

**Final Industrial Area  
Sampling and Analysis Plan  
Addendum #IA-03-18  
IHSS Groups 700-6**

**October 2003**

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Approval Received from the Colorado Department of Public Health and Environment.  
October 31, 2003  
Approval letter contained in the Administrative Record.

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## **ACRONYMS**

AL	Action Level
Be	beryllium
DOE	U.S. Department of Energy
FY	Fiscal Year
HRR	Historical Release Report
IA	Industrial Area
IASAP	Industrial Area Sampling and Analysis Plan
IHSS	Individual Hazardous Substance Site
Li	lithium
MDL	Method Detection Limit
PAC	Potential Area of Concern
PCB	Polychlorinated Biphenyl
pCi/g	Picocurie per gram
PCOC	potential contaminant of concern
RFCA	Rocky Flats Cleanup Agreement
SAP	Sampling and Analysis Plan
SVOCs	semivolatile organic compounds
VOC	volatile organic compound
WRW	Wildlife Refuge Worker

## **1.0 INTRODUCTION**

This Industrial Area (IA) Sampling and Analysis Plan (SAP) (IASAP) (DOE 2001) Addendum #IA-03-18 includes Individual Hazardous Substance Site (IHSS) Group-specific information, sampling locations, and potential contaminants of concern (PCOCs) for IHSSs proposed for characterization during Fiscal Year (FY) 04. This IASAP Addendum is a supplement to the IASAP (DOE 2001) and includes data and proposed sampling locations for the IHSS Groups and associated IHSSs listed in Table 1. The locations of the IHSS Groups and IHSSs proposed for FY04 are shown on Figure 1.

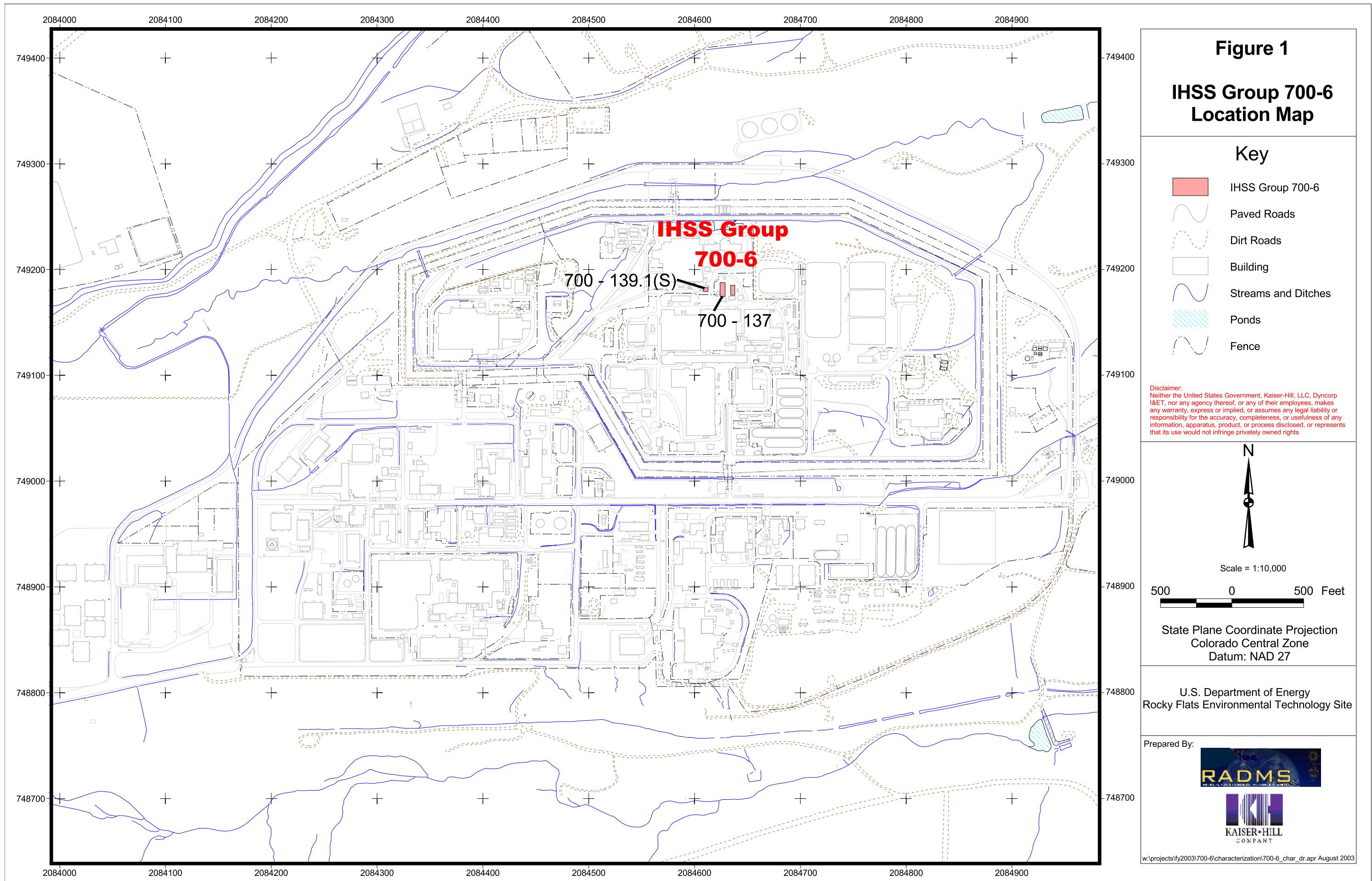
**Table 1**  
**IASAP Addendum #IA-03-18 IHSS Group**

