000,000.00	—	1,000,000,000.00	1,000,000,000.00	ug/kg
CQ41-011	Xylenes, Total	0	0.5	12.01	11	NA	1,000,000,000.00	—	1,000,000,000.00	1,000,000,000.00	ug/kg
CQ40-002	Zinc	0	0.5	136.00	0.21	73.76	307,000.00	—	576,000.00	576,000.00	mg/kg
CQ40-001	Zinc	0	0.5	266.00	0.21	73.76	307,000.00	—	576,000.00	576,000.00	mg/kg

IHSS 153 Subsurface Soil Wildlife Refuge Worker/Ecological Receptor Action Level Comparison Table

Location	Analyte	Soil Begin Depth (feet)	Soil End Depth (feet)	Result	Detection/ Reporting Limit	Background Mean+2SD	Wildlife Refuge Worker Action Level	Ecological Receptor Action Level	Tier I Action Level	Tier II Action Level	Unit
CP40-003	1,1,1-Trichloroethane	0.5	2.5	28.00	24	NA	79,700,000.00	—	94,800.00	948.00	ug/kg
CQ41-000	1,2-Dichloroethane	0.5	2.5	2.60	1.1	NA	106,000.00	—	668,000.00	6.68	ug/kg
CP40-001	4,4'-DDE	0.5	2.5	1.10	0.37	NA	101,000.00	—	3,840,000.00	38,400.00	ug/kg
CQ40-001	4,4'-DDE	0.5	2.5	2.50	0.35	NA	101,000.00	—	3,840,000.00	38,400.00	ug/kg
CP40-001	4,4'-DDT	0.5	2.5	0.79	0.38	NA	100,000.00	—	2,260,000.00	22,600.00	ug/kg
CP40-003	Acetone	0.5	2.5	590.00	300	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CQ41-010	Acetone	0.5	2.5	5.20	5.1	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CQ40-002	Acetone	0.5	2.5	7.00	5.3	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CQ40-001	Acetone	0.5	2.5	5.90	4.9	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CP40-001	Acetone	0.5	2.5	7.50	5.2	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CQ41-010	Aroclor-1254	0.5	2.5	32.00	4.8	NA	12,400.00	371,000	531,000.00	5,310.00	ug/kg
CQ41-007	Aroclor-1254	0.5	2.5	91.00	4.6	NA	12,400.00	371,000	531,000.00	5,310.00	ug/kg
CQ41-006	Aroclor-1254	0.5	2.5	330.00	5.1	NA	12,400.00	371,000	531,000.00	5,310.00	ug/kg
CP40-000	Aroclor-1254	0.5	2.5	11.00	6.6	NA	12,400.00	371,000	531,000.00	5,310.00	ug/kg
CQ40-001	Aroclor-1254	0.5	2.5	310.00	4.8	NA	12,400.00	371,000	531,000.00	5,310.00	ug/kg
CP41-002	Aroclor-1254	0.5	2.5	290.00	5	NA	12,400.00	371,000	531,000.00	5,310.00	ug/kg
CQ41-000	Aroclor-1254	0.5	2.5	6.70	6.4	NA	12,400.00	371,000	531,000.00	5,310.00	ug/kg
CP40-001	Aroclor-1254	0.5	2.5	180.00	4.9	NA	12,400.00	371,000	531,000.00	5,310.00	ug/kg
CQ41-007	Aroclor-1260	0.5	2.5	38.00	5.2	NA	12,400.00	—	531,000.00	5,310.00	ug/kg
CQ41-006	Aroclor-1260	0.5	2.5	180.00	5.7	NA	12,400.00	—	531,000.00	5,310.00	ug/kg
CP41-002	Aroclor-1260	0.5	2.5	53.00	5.6	NA	12,400.00	—	531,000.00	5,310.00	ug/kg
CQ40-001	Aroclor-1260	0.5	2.5	120.00	5.3	NA	12,400.00	—	531,000.00	5,310.00	ug/kg
CP40-001	Aroclor-1260	0.5	2.5	51.00	5.5	NA	12,400.00	—	531,000.00	5,310.00	ug/kg
CP40-003	Carbon Disulfide	0.5	2.5	27.00	24	NA	15,100,000.00	—	988,000.00	9,880.00	ug/kg
CQ42-001	Carbon Tetrachloride	0.5	2.5	7.38	5.6	NA	81,500.00	—	3,560.00	35.60	ug/kg
CP40-001	Dieldrin	0.5	2.5	1.40	0.62	NA	1,720.00	—	392.00	3.92	ug/kg
CQ40-001	Dieldrin	0.5	2.5	3.20	0.6	NA	1,720.00	—	392.00	3.92	ug/kg
CQ40-001	Endosulfan II	0.5	2.5	0.91	0.73	NA	4,420,000.00	—	1,630,000.00	16,300.00	ug/kg

IHSS 153 Subsurface Soil Wildlife Refuge Worker/Ecological Receptor Action Level Comparison Table

Location	Analyte	Soil Begin Depth (feet)	Soil End Depth (feet)	Result	Detection/ Reporting Limit	Background Mean+2SD	Wildlife Refuge Worker Action Level	Ecological Receptor Action Level	Tier I Action Level	Tier II Action Level	Unit
CQ40-001	Endrin	0.5	2.5	4.50	0.42	NA	221,000.00	—	84,700.00	847.00	ug/kg
CP40-001	Endrin	0.5	2.5	2.80	0.43	NA	221,000.00	—	84,700.00	847.00	ug/kg
CQ41-008	Methylene Chloride	0.5	2.5	1.90	0.81	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CQ41-010	Methylene Chloride	0.5	2.5	3.10	0.89	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CP40-000	Methylene Chloride	0.5	2.5	1.80	0.89	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CQ41-000	Methylene Chloride	0.5	2.5	1.70	0.85	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CQ41-001	Tetrachloroethene	0.5	2.5	189,988.05	15000	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ41-004	Tetrachloroethene	0.5	2.5	65.83	27	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ41-006	Tetrachloroethene	0.5	2.5	11.67	5.9	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ41-005	Tetrachloroethene	0.5	2.5	1,392.07	29	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CP40-003	Tetrachloroethene	0.5	2.5	2,500.00	50	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ41-005	Trichloroethene	0.5	2.5	696.35	29	NA	19,600.00	509,000	3,290.00	32.90	ug/kg
CP40-003	Trichloroethene	0.5	2.5	35.00	30	NA	19,600.00	509,000	3,290.00	32.90	ug/kg
CQ40-000	Uranium-235	0.5	0.5	0.23	1	0.09	8.00	1,900	135.00	24.00	pCi/g
CP40-003	Uranium-235	0.5	0.5	0.19	1	0.09	8.00	1,900	135.00	24.00	pCi/g
CQ40-001	Uranium-235	0.5	4.5	0.15	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CP40-001	Uranium-235	0.5	2.5	0.14	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CQ41-000	Uranium-235	0.5	8	0.17	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CP40-003	Uranium-235	0.5	6.5	0.15	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CQ40-002	Uranium-234	0.5	2.5	1.69	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CQ40-002	Uranium-238	0.5	2.5	1.69	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CQ41-000	Uranium-234	0.5	2.5	2.51	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CQ41-000	Uranium-238	0.5	2.5	2.51	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CP40-003	Uranium-234	0.5	2.5	2.21	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CP40-003	Uranium-238	0.5	2.5	2.21	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CP40-001	Uranium-238	0.5	2.5	4.13	8	1.49	300.00	1,600	1627.00	307.00	pCi/g
CP40-001	Uranium-234	0.5	2.5	4.13	8	1.49	351.00	1,800	586.00	103.00	pCi/g
CP40-000	Uranium-234	0.5	2.5	2.21	8	1.49	300.00	1,800	1627.00	307.00	pCi/g

IHSS 153 Subsurface Soil Wildlife Refuge Worker/Ecological Receptor Action Level Comparison Table