IHSS Group	IHSS/PAC/UBC Site
700-6	700-137 – Buildings 712/713 Cooling Tower Blowdown
	700-139.1(S) – Caustic/Acid Spills Hydroxide Tank Area

## **1.1 EXISTING CHARACTERIZATION INFORMATION**

Existing concentrations and activities greater than background means plus two standard deviations, or method detection limit (MDL), are presented on Figures 2 and 3. There are 23 pre-accelerated action sampling locations and an additional six 700-4 UBC (IASAP Addendum #IA-03-01 [DOE 2002]) sampling locations at or near IHSS Group 700-6 (DOE 2000). Note that Tank 29, which is located southeast of IHSS 137, will be addressed under the IHSS 000-2 characterization. Table 2 presents the PCOCs and proposed sampling methodology. Existing information and data for these IHSSs are available in Appendix C of the IASAP (DOE 2001), HRR (DOE 1992-2002), and the Industrial Area Data Summary Report (DOE 2000).

Pre-accelerated action data at IHSS Group 700-6 indicate that concentrations of arsenic, chromium, and benzo(a)pyrene in surface soil are greater than the Rocky Flats Cleanup Agreement (RFCA) Wildlife Refuge Worker (WRW) Action Levels (ALs) (DOE et al. 2003). Radionuclide activities and metal concentrations at several locations exceed corresponding background mean plus two standard deviations levels in surface soil (Figure 2) and subsurface soil (Figure 3). Isolated occurrences of detected concentrations of polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs), and semi-volatile organic compounds (SVOCs) were also observed.



**Table 2**  
**Potential Contaminants of Concern IHSS Groups 700-6**

IHSS Group	IHSS/PAC/UBC Site	PCOCs	Media	Data Source	Sampling Location Method
700-6	700-137 – Buildings 712/713 Cooling Tower Blowdown	Radionuclides Metals Be and Li VOCs SVOCs	Surface Soil and Subsurface Soil	HRR (DOE 1992-2002) Process knowledge (IASAP [DOE 2001]) IA Data Summary Report (DOE 2000)	Statistical Grid Biased Sampling
	700-139.1(S) – Caustic/Acid Spills Hydroxide Tank Area	Radionuclides Metals Be and Li VOCs SVOCs	Surface Soil and Subsurface Soil	HRR (DOE 1992-2002) Process knowledge (IASAP [DOE 2001]) IA Data Summary Report (DOE 2000)	Biased Sampling

Be - Beryllium

Li - Lithium

VOCs - Volatile Organic Compounds

SVOCs - Semivolatile Organic Compounds

## **2.0 SAMPLING**

The proposed sampling specifications (number and types of samples) for IHSS Group 700-6 are listed in Table 3 and shown on Figure 4. The IASAP 11-meter statistical grid was applied at IHSS 137. Additionally, several biased locations were added at pipe outfalls, sump pumps, foundation cracks, drain tees, and a valve pit within this IHSS.