Location	Analyte	Soil Begin Depth (feet)	Soil End Depth (feet)	Result	Detection/ Reporting Limit	Background Mean+2SD	Wildlife Refuge Worker Action Level	Ecological Receptor Action Level	Tier I Action Level	Tier II Action Level	Unit
CP40-000	Uranium-238	0.5	2.5	2.21	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CP40-002	Uranium-234	0.5	2.5	1.60	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CP40-002	Uranium-238	0.5	2.5	1.60	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CQ40-001	Uranium-234	0.5	2.5	2.37	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CQ40-001	Uranium-238	0.5	2.5	2.37	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CQ40-003	Xylenes, Total	0.5	2.5	33.17	11	NA	1,000,000,000.00	—	9,740,000.00	97,400.00	ug/kg
CQ41-005	1,1,1-Trichloroethane	2.5	4.5	686,400.00	50000	NA	79,700,000.00	—	94,800.00	948.00	ug/kg
CP41-RL-	1,1,1-Trichloroethane	2.5	4.5	171.68	5.2	NA	79,700,000.00	—	94,800.00	948.00	ug/kg
CP41-RL-	1,1-Dichloroethene	2.5	4.5	22.88	5.2	NA	17,000.00	—	14,100.00	141.00	ug/kg
CQ41-000	1,2-Dichloroethane	2.5	4.5	4.30	1.1	NA	106,000.00	—	668,000.00	6.68	ug/kg
CQ40-001	Acetone	2.5	4.5	7.90	5	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CP40-001	Acetone	2.5	4.5	8.20	4.8	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CP41-000	Aroclor-1254	2.5	4.5	27.00	4.6	NA	12,400.00	371,000	531,000.00	5,310.00	ug/kg
CQ41-006	Aroclor-1254	2.5	4.5	7.90	4.5	NA	12,400.00	371,000	531,000.00	5,310.00	ug/kg
CQ40-002	Aroclor-1254	2.5	4.5	7.00	5.1	NA	12,400.00	371,000	531,000.00	5,310.00	ug/kg
CQ41-002	Aroclor-1254	2.5	4.5	8.00	5.2	NA	12,400.00	371,000	531,000.00	5,310.00	ug/kg
CQ41-007	Aroclor-1254	2.5	4.5	9.80	4.9	NA	12,400.00	371,000	531,000.00	5,310.00	ug/kg
CP40-003	Bis(2-Ethylhexyl)Phthalate	2.5	4.5	130.00	74	NA	1,970,000.00	—	311,000,000.00	3,110,000.00	ug/kg
CQ41-005	Carbon Tetrachloride	2.5	4.5	55,800.00	50000	NA	81,500.00	—	3,560.00	35.60	ug/kg
CQ41-008	Methylene Chloride	2.5	4.5	2.20	0.82	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CQ41-010	Methylene Chloride	2.5	4.5	2.40	0.86	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CP40-000	Methylene Chloride	2.5	4.5	1.60	0.85	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CQ41-000	Methylene Chloride	2.5	4.5	2.10	0.86	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CQ41-001	Tetrachloroethene	2.5	4.5	846,902.65	29000	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ41-004	Tetrachloroethene	2.5	4.5	437.29	290	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CP41-RL-	Tetrachloroethene	2.5	4.5	118.10	10	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ41-005	Tetrachloroethene	2.5	4.5	27,122,300.0	50000	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ41-005	Trichloroethene	2.5	4.5	3,662,200.00	50000	NA	19,600.00	509,000	3,290.00	32.90	ug/kg

IHSS 153 Subsurface Soil Wildlife Refuge Worker/Ecological Receptor Action Level Comparison Table

Location	Analyte	Soil Begin Depth (feet)	Soil End Depth (feet)	Result	Detection/ Reporting Limit	Background Mean+2SD	Wildlife Refuge Worker Action Level	Ecological Receptor Action Level	Tier I Action Level	Tier II Action Level	Unit
CP41-RL-	Trichloroethene	2.5	4.5	206.78	5.2	NA	19,600.00	509,000	3,290.00	32.90	ug/kg
CQ40-000	Uranium-235	2.5	8	0.13	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CP40-002	Uranium-235	2.5	8.5	0.13	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CQ40-001	Uranium-235	2.5	6.5	0.22	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CP40-002	Uranium-235	2.5	9.5	0.24	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CQ41-000	Uranium-235	2.5	2.5	0.25	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CQ40-002	Uranium-235	2.5	0.5	0.19	1	0.09	8.00	1,900	135.00	24.00	pCi/g
CP40-003	Uranium-234	2.5	4.5	2.87	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CP40-003	Uranium-238	2.5	4.5	2.87	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CP40-001	Uranium-234	2.5	4.5	3.21	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CP40-001	Uranium-238	2.5	4.5	3.21	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CQ40-001	Uranium-234	2.5	4.5	2.80	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CQ40-001	Uranium-238	2.5	4.5	2.80	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CQ41-000	Uranium-234	2.5	4.5	2.84	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CQ41-000	Uranium-238	2.5	4.5	2.84	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CP40-000	Uranium-234	2.5	4.5	2.27	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CP40-000	Uranium-238	2.5	4.5	2.27	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CQ40-000	Uranium-234	2.5	4.5	2.90	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CQ40-000	Uranium-238	2.5	4.5	2.90	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CQ41-000	1,1,1-Trichloroethane	4.5	6.5	100.00	22	NA	79,700,000.00	—	94,800.00	948.00	ug/kg
CP41-RL-	1,1,1-Trichloroethane	4.5	5.5	12.20	5.6	NA	79,700,000.00	—	94,800.00	948.00	ug/kg
CQ41-005	1,1,1-Trichloroethane	4.5	6.5	207,000.00	100000	NA	79,700,000.00	—	94,800.00	948.00	ug/kg
CP40-003	1,1,1-Trichloroethane	4.5	6.5	78.00	25	NA	79,700,000.00	—	94,800.00	948.00	ug/kg
CP40-003	1,2-Dichloroethane	4.5	6.5	35.00	26	NA	106,000.00	—	668,000.00	6.68	ug/kg
CQ40-001	Acetone	4.5	6.5	6.90	4.8	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CQ40-002	Acetone	4.5	6.5	11.00	5.3	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CP40-001	Acetone	4.5	6.5	9.40	5	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CP40-003	Acetone	4.5	6.5	17,000.00	310	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg

IHSS 153 Subsurface Soil Wildlife Refuge Worker/Ecological Receptor Action Level Comparison Table

Location	Analyte	Soil Begin Depth (feet)	Soil End Depth (feet)	Result	Detection/ Reporting Limit	Background Mean+2SD	Wildlife Refuge Worker Action Level	Ecological Receptor Action Level	Tier I Action Level	Tier II Action Level	Unit
CQ41-000	Acetone	4.5	6.5	730.00	280	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CQ41-006	Aroclor-1254	4.5	6.5	6.20	4.8	NA	12,400.00	371,000	531,000.00	5,310.00	ug/kg
CQ41-002	Aroclor-1254	4.5	5.6	15.00	5	NA	12,400.00	371,000	531,000.00	5,310.00	ug/kg
CP41-000	Aroclor-1254	4.5	5.7	37.00	4.9	NA	12,400.00	371,000	531,000.00	5,310.00	ug/kg
CP40-003	Aroclor-1254	4.5	6.5	110.00	7.3	NA	12,400.00	371,000	531,000.00	5,310.00	ug/kg
CP40-003	Arsenic	4.5	6.5	14.90	0.67	13.14	22.20	2.16	299.00	2.99	mg/kg
CQ41-000	Chloroform	4.5	6.5	270.00	22	NA	19,200.00	—	21,400.00	214.00	ug/kg
CQ41-010	Methylene Chloride	4.5	6.5	2.90	0.94	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CQ41-008	Methylene Chloride	4.5	6.5	3.00	1	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CP40-000	Methylene Chloride	4.5	6.5	1.90	0.93	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CQ41-012	Tetrachloroethene	4.5	6.5	7.41	5.5	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CP41-RL-	Tetrachloroethene	4.5	5.5	13.59	5.6	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ41-005	Tetrachloroethene	4.5	6.5	11,358,000.0	100000	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ40-003	Tetrachloroethene	4.5	6.5	13.57	5.6	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ41-006	Tetrachloroethene	4.5	6.5	6.72	5.4	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ41-001	Tetrachloroethene	4.5	5.8	27,603.63	11000	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ41-000	Tetrachloroethene	4.5	6.5	240.00	47	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CP40-003	Tetrachloroethene	4.5	6.5	11,000.00	52	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CP41-RL-	Trichloroethene	4.5	5.5	11.79	5.6	NA	19,600.00	509,000	3,290.00	32.90	ug/kg
CQ41-006	Trichloroethene	4.5	6.5	5.99	5.4	NA	19,600.00	509,000	3,290.00	32.90	ug/kg
CQ41-005	Trichloroethene	4.5	6.5	1,381,000.00	100000	NA	19,600.00	509,000	3,290.00	32.90	ug/kg
CQ41-000	Trichloroethene	4.5	6.5	260.00	29	NA	19,600.00	509,000	3,290.00	32.90	ug/kg
CP40-003	Trichloroethene	4.5	6.5	150.00	32	NA	19,600.00	509,000	3,290.00	32.90	ug/kg
CP40-002	Uranium-235	4.5	6.5	0.19	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CP40-002	Uranium-235	4.5	0.5	0.17	1	0.09	8.00	1,900	135.00	24.00	pCi/g
CQ40-002	Uranium-235	4.5	8.5	0.13	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CQ40-001	Uranium-235	4.5	0.5	0.27	1	0.09	8.00	1,900	135.00	24.00	pCi/g
CQ41-000	Uranium-235	4.5	6.5	0.15	1	0.12	8.00	1,900	135.00	24.00	pCi/g

IHSS 153 Subsurface Soil Wildlife Refuge Worker/Ecological Receptor Action Level Comparison Table

Location	Analyte	Soil Begin Depth (feet)	Soil End Depth (feet)	Result	Detection/ Reporting Limit	Background Mean+2SD	Wildlife Refuge Worker Action Level	Ecological Receptor Action Level	Tier I Action Level	Tier II Action Level	Unit
CP40-003	Uranium-235	4.5	4.5	0.23	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CP40-001	Uranium-235	4.5	4.5	0.14	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CQ40-001	Uranium-234	4.5	6.5	4.81	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CQ40-001	Uranium-238	4.5	6.5	4.81	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CP40-003	Uranium-234	4.5	6.5	1.76	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CP40-003	Uranium-238	4.5	6.5	1.76	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CQ41-000	Uranium-234	4.5	6.5	5.16	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CQ41-000	Uranium-238	4.5	6.5	5.16	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CP40-000	Uranium-234	4.5	6.5	2.33	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CP40-000	Uranium-238	4.5	6.5	2.33	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CP40-001	Uranium-234	4.5	6.5	3.57	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CP40-001	Uranium-238	4.5	6.5	3.57	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CQ40-000	Uranium-234	4.5	6.5	2.47	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CQ40-000	Uranium-238	4.5	6.5	2.47	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CP40-003	Vanadium	4.5	6.5	92.40	0.28	88.49	7,150.00	433	13,400.00	13,400.00	mg/kg
CQ41-000	1,2,4-Trichlorobenzene	6.5	8	2,000.00	21	NA	9,230,000.00	—	433,000.00	4,330.00	ug/kg
CQ41-000	1,2,4-Trichlorobenzene	6.5	8	640.00	68	NA	9,230,000.00	—	433,000.00	4,330.00	ug/kg
CQ40-002	Acetone	6.5	8.5	7.30	5	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CQ41-003	Aroclor-1254	6.5	8.5	140.00	5.5	NA	12,400.00	371,000	531,000.00	5,310.00	ug/kg
CQ41-004	Aroclor-1254	6.5	8.5	97.00	5.2	NA	12,400.00	371,000	531,000.00	5,310.00	ug/kg
CQ41-004	Aroclor-1260	6.5	8.5	43.00	5.8	NA	12,400.00	—	531,000.00	5,310.00	ug/kg
CQ41-000	Bis(2-Ethylhexyl)Phthalate	6.5	8	82.00	74	NA	1,970,000.00	—	311,000,000.00	3,110,000.00	ug/kg
CQ41-008	Methylene Chloride	6.5	8	2.70	0.95	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CQ41-010	Methylene Chloride	6.5	8.5	2.30	0.86	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CQ41-012	Tetrachloroethene	6.5	8.5	346.56	130	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ41-011	Tetrachloroethene	6.5	8.5	107.80	6.2	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ41-008	Tetrachloroethene	6.5	8	38.00	1.2	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ41-005	Tetrachloroethene	6.5	8.5	1,322,600.00	100000	NA	615,000.00	37,500	3,150.00	31.50	ug/kg

IHSS 153 Subsurface Soil Wildlife Refuge Worker/Ecological Receptor Action Level Comparison Table

Location	Analyte	Soil Begin Depth (feet)	Soil End Depth (feet)	Result	Detection/ Reporting Limit	Background Mean+2SD	Wildlife Refuge Worker Action Level	Ecological Receptor Action Level	Tier I Action Level	Tier II Action Level	Unit
CQ41-006	Tetrachloroethene	6.5	8.5	22.82	5.8	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ41-003	Tetrachloroethene	6.5	8.5	15.85	6.8	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ41-005	Trichloroethene	6.5	8.5	122,000.00	100000	NA	19,600.00	509,000	3,290.00	32.90	ug/kg
CQ41-011	Trichloroethene	6.5	8.5	93.58	6.2	NA	19,600.00	509,000	3,290.00	32.90	ug/kg
CQ41-008	Trichloroethene	6.5	8	10.00	1	NA	19,600.00	509,000	3,290.00	32.90	ug/kg
CQ41-006	Trichloroethene	6.5	8.5	14.43	5.8	NA	19,600.00	509,00	3,290.00	32.90	ug/kg
CQ40-000	Uranium-235	6.5	6.5	0.25	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CQ40-000	Uranium-235	6.5	2.5	0.22	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CQ40-001	Uranium-235	6.5	8.5	0.18	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CP40-000	Uranium-235	6.5	4.5	0.18	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CQ40-002	Uranium-235	6.5	6.5	0.15	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CQ41-000	Uranium-234	6.5	8	1.52	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CQ41-000	Uranium-238	6.5	8	1.52	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CQ40-001	Uranium-234	6.5	8.5	4.05	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CQ40-001	Uranium-238	6.5	8.5	4.05	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CP40-003	Uranium-234	6.5	7.7	1.91	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CP40-003	Uranium-238	6.5	7.7	1.91	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CP40-002	Uranium-234	6.5	8.5	2.31	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CP40-002	Uranium-238	6.5	8.5	2.31	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CQ41-008	Methylene Chloride	8	8.5	2.60	0.93	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CQ41-009	Tetrachloroethene	8	8.5	38.25	28	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ41-008	Tetrachloroethene	8	8.5	11.00	1.2	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ41-008	Trichloroethene	8	8.5	3.40	1	NA	19,600.00	509,000	3,290.00	32.90	ug/kg
CQ41-007	1,1-Dichloroethene	8.5	10.5	61.97	30	NA	17,000.00	—	14,100.00	141.00	ug/kg
CQ41-010	1,2,4-Trichlorobenzene	8.5	9.5	17.00	0.82	NA	9,230,000.00	—	433,000.00	4,330.00	ug/kg
CQ40-001	Acetone	8.5	10.5	5.40	5	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CP41-001	Carbon Tetrachloride	8.5	10.5	10.69	6	NA	81,500.00	—	3,560.00	35.60	ug/kg
CQ41-007	Chloroform	8.5	10.5	40.16	30	NA	19,200.00	—	21,400.00	214.00	ug/kg

IHSS 153 Subsurface Soil Wildlife Refuge Worker/Ecological Receptor Action Level Comparison Table

Location	Analyte	Soil Begin Depth (feet)	Soil End Depth (feet)	Result	Detection/ Reporting Limit	Background Mean+2SD	Wildlife Refuge Worker Action Level	Ecological Receptor Action Level	Tier I Action Level	Tier II Action Level	Unit
CQ41-010	Methylene Chloride	8.5	9.5	2.80	0.93	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CQ41-012	Tetrachloroethene	8.5	9	2,997.42	150	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ41-010	Tetrachloroethene	8.5	9.5	550.00	1.1	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ41-007	Tetrachloroethene	8.5	10.5	644.90	30	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ41-005	Tetrachloroethene	8.5	10.5	1,866,800.00	100000	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ41-003	Tetrachloroethene	8.5	10.5	2,027.58	16	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ41-006	Tetrachloroethene	8.5	9.2	2.99	2.9	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CQ41-005	Trichloroethene	8.5	10.5	158,200.00	100000	NA	19,600.00	509,000	3,290.00	32.90	ug/kg
CQ41-007	Trichloroethene	8.5	10.5	1,058.58	30	NA	19,600.00	509,000	3,290.00	32.90	ug/kg
CQ41-006	Trichloroethene	8.5	9.2	3.12	2.9	NA	19,600.00	509,000	3,290.00	32.90	ug/kg
CQ41-010	Trichloroethene	8.5	9.5	2.10	1	NA	19,600.00	509,000	3,290.00	32.90	ug/kg
CP41-001	Trichloroethene	8.5	10.5	6.32	6	NA	19,600.00	509,000	3,290.00	32.90	ug/kg
CQ41-012	Trichloroethene	8.5	9	1,948.56	150	NA	19,600.00	509,000	3,290.00	32.90	ug/kg
CP40-000	Uranium-235	8.5	2.5	0.22	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CQ40-001	Uranium-234	8.5	10.5	2.45	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CQ40-001	Uranium-238	8.5	10.5	2.45	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CP40-002	Uranium-234	8.5	9.5	3.08	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CP40-002	Uranium-238	8.5	9.5	3.08	8	1.49	351.00	1,600	586.00	103.00	pCi/g