As shown on Figure 4, sampling and analysis will be performed at biased locations within IHSS 700-139.1(S). The majority of the sampling locations coincide with topographic depressions, a pipe outfall, and a plastic 50 gallon tank.

Proposed new sampling locations are the starting point for IHSS Group characterization. After characterization starts, the number and type of samples may change based on sample results. Changes to sampling specifications will be considered in consultation with the regulatory agencies. Statistical sampling locations within a building footprint may be adjusted in the field to collect samples from specific building features. If contaminant concentrations are found to be above ALs near the grid boundary, additional samples will be taken in consultation with the agencies and a contact record issued. Biased sampling locations at tanks and along process waste lines will be field checked and the locations adjusted through the consultative process.

Figure 2

**Location of Existing Surface Soil Sample Results Above Background Levels or MDLs at IHSS Group 700-6**

**Key**

- Samples Greater Than WRW AL
- Samples Greater Than Ecological Receptor AL
- Samples Less Than AL
- Tanks
- PACs
- Buildings
- IHSS

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Scale = 1:3000

State Plane Coordinate Projection  
Colorado Central Zone  
Datum: NAD 27

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

Prepared By:

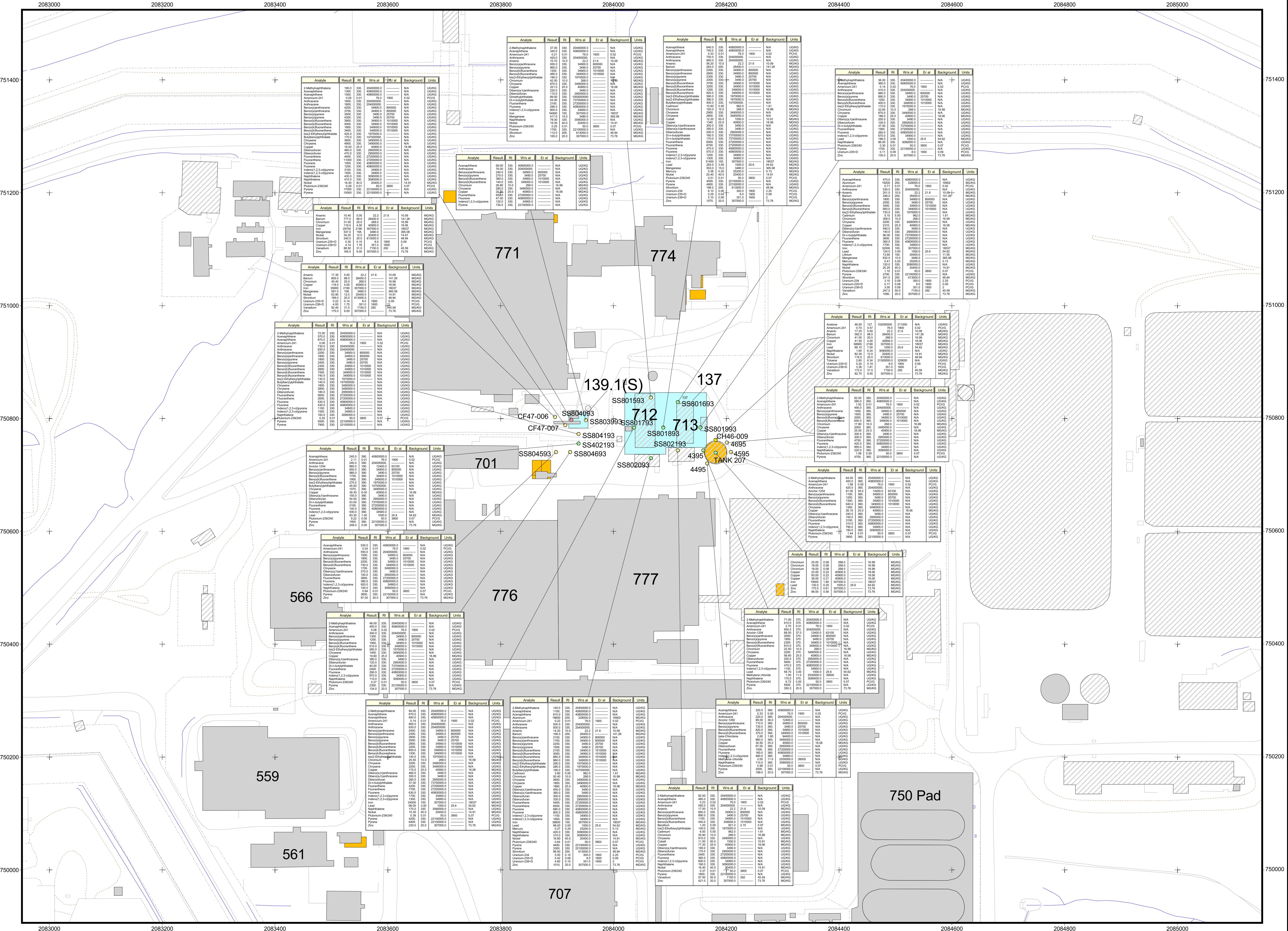
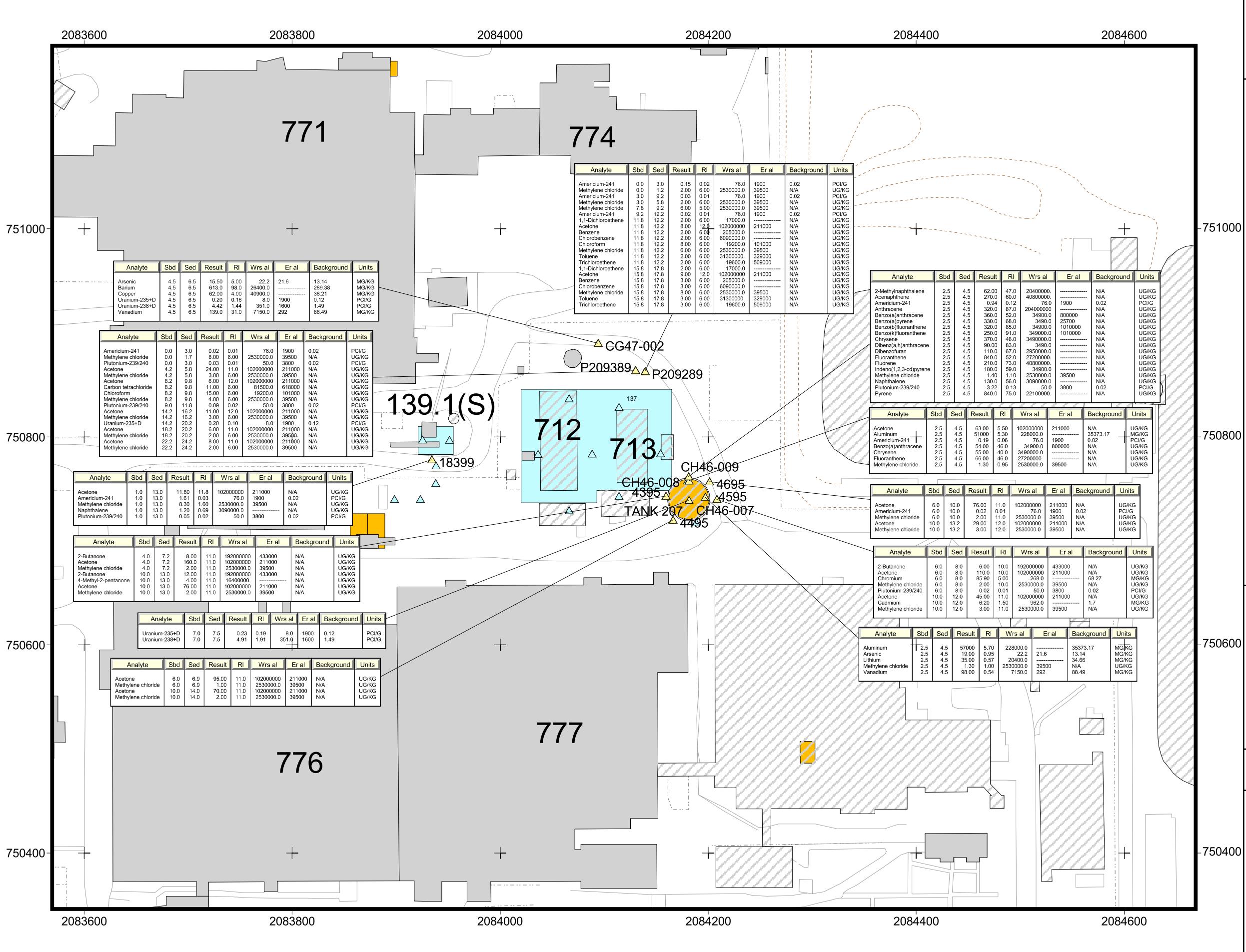