IHSS 154 Surface Soil Wildlife Refuge Worker Action Level Comparison

Location	Analyte	Soil Begin Depth (feet)	Soil End Depth (feet)	Result	Detection/ Reporting Limit	Background Mean+2SD	Wildlife Refuge Worker Action Level	Ecological Receptor Action Level	Tier I Action Level	Tier II Action Level	Unit
CN40-000	4,4'-DDE	0	0.5	0.60	0.37	NA	101,000.00	—	1,320,000.00	13,200.00	ug/kg
CN40-000	Aluminum	0	0.5	18,100.00	2	16902	228,000.00	—	1,000,000.00	1,000,000.00	mg/kg
CN40-001	Aluminum	0	0.5	21,700.00	2	16902	228,000.00	—	1,000,000.00	1,000,000.00	mg/kg
CN40-001	Aroclor-1260	0	0.5	10.00	5.3	NA	12,400.00	—	224,000.00	2,240.00	ug/kg
CO40-003	Aroclor-1260	0	0.5	9.00	5.9	NA	12,400.00	—	224,000.00	2,240.00	ug/kg
CO40-001	Aroclor-1260	0	0.5	16.00	5.4	NA	12,400.00	—	224,000.00	2,240.00	ug/kg
CN40-000	Aroclor-1260	0	0.5	63.00	5.5	NA	12,400.00	—	224,000.00	2,240.00	ug/kg
CN40-000	Barium	0	0.5	154.00	0.042	141.26	26,400.00	—	133,000.00	133,000.00	mg/kg
CN40-001	Lithium	0	0.5	13.20	0.27	11.55	20,400.00	—	38,400.00	38,400.00	mg/kg
CO40-003	Lithium	0	0.5	12.60	0.28	11.55	20,400.00	—	38,400.00	38,400.00	mg/kg
CO40-000	Methoxychlor	0	0.5	0.75	0.19	NA	5,110,000.00	—	9,610,000.00	9,610,000.00	ug/kg
CN40-001	Molybdenum	0	0.5	0.17	0.15	NA	5,110.00	—	9,610.00	9,610.00	mg/kg
CN40-000	Nickel	0	0.5	15.80	0.7	14.91	20,400.00	—	38,400.00	38,400.00	mg/kg
CN40-001	Nickel	0	0.5	15.50	0.48	14.91	20,400.00	—	38,400.00	38,400.00	mg/kg
CO40-001	Strontium	0	0.5	81.90	0.017	48.94	613,000.00	—	1,000,000.00	1,000,000.00	mg/kg
CN40-001	Strontium	0	0.5	60.40	0.017	48.94	613,000.00	—	1,000,000.00	1,000,000.00	mg/kg
CO40-003	Strontium	0	0.5	156.00	0.007	48.94	613,000.00	—	1,000,000.00	1,000,000.00	mg/kg
CO40-000	Strontium	0	0.5	64.30	0.0067	48.94	613,000.00	—	1,000,000.00	1,000,000.00	mg/kg
CN40-000	Strontium	0	0.5	62.90	0.0067	48.94	613,000.00	—	1,000,000.00	1,000,000.00	mg/kg
CO40-002	Strontium	0	0.5	68.20	0.017	48.94	613,000.00	—	1,000,000.00	1,000,000.00	mg/kg
CO40-003	Tin	0	0.5	1.60	0.44	NA	613,000.00	—	1,000,000.00	1,000,000.00	mg/kg
CN40-000	Tin	0	0.5	1.30	0.42	NA	613,000.00	—	1,000,000.00	1,000,000.00	mg/kg
CO40-002	Tin	0	0.5	1.20	0.31	NA	613,000.00	—	1,000,000.00	1,000,000.00	mg/kg
CN40-001	Tin	0	0.5	1.80	0.31	NA	613,000.00	—	1,000,000.00	1,000,000.00	mg/kg
CO40-000	Tin	0	0.5	1.40	0.42	NA	613,000.00	—	1,000,000.00	1,000,000.00	mg/kg
CO40-001	Tin	0	0.5	0.75	0.32	NA	613,000.00	—	1,000,000.00	1,000,000.00	mg/kg
CO40-001	Uranium-235	0	0.5	0.22	1	0.09	8.00	1,900	135.00	24.00	pCi/g
CN40-001	Uranium-235	0	0.5	0.27	1	0.09	8.00	1,900	135.00	24.00	pCi/g
CN40-000	Uranium-235	0	0.5	0.20	1	0.09	8.00	1,900	135.00	24.00	pCi/g
CO40-002	Uranium-235	0	0.5	0.16	1	0.09	8.00	1,900	135.00	24.00	pCi/g
CO40-003	Uranium-235	0	0.5	0.20	1	0.09	8.00	1,900	135.00	24.00	pCi/g

IHSS 154 Surface Soil Wildlife Refuge Worker Action Level Comparison

Location	Analyte	Soil Begin Depth (feet)	Soil End Depth (feet)	Result	Detection/ Reporting Limit	Background Mean+2SD	Wildlife Refuge Worker Action Level	Ecological Receptor Action Level	Tier I Action Level	Tier II Action Level	Unit
CO40-003	Uranium-234	0	0.5	2.38	8	2	300.00	1,800	1627.00	307.00	pCi/g
CO40-003	Uranium-238	0	0.5	2.38	8	2	351.00	1,600	586.00	103.00	pCi/g
CO40-001	Uranium-234	0	0.5	2.53	8	2	300.00	1,800	1627.00	307.00	pCi/g
CO40-001	Uranium-238	0	0.5	2.53	8	2	351.00	1,600	586.00	103.00	pCi/g
CO40-000	Uranium-234	0	0.5	2.78	8	2	300.00	1,800	1627.00	307.00	pCi/g
CO40-000	Uranium-238	0	0.5	2.78	8	2	351.00	1,600	586.00	103.00	pCi/g
CN40-000	Vanadium	0	0.5	49.00	0.27	45.59	7,150.00	433	13,400.00	13,400.00	mg/kg
CN40-001	Vanadium	0	0.5	46.90	0.34	45.59	7,150.00	433	13,400.00	13,400.00	mg/kg
CO40-000	Vanadium	0	0.5	53.20	0.27	45.59	7,150.00	433	13,400.00	13,400.00	mg/kg

IHSS 154 Subsurface Soil Wildlife Refuge Worker Action Level Comparison

Location	Analyte	Soil Begin Depth (feet)	Soil End Depth (feet)	Result	Detection/ Reporting Limit	Background Mean+2SD	Wildlife Refuge Worker Action Level	Ecological Receptor Action Level	Tier I Action Level	Tier II Action Level	Unit
CO40-000	Acetone	0.5	2.5	6.50	5.4	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CO40-002	Acetone	0.5	2.5	10.00	5.6	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CN40-001	Acetone	0.5	2.5	5.70	5	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CO40-001	Copper	0.5	2.5	39.90	0.21	38.21	40,900.00	—	71,100.00	71,100.00	mg/kg
CN40-001	Methylene Chloride	0.5	2.5	1.20	0.87	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CO40-001	Methylene Chloride	0.5	2.5	0.99	0.9	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CO40-002	Methylene Chloride	0.5	2.5	1.30	0.97	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CN40-000	Methylene Chloride	0.5	2.5	1.60	0.91	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CO40-000	Methylene Chloride	0.5	2.5	1.10	0.93	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CO40-003	Methylene Chloride	0.5	2.5	1.70	0.9	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CO40-001	Tetrachloroethene	0.5	2.5	1.50	1.1	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CO40-001	Uranium-235	0.5	2.5	0.15	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CN40-000	Uranium-235	0.5	2.5	0.18	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CO40-002	Uranium-235	0.5	2.5	0.16	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CN40-001	Uranium-235	0.5	2.5	0.17	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CO40-003	Uranium-235	0.5	2.5	0.16	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CO40-001	Uranium-234	0.5	2.5	2.12	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CO40-001	Uranium-238	0.5	2.5	2.12	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CO40-002	Uranium-234	0.5	2.5	1.93	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CO40-002	Uranium-238	0.5	2.5	1.93	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CO40-000	Uranium-234	0.5	2.5	2.07	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CO40-000	Uranium-238	0.5	2.5	2.07	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CO40-000	Acetone	2.5	4.5	11.00	5.6	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CO40-002	Acetone	2.5	4.5	12.00	5.4	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CO40-001	Acetone	2.5	4.5	6.40	5.3	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CO40-003	Arsenic	2.5	4.5	18.90	0.69	13.14	22.20	2.16	299.00	2.99	mg/kg
CN40-001	Methylene Chloride	2.5	4.5	1.40	0.99	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CO40-001	Methylene Chloride	2.5	4.5	1.40	0.91	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CO40-002	Methylene Chloride	2.5	4.5	1.10	0.94	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CO40-000	Methylene Chloride	2.5	4.5	1.10	0.97	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CN40-000	Methylene Chloride	2.5	4.5	1.70	0.94	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg

IHSS 154 Subsurface Soil Wildlife Refuge Worker Action Level Comparison

Location	Analyte	Soil Begin Depth (feet)	Soil End Depth (feet)	Result	Detection/ Reporting Limit	Background Mean+2SD	Wildlife Refuge Worker Action Level	Ecological Receptor Action Level	Tier I Action Level	Tier II Action Level	Unit
CO40-003	Methylene Chloride	2.5	4.5	1.40	0.98	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CO40-001	Uranium-235	2.5	4.5	0.23	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CN40-000	Uranium-235	2.5	4.5	0.15	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CO40-000	Uranium-235	2.5	4.5	0.13	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CN40-000	Uranium-235	2.5	4.5	0.16	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CO40-003	Uranium-234	2.5	4.5	2.43	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CO40-003	Uranium-238	2.5	4.5	2.43	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CN40-001	Uranium-234	2.5	4.5	3.05	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CN40-001	Uranium-238	2.5	4.5	3.05	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CO40-002	Uranium-234	2.5	4.5	3.23	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CO40-002	Uranium-238	2.5	4.5	3.23	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CO40-000	Uranium-234	2.5	4.5	1.72	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CO40-000	Uranium-238	2.5	4.5	1.72	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CN40-000	Uranium-234	2.5	4.5	2.07	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CN40-000	Uranium-238	2.5	4.5	2.07	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CN40-000	Uranium-234	2.5	4.5	2.14	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CN40-000	Uranium-238	2.5	4.5	2.14	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CO40-000	Acetone	4.5	6.5	13.00	5.7	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CO40-002	Acetone	4.5	6.5	7.60	5.6	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CN40-001	Arsenic	4.5	6.5	55.10	0.44	13.14	22.20	2.16	299.00	2.99	mg/kg
CO40-000	Arsenic	4.5	6.5	24.10	0.65	13.14	22.20	2.16	299.00	2.99	mg/kg
CO40-001	Methoxychlor	4.5	6.5	0.44	0.21	NA	5,110,000.00	—	13,400,000.00	134,000.00	ug/kg
CO40-000	Methoxychlor	4.5	6.5	0.26	0.2	NA	5,110,000.00	—	13,400,000.00	134,000.00	ug/kg
CO40-002	Methoxychlor	4.5	6.5	0.39	0.2	NA	5,110,000.00	—	13,400,000.00	134,000.00	ug/kg
CN40-001	Methylene Chloride	4.5	6.5	1.30	0.91	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CO40-001	Methylene Chloride	4.5	6.5	1.50	0.99	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CO40-002	Methylene Chloride	4.5	6.5	1.10	0.97	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CO40-000	Methylene Chloride	4.5	6.5	1.20	0.98	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CO40-003	Methylene Chloride	4.5	6.5	1.30	1	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CN40-001	Tetrachloroethene	4.5	6.5	1.40	1.1	NA	615,000.00	37,500	3,150.00	31.50	ug/kg
CN40-000	Uranium-235	4.5	6.5	0.28	1	0.12	8.00	1,900	135.00	24.00	pCi/g

IHSS 154 Subsurface Soil Wildlife Refuge Worker Action Level Comparison

Location	Analyte	Soil Begin Depth (feet)	Soil End Depth (feet)	Result	Detection/ Reporting Limit	Background Mean+2SD	Wildlife Refuge Worker Action Level	Ecological Receptor Action Level	Tier I Action Level	Tier II Action Level	Unit
CO40-001	Uranium-235	4.5	6.5	0.16	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CO40-003	Uranium-235	4.5	6.5	0.26	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CN40-001	Uranium-235	4.5	6.5	0.19	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CO40-002	Uranium-234	4.5	6.5	1.64	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CO40-002	Uranium-238	4.5	6.5	1.64	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CN40-001	Uranium-234	4.5	6.5	2.07	8	1.49	300.00	1,600	1627.00	307.00	pCi/g
CN40-001	Uranium-238	4.5	6.5	2.07	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CN40-000	Uranium-234	4.5	6.5	3.13	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CN40-000	Uranium-238	4.5	6.5	3.13	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CO40-000	Vanadium	4.5	6.5	128.00	0.27	88.49	7,150.00	433	13,400.00	13,400.00	mg/kg
CO40-003	Acetone	6.5	8	15.00	5.4	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CO40-003	Methylene Chloride	6.5	8	1.20	0.94	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CO40-003	Uranium-235	6.5	8	0.13	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CO40-003	Uranium-234	6.5	8	1.93	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CO40-003	Uranium-238	6.5	8	1.93	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CO40-000	Acetone	6.8	8.5	9.90	5.5	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CN40-000	Acetone	6.5	8.5	21.00	5.2	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CN40-001	Arsenic	6.5	8.5	15.30	0.43	13.14	22.20	2.15	299.00	2.99	mg/kg
CO40-000	Methoxychlor	6.5	8.5	0.47	0.2	NA	5,110,000.00	—	13,400,000.00	134,000.00	ug/kg
CN40-001	Methylene Chloride	6.5	8.5	1.10	0.89	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CO40-001	Methylene Chloride	6.5	8.5	1.00	0.9	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CO40-000	Methylene Chloride	6.8	8.5	1.20	0.96	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CN40-000	Methylene Chloride	6.5	8.5	2.20	0.91	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CN40-000	Methylene Chloride	4.5	8.5	1.70	0.93	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CN40-000	Uranium-235	6.5	8.5	0.24	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CO40-001	Uranium-235	6.5	8.5	0.26	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CO40-002	Uranium-234	6.5	8.5	2.57	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CO40-002	Uranium-238	6.5	8.5	2.57	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CO40-001	Uranium-234	6.5	8.5	1.59	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CO40-001	Uranium-238	6.5	8.5	1.59	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CN40-001	Uranium-234	6.5	8.5	1.53	8	1.49	300.00	1,800	1627.00	307.00	pCi/g

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IHSS 154 Subsurface Soil Wildlife Refuge Worker Action Level Comparison

Location	Analyte	Soil Begin Depth (feet)	Soil End Depth (feet)	Result	Detection/ Reporting Limit	Background Mean+2SD	Wildlife Refuge Worker Action Level	Ecological Receptor Action Level	Tier I Action Level	Tier II Action Level	Unit
CN40-001	Uranium-238	6.5	8.5	1.53	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CO40-000	Uranium-234	8.5	8.5	2.49	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CO40-000	Uranium-238	8.5	8.5	2.49	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CO40-000	Uranium-234	6.5	8.5	2.22	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CO40-000	Uranium-238	6.5	8.5	2.22	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CN40-000	Uranium-234	6.5	8.5	2.17	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CN40-000	Uranium-238	6.5	8.5	2.17	8	1.49	351.00	1,600	586.00	103.00	pCi/g
CN40-000	Acetone	8.5	10.5	12.00	5.3	NA	102,000,000.00	211000.00	27,200,000.00	272,000.00	ug/kg
CN40-001	Methylene Chloride	8.5	10.5	1.00	0.87	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CN40-000	Methylene Chloride	8.5	10.5	1.40	0.92	NA	2,530,000.00	39500.00	578.00	5.78	ug/kg
CN40-001	Uranium-235	8.5	10.5	0.13	1	0.12	8.00	1,900	135.00	24.00	pCi/g
CN40-000	Uranium-234	8.5	10.5	2.03	8	1.49	300.00	1,800	1627.00	307.00	pCi/g
CN40-000	Uranium-238	8.5	10.5	2.03	8	1.49	351.00	1,600	586.00	103.00	pCi/g

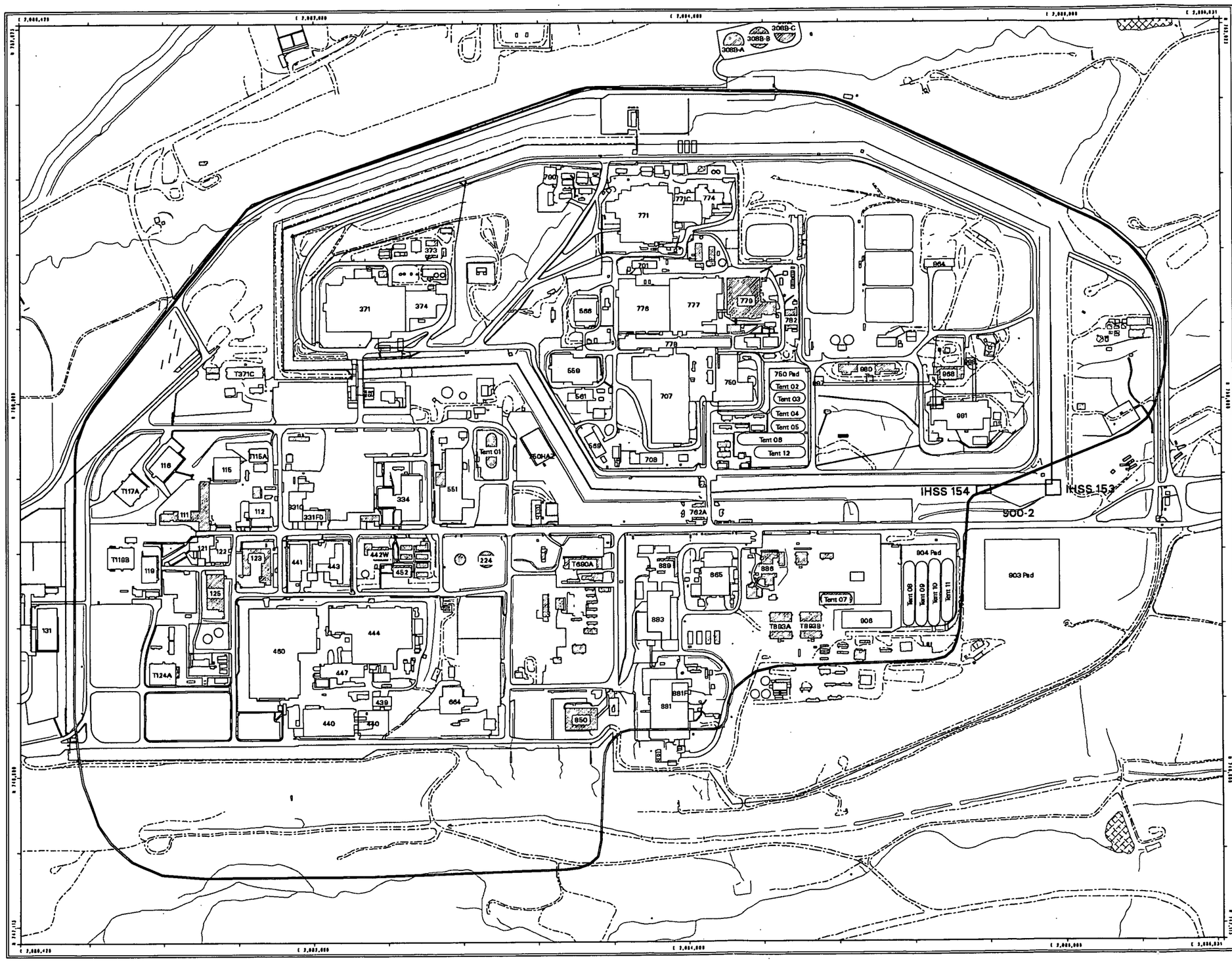

Figure 1

IHSS Group 900-2 Location Map

EXPLANATION

IHSS Groupings

- 900-2

Standard Map Features

- Buildings and other structures
- Demolished buildings
- Lakes and ponds
- Streams, ditches, or other drainage features
- Fences and other barriers
- Paved roads
- Dirt roads
- Solar Evaporation Ponds (SEPs)
- Industrial Area Operable Unit Boundary