Figure 3

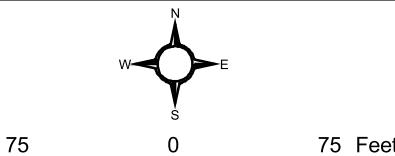
**Location of Existing Surface Soil Sample Results Above Background Levels or MDLs at IHSS Group 700-6**

**Key**

- ▲ Borehole Locations > Background/MDLs
- △ Borehole Locations < Background/MDLs
- ▨ Demolished Building
- ▨ Standing Building
- IHSS
- Streams
- Paved Road
- Dirt Road
- Fence
- Tank



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Scale = 1:1500  
State Plane Coordinate Projection  
Colorado Central Zone  
Datum: NAD 27

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Figure 4

Planned Sampling Locations  
at IHSS Group 700-6

## Key

- Bias Sampling Location
- Statistical Sampling Location
- Cooling Tower Pump Sump
- Concrete Pad
- Drain Tee
- ~~~~~ OPWL
- ~~~~~ NPWL
- Demolished Building
- Standing Building
- ~~~~~ Paved Road
- ~~~~~ Fence
- Tanks
- ~~~~~ Water Line
- ~~~~~ Sewer Line

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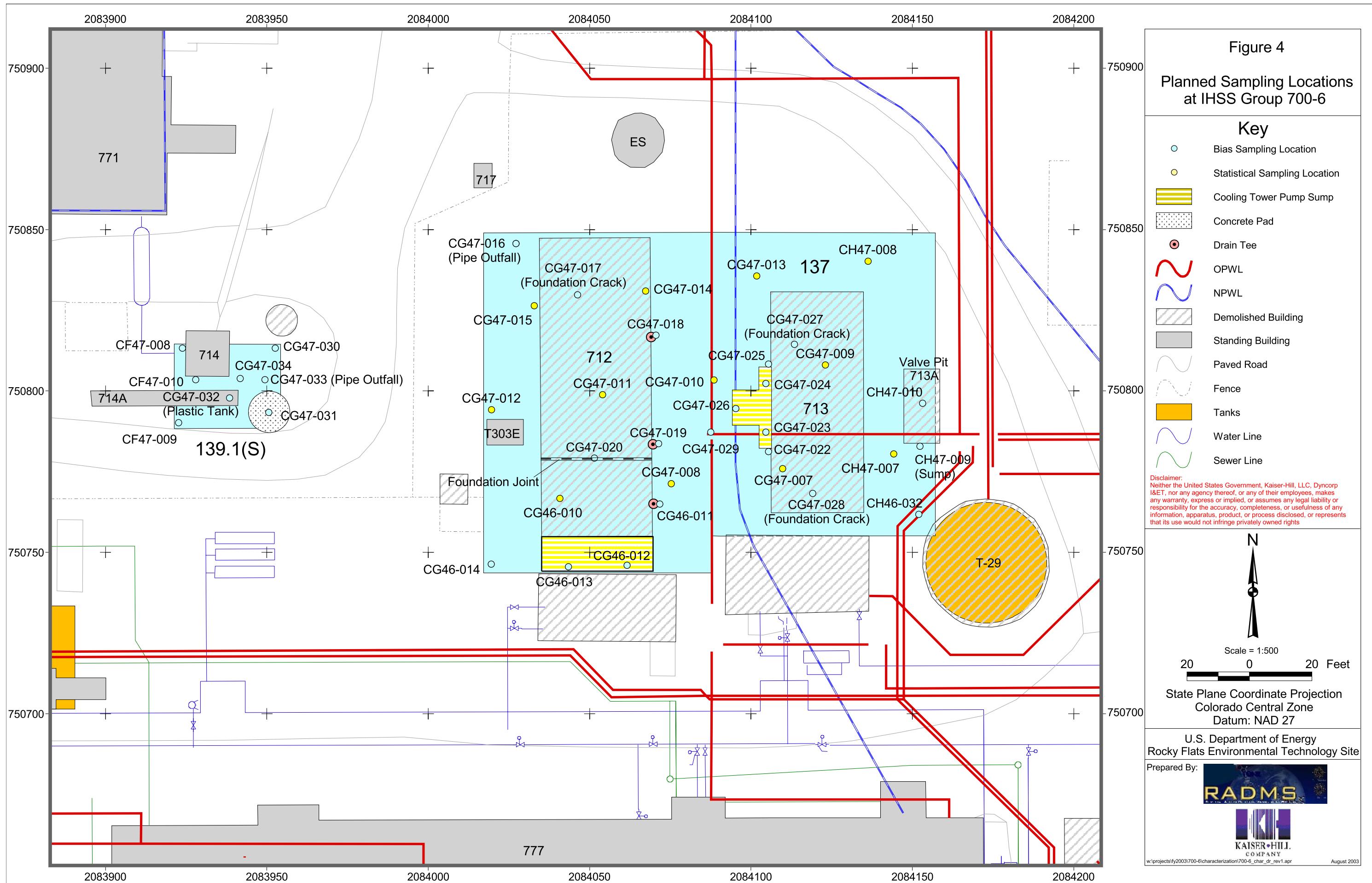


Scale = 1:500  
20 0 20 Feet

State Plane Coordinate Projection  
Colorado Central Zone  
Datum: NAD 27

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

Prepared By:  
  