DATA SOURCE BASE FEATURES:
PACs
Historical Release Report (HRR)
2nd Annual Update
Sept. 30, 1997
Individual Hazardous Substance Sites (IHSS)
D.O.E. 1992, HRR Report and Subsequent Updates.
Buildings, fences, hydrography, roads and other structures from 1994 aerial fly-over data captured by EG&G RSL, Las Vegas.
Digitized from the orthophotographs. 1/95

Scale = 1 : 6330
1 inch represents approximately 528 feet

150 0 300 600ft

State Plane Coordinate Projection
Colorado Central Zone
Datum: NAD27

U.S. Department of Energy
Rocky Flats Environmental Technology Site

GIS Dept. 303-966-7707

Prepared by:
DynCorp
THE ART OF TECHNOLOGY

Prepared for:
KAISER-HILL COMPANY

November 20, 2002

NT_Svr w:/projects/er/fy03/ias/900-2/data_summary_reports/ia_group_900-2.aml

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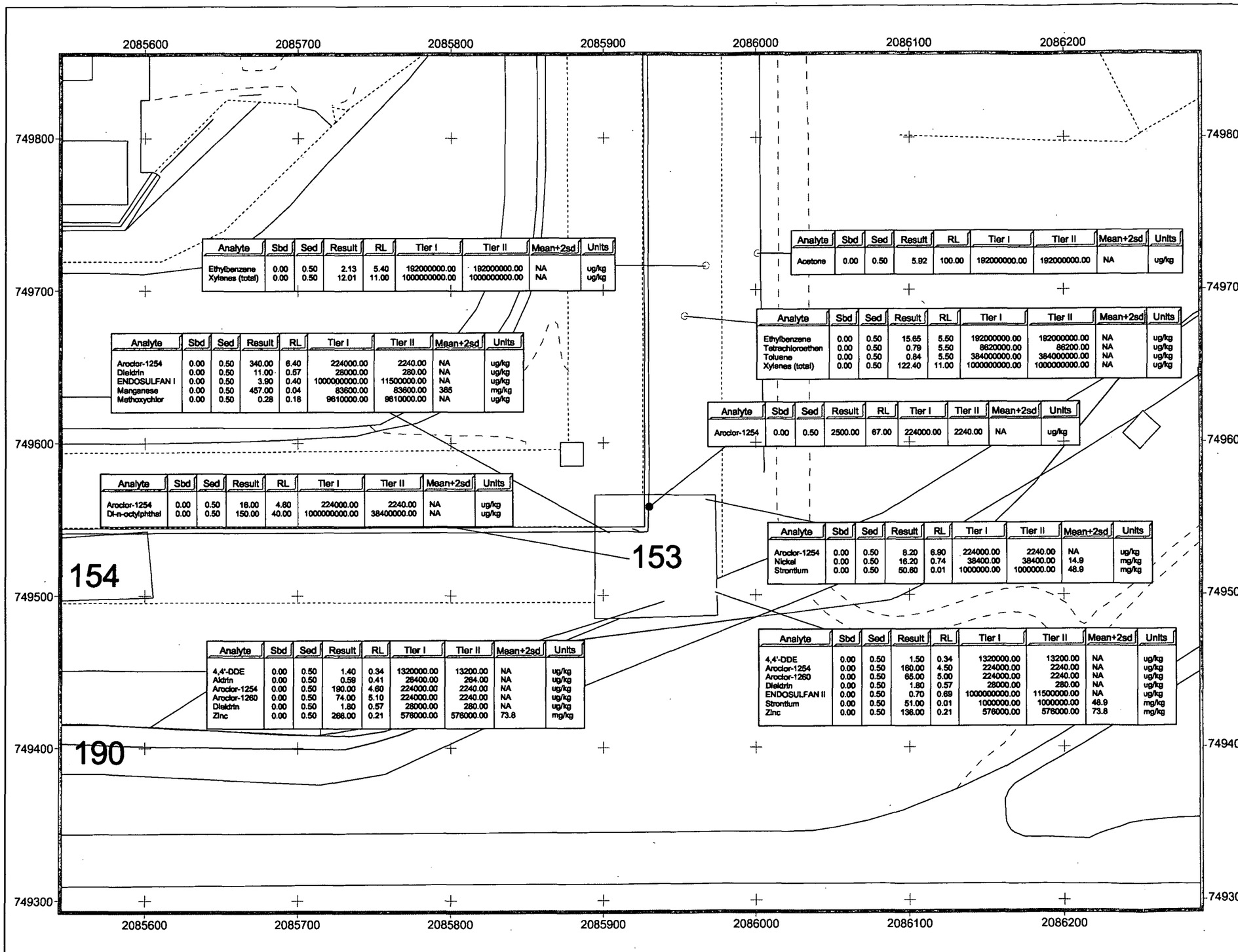
Figure 2
IHSS 153 Surface Soil Results Greater Than Background or Detection/Reporting Limits



Analyte	Sbd	Sed	Result	RL	Tier I	Tier II	Mean+2sd	Units
Ethylbenzene	0.00	0.50	2.13	5.40	192000000.00	192000000.00	NA	ug/kg
Xylenes (total)	0.00	0.50	12.01	11.00	1000000000.00	1000000000.00	NA	ug/kg

Analyte	Sbd	Sed	Result	RL	Tier I	Tier II	Mean+2sd	Units
Aroclor-1254	0.00	0.50	340.00	6.40	224000.00	2240.00	NA	ug/kg
Dieldrin	0.00	0.50	11.00	0.57	28000.00	280.00	NA	ug/kg
ENDOSULFAN I	0.00	0.50	3.90	0.40	1000000000.00	11500000.00	NA	ug/kg
Manganese	0.00	0.50	457.00	0.04	83600.00	83600.00	365	mg/kg
Methoxychlor	0.00	0.50	0.28	0.18	9610000.00	9610000.00	NA	ug/kg

Analyte	Sbd	Sed	Result	RL	Tier I	Tier II	Mean+2sd	Units
Aroclor-1254	0.00	0.50	16.00	4.60	224000.00	2240.00	NA	ug/kg
Di-n-octylphthal	0.00	0.50	150.00	40.00	1000000000.00	38400000.00	NA	ug/kg

Analyte	Sbd	Sed	Result	RL	Tier I	Tier II	Mean+2sd	Units
4,4'-DDE	0.00	0.50	1.40	0.34	1320000.00	13200.00	NA	ug/kg
Aldrin	0.00	0.50	0.59	0.41	26400.00	264.00	NA	ug/kg
Aroclor-1254	0.00	0.50	190.00	4.60	224000.00	2240.00	NA	ug/kg
Aroclor-1260	0.00	0.50	74.00	5.10	224000.00	2240.00	NA	ug/kg
Dieldrin	0.00	0.50	1.80	0.57	28000.00	280.00	NA	ug/kg
Zinc	0.00	0.50	268.00	0.21	576000.00	576000.00	73.8	mg/kg

Analyte	Sbd	Sed	Result	RL	Tier I	Tier II	Mean+2sd	Units
Acetone	0.00	0.50	5.92	100.00	192000000.00	192000000.00	NA	ug/kg

Analyte	Sbd	Sed	Result	RL	Tier I	Tier II	Mean+2sd	Units
Ethylbenzene	0.00	0.50	15.65	5.50	192000000.00	192000000.00	NA	ug/kg
Tetrachloroethen	0.00	0.50	0.79	5.50	8620000.00	86200.00	NA	ug/kg
Toluene	0.00	0.50	0.84	5.50	384000000.00	384000000.00	NA	ug/kg
Xylenes (total)	0.00	0.50	122.40	11.00	1000000000.00	1000000000.00	NA	ug/kg

Analyte	Sbd	Sed	Result	RL	Tier I	Tier II	Mean+2sd	Units
Aroclor-1254	0.00	0.50	2500.00	67.00	224000.00	2240.00	NA	ug/kg

Analyte	Sbd	Sed	Result	RL	Tier I	Tier II	Mean+2sd	Units
Aroclor-1254	0.00	0.50	8.20	6.80	224000.00	2240.00	NA	ug/kg
Nickel	0.00	0.50	16.20	0.74	38400.00	38400.00	14.9	mg/kg
Strontium	0.00	0.50	50.60	0.01	1000000.00	1000000.00	48.9	mg/kg

Analyte	Sbd	Sed	Result	RL	Tier I	Tier II	Mean+2sd	Units
4,4'-DDE	0.00	0.50	1.50	0.34	1320000.00	13200.00	NA	ug/kg
Aroclor-1254	0.00	0.50	160.00	4.50	224000.00	2240.00	NA	ug/kg
Aroclor-1260	0.00	0.50	65.00	5.00	224000.00	2240.00	NA	ug/kg
Dieldrin	0.00	0.50	1.60	0.57	28000.00	280.00	NA	ug/kg
ENDOSULFAN II	0.00	0.50	0.70	0.69	1000000000.00	11500000.00	NA	ug/kg
Strontium	0.00	0.50	51.00	0.01	1000000.00	1000000.00	48.9	mg/kg
Zinc	0.00	0.50	136.00	0.21	576000.00	576000.00	73.8	mg/kg

KEY

- Streams
- Paved Area
- Building
- ● Tier II AL Exceedence
- ○ Below Tier II AL
- IHSS
- Fence
- Dirt Roads

Sbd = Soil Begin Depth
Sed = Soil End Depth
RL = Reporting/Detection Limit
All Action Levels are in mg/kg

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N W E S

20 0 20 40 60 Feet

Scale = 1: 750

State Plane Coordinate Projection
Colorado Central Zone
Datum: NAD 27

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: Date: 12.14.02

RADMS

Prepared For:

KAISER•HILL COMPANY

File: W:\Projects\Fy2003\900-2\Characterization \900-2 Ihss 153-154.apr

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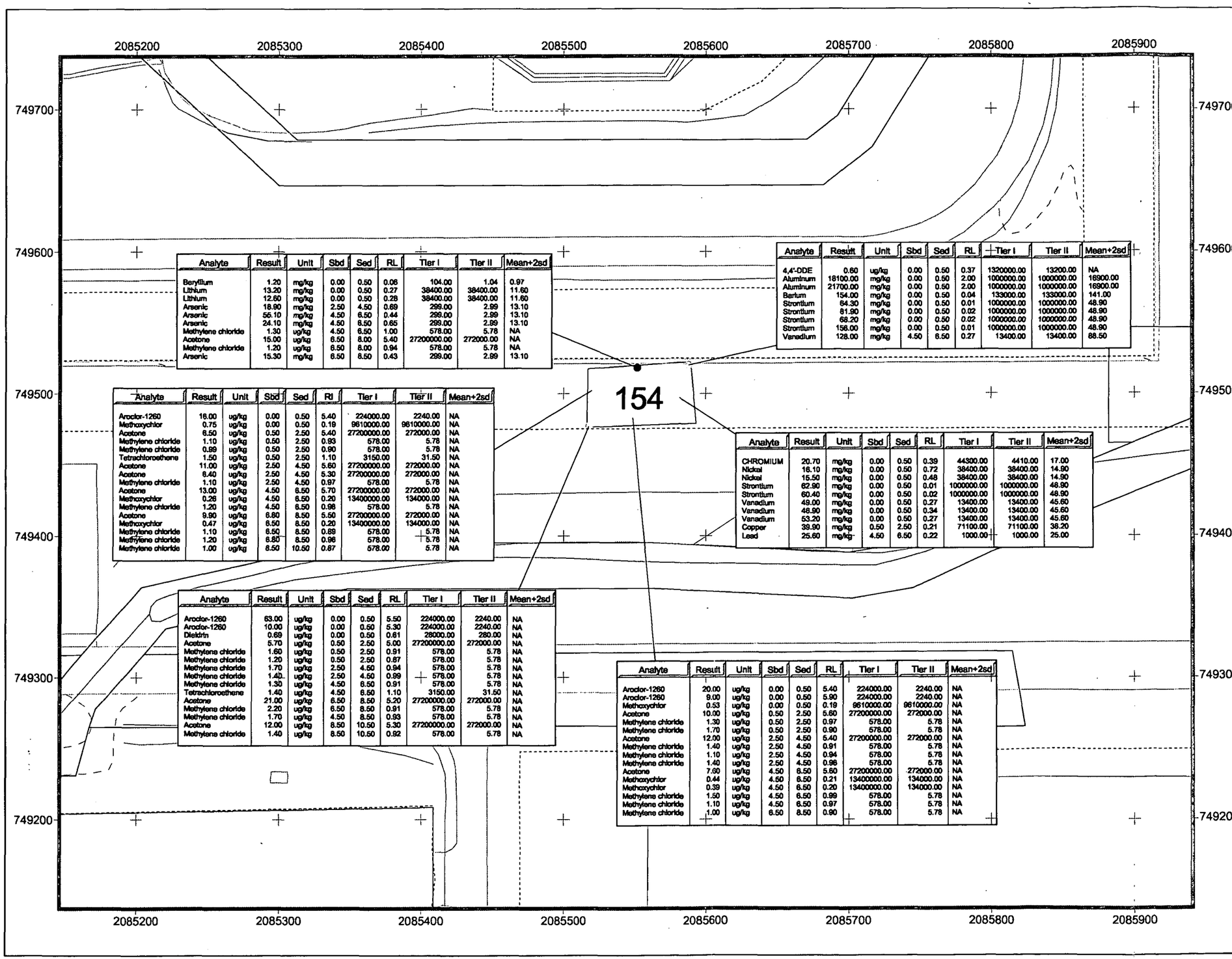

Analyte	Result	Unit	Sbd	Sed	RL	Tier I	Tier II	Mean+2sd
Beryllium	1.20	mg/kg	0.00	0.50	0.06	104.00	1.04	0.97
Lithium	13.20	mg/kg	0.00	0.50	0.27	38400.00	38400.00	11.60
Lithium	12.60	mg/kg	0.00	0.50	0.28	38400.00	38400.00	11.60
Arsenic	18.90	mg/kg	2.50	4.50	0.69	299.00	2.99	13.10
Arsenic	55.10	mg/kg	4.50	6.50	0.44	299.00	2.99	13.10
Arsenic	24.10	mg/kg	4.50	6.50	0.65	299.00	2.99	13.10
Methylene chloride	1.30	ug/kg	4.50	6.50	1.00	578.00	5.78	NA
Acetone	15.00	ug/kg	6.50	8.00	5.40	27200000.00	272000.00	NA
Methylene chloride	1.20	ug/kg	6.50	8.00	0.94	578.00	5.78	NA
Arsenic	15.30	mg/kg	6.50	8.50	0.43	299.00	2.99	13.10

Analyte	Result	Unit	Sbd	Sed	RL	Tier I	Tier II	Mean+2sd
4,4'-DDE	0.60	ug/kg	0.00	0.50	0.37	1320000.00	13200.00	NA
Aluminum	18100.00	mg/kg	0.00	0.50	2.00	1000000.00	1000000.00	16900.00
Aluminum	21700.00	mg/kg	0.00	0.50	2.00	1000000.00	1000000.00	16900.00
Barium	154.00	mg/kg	0.00	0.50	0.04	133000.00	133000.00	141.00
Strontium	64.30	mg/kg	0.00	0.50	0.01	1000000.00	1000000.00	48.90
Strontium	81.90	mg/kg	0.00	0.50	0.02	1000000.00	1000000.00	48.90
Strontium	68.20	mg/kg	0.00	0.50	0.02	1000000.00	1000000.00	48.90
Strontium	156.00	mg/kg	0.00	0.50	0.01	1000000.00	1000000.00	48.90
Vanadium	128.00	mg/kg	4.50	6.50	0.27	13400.00	13400.00	88.50

Analyte	Result	Unit	Sbd	Sed	RL	Tier I	Tier II	Mean+2sd
Aroclor-1260	16.00	ug/kg	0.00	0.50	5.40	224000.00	2240.00	NA
Methoxychlor	0.75	ug/kg	0.00	0.50	0.19	9610000.00	9610000.00	NA
Acetone	6.50	ug/kg	0.50	2.50	5.40	27200000.00	272000.00	NA
Methylene chloride	1.10	ug/kg	0.50	2.50	0.93	578.00	5.78	NA
Methylene chloride	0.89	ug/kg	0.50	2.50	0.90	578.00	5.78	NA
Tetrachloroethene	1.50	ug/kg	0.50	2.50	1.10	3150.00	31.50	NA
Acetone	11.00	ug/kg	2.50	4.50	5.60	27200000.00	272000.00	NA
Acetone	6.40	ug/kg	2.50	4.50	5.30	27200000.00	272000.00	NA
Methylene chloride	1.10	ug/kg	2.50	4.50	0.97	578.00	5.78	NA
Acetone	13.00	ug/kg	4.50	6.50	5.70	27200000.00	272000.00	NA
Methoxychlor	0.26	ug/kg	4.50	6.50	0.20	13400000.00	134000.00	NA
Methylene chloride	1.20	ug/kg	4.50	6.50	0.98	578.00	5.78	NA
Acetone	9.90	ug/kg	6.80	8.50	5.50	27200000.00	272000.00	NA
Methoxychlor	0.47	ug/kg	6.50	8.50	0.20	13400000.00	134000.00	NA
Methylene chloride	1.10	ug/kg	6.50	8.50	0.89	578.00	5.78	NA
Methylene chloride	1.20	ug/kg	6.80	8.50	0.98	578.00	5.78	NA
Methylene chloride	1.00	ug/kg	8.50	10.50	0.87	578.00	5.78	NA