**Table 3**  
**Sampling Specifications IHSS Group 700-6**

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Method	Offsite Method	Comment
700-6	700-137	CH47-007A	2084151.53	750774.69	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Statistical Grid
700-6	700-137	CH47-007A	2084151.53	750774.69	Surface Soil	0-0.5	Metals	N/A	6010	Statistical Grid
700-6	700-137	CH47-007A	2084151.53	750774.69	Surface Soil	0-0.5	Lithium	N/A	6010	Statistical Grid
700-6	700-137	CH47-007A	2084151.53	750774.69	Surface Soil	0-0.5	SVOCs	N/A	8270B	Statistical Grid
700-6	700-137	CH47-007B	2084151.53	750774.69	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Statistical Grid
700-6	700-137	CH47-007B	2084151.53	750774.69	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Statistical Grid
700-6	700-137	CH47-007B	2084151.53	750774.69	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Statistical Grid
700-6	700-137	CH47-007B	2084151.53	750774.69	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Statistical Grid
700-6	700-137	CH47-007B	2084151.53	750774.69	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Statistical Grid
700-6	700-137	CG47-007A	2084115.85	750769.92	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Statistical Grid
700-6	700-137	CG47-007A	2084115.85	750769.92	Surface Soil	0-0.5	Metals	N/A	6010	Statistical Grid
700-6	700-137	CG47-007A	2084115.85	750769.92	Surface Soil	0-0.5	Lithium	N/A	6010	Statistical Grid
700-6	700-137	CG47-007A	2084115.85	750769.92	Surface Soil	0-0.5	SVOCs	N/A	8270B	Statistical Grid
700-6	700-137	CG47-007B	2084115.85	750769.92	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Statistical Grid
700-6	700-137	CG47-007B	2084115.85	750769.92	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Statistical Grid
700-6	700-137	CG47-007B	2084115.85	750769.92	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Statistical Grid
700-6	700-137	CG47-007B	2084115.85	750769.92	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Statistical Grid
700-6	700-137	CG47-007B	2084115.85	750769.92	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Statistical Grid
700-6	700-137	CG47-008A	2084080.17	750765.15	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Statistical Grid
700-6	700-137	CG47-008A	2084080.17	750765.15	Surface Soil	0-0.5	Metals	N/A	6010	Statistical Grid
700-6	700-137	CG47-008A	2084080.17	750765.15	Surface Soil	0-0.5	Lithium	N/A	6010	Statistical Grid
700-6	700-137	CG47-008A	2084080.17	750765.15	Surface Soil	0-0.5	SVOCs	N/A	8270B	Statistical Grid
700-6	700-137	CG47-008B	2084080.17	750765.15	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Statistical Grid
700-6	700-137	CG47-008B	2084080.17	750765.15	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Statistical Grid
700-6	700-137	CG47-008B	2084080.17	750765.15	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Statistical Grid
700-6	700-137	CG47-008B	2084080.17	750765.15	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Statistical Grid
700-6	700-137	CG47-008B	2084080.17	750765.15	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Statistical Grid