Analyte	Result	Unit	Sbd	Sed	RL	Tier I	Tier II	Mean+2sd
CHROMIUM	20.70	mg/kg	0.00	0.50	0.39	44300.00	4410.00	17.00
Nickel	16.10	mg/kg	0.00	0.50	0.72	38400.00	38400.00	14.90
Nickel	15.50	mg/kg	0.00	0.50	0.48	38400.00	38400.00	14.90
Strontium	62.90	mg/kg	0.00	0.50	0.01	1000000.00	1000000.00	48.90
Strontium	60.40	mg/kg	0.00	0.50	0.02	1000000.00	1000000.00	48.90
Vanadium	49.00	mg/kg	0.00	0.50	0.27	13400.00	13400.00	45.60
Vanadium	46.90	mg/kg	0.00	0.50	0.34	13400.00	13400.00	45.60
Vanadium	53.20	mg/kg	0.00	0.50	0.27	13400.00	13400.00	45.60
Copper	39.90	mg/kg	0.50	2.50	0.21	71100.00	71100.00	38.20
Lead	25.60	mg/kg	4.50	6.50	0.22	1000.00	1000.00	25.00

Analyte	Result	Unit	Sbd	Sed	RL	Tier I	Tier II	Mean+2sd
Aroclor-1260	63.00	ug/kg	0.00	0.50	5.50	224000.00	2240.00	NA
Aroclor-1260	10.00	ug/kg	0.00	0.50	5.30	224000.00	2240.00	NA
Dieldrin	0.69	ug/kg	0.00	0.50	0.61	28000.00	280.00	NA
Acetone	5.70	ug/kg	0.50	2.50	5.00	27200000.00	272000.00	NA
Methylene chloride	1.60	ug/kg	0.50	2.50	0.91	578.00	5.78	NA
Methylene chloride	1.20	ug/kg	0.50	2.50	0.87	578.00	5.78	NA
Methylene chloride	1.70	ug/kg	2.50	4.50	0.94	578.00	5.78	NA
Methylene chloride	1.40	ug/kg	2.50	4.50	0.99	578.00	5.78	NA
Methylene chloride	1.30	ug/kg	4.50	6.50	0.91	578.00	5.78	NA
Tetrachloroethene	1.40	ug/kg	4.50	6.50	1.10	3150.00	31.50	NA
Acetone	21.00	ug/kg	6.50	8.50	5.20	27200000.00	272000.00	NA
Methylene chloride	2.20	ug/kg	6.50	8.50	0.91	578.00	5.78	NA
Methylene chloride	1.70	ug/kg	4.50	8.50	0.93	578.00	5.78	NA
Acetone	12.00	ug/kg	8.50	10.50	5.30	27200000.00	272000.00	NA
Methylene chloride	1.40	ug/kg	8.50	10.50	0.92	578.00	5.78	NA

Analyte	Result	Unit	Sbd	Sed	RL	Tier I	Tier II	Mean+2sd
Aroclor-1260	20.00	ug/kg	0.00	0.50	5.40	224000.00	2240.00	NA
Aroclor-1260	9.00	ug/kg	0.00	0.50	5.90	224000.00	2240.00	NA
Methoxychlor	0.53	ug/kg	0.00	0.50	0.19	9610000.00	9610000.00	NA
Acetone	10.00	ug/kg	0.50	2.50	5.60	27200000.00	272000.00	NA
Methylene chloride	1.30	ug/kg	0.50	2.50	0.97	578.00	5.78	NA
Methylene chloride	1.70	ug/kg	0.50	2.50	0.90	578.00	5.78	NA
Acetone	12.00	ug/kg	2.50	4.50	5.40	27200000.00	272000.00	NA
Methylene chloride	1.40	ug/kg	2.50	4.50	0.91	578.00	5.78	NA
Methylene chloride	1.10	ug/kg	2.50	4.50	0.94	578.00	5.78	NA
Methylene chloride	1.40	ug/kg	2.50	4.50	0.98	578.00	5.78	NA
Acetone	7.60	ug/kg	4.50	6.50	5.50	27200000.00	272000.00	NA
Methoxychlor	0.44	ug/kg	4.50	6.50	0.21	13400000.00	134000.00	NA
Methoxychlor	0.39	ug/kg	4.50	6.50	0.20	13400000.00	134000.00	NA
Methylene chloride	1.50	ug/kg	4.50	6.50	0.99	578.00	5.78	NA
Methylene chloride	1.10	ug/kg	4.50	6.50	0.97	578.00	5.78	NA
Methylene chloride	1.00	ug/kg	6.50	8.50	0.90	578.00	5.78	NA

Figure 4
IHSS 154 Surface and Subsurface Soil Results Greater than Background or Detection/Reporting Limits

KEY

- Streams
- Fence
- Dirt Road
- Paved Area
- ● Tier II AL Exceedence
- ○ Less Than Tier II AL
- IHSS

Sbd = Soil Begin Depth
Sed = Soil End Depth
RL = Reported Detection Limit

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N W E S

20 0 20 40 Feet

Scale = 1:700

State Plane Coordinate Projection
Colorado Central Zone
Datum: NAD 27

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: Date: 12/11/02

RADMS

Prepared For:

KAISER+HILL COMPANY

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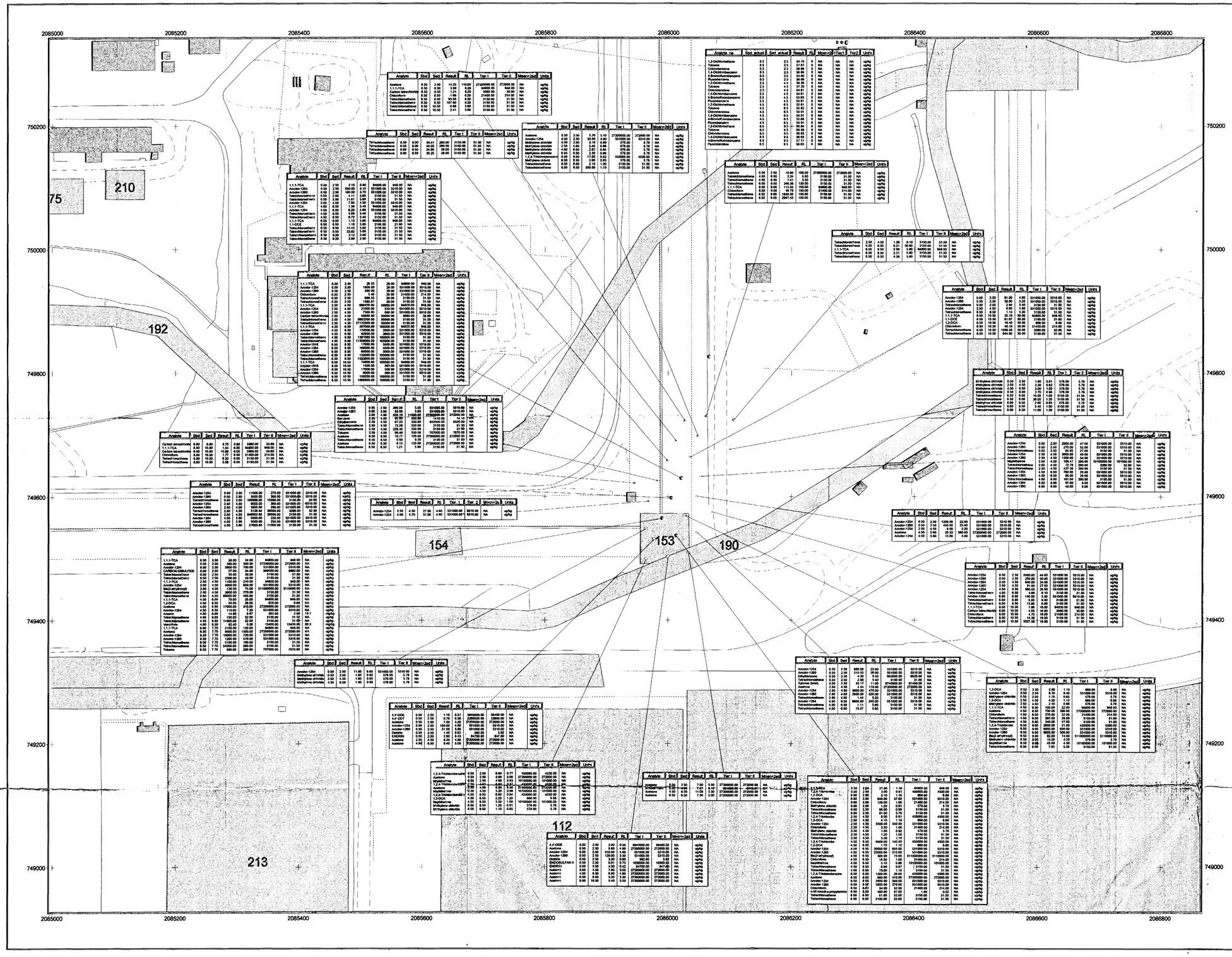

Figure 3
IHSS 153 Subsurface Soil Results Greater than Background or Detection/Reporting Limits

KEY

- Tier I AL Exceedence
- Tier II AL Exceedence
- Less Than Tier II AL
- No Tier Data Available
- IHSS or PAC
- Building
- Fence
- Stream
- Pipe
- Paved Area
- Dirt Road

Notes:
Sbd = Sample Begin Depth
Sed = Sample End Depth
RL = Reporting/Detection Limit
Mean+2sd = Background Mean Plus Two Standard Deviations
NA = Not Available

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N
W E
S

100 0 100 200 Feet

Scale 1: 875

State Plane Coordinate Projection
Colorado Central Zone
Datum: NAD 27

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: Date: 7.17.03

RADMS

Prepared for:

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