700-6	700-137	CG46-010A	2084044.48	750760.38	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Statistical Grid
700-6	700-137	CG46-010A	2084044.48	750760.38	Surface Soil	0-0.5	Metals	N/A	6010	Statistical Grid

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Method	Offsite Method	Comment
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700-6	700-137	CG46-010A	2084044.48	750760.38	Surface Soil	0-0.5	SVOCs	N/A	8270B	Statistical Grid
700-6	700-137	CG46-010B	2084044.48	750760.38	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Statistical Grid
700-6	700-137	CG46-010B	2084044.48	750760.38	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Statistical Grid
700-6	700-137	CG46-010B	2084044.48	750760.38	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Statistical Grid
700-6	700-137	CG46-010B	2084044.48	750760.38	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Statistical Grid
700-6	700-137	CG46-010B	2084044.48	750760.38	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Statistical Grid
700-6	700-137	CG47-009A	2084129.56	750803.21	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Statistical Grid
700-6	700-137	CG47-009A	2084129.56	750803.21	Surface Soil	0-0.5	Metals	N/A	6010	Statistical Grid
700-6	700-137	CG47-009A	2084129.56	750803.21	Surface Soil	0-0.5	Lithium	N/A	6010	Statistical Grid
700-6	700-137	CG47-009A	2084129.56	750803.21	Surface Soil	0-0.5	SVOCs	N/A	8270B	Statistical Grid
700-6	700-137	CG47-009B	2084129.56	750803.21	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Statistical Grid
700-6	700-137	CG47-009B	2084129.56	750803.21	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Statistical Grid
700-6	700-137	CG47-009B	2084129.56	750803.21	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Statistical Grid
700-6	700-137	CG47-009B	2084129.56	750803.21	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Statistical Grid
700-6	700-137	CG47-009B	2084129.56	750803.21	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Statistical Grid
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700-6	700-137	CG47-010A	2084093.88	750798.44	Surface Soil	0-0.5	Lithium	N/A	6010	Statistical Grid
700-6	700-137	CG47-010A	2084093.88	750798.44	Surface Soil	0-0.5	SVOCs	N/A	8270B	Statistical Grid
700-6	700-137	CG47-010B	2084093.88	750798.44	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Statistical Grid
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700-6	700-137	CG47-010B	2084093.88	750798.44	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Statistical Grid
700-6	700-137	CG47-010B	2084093.88	750798.44	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Statistical Grid
700-6	700-137	CG47-010B	2084093.88	750798.44	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Statistical Grid
700-6	700-137	CG47-011A	2084058.19	750793.67	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Statistical Grid
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IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Method	Offsite Method	Comment
700-6	700-137	CG47-011B	2084058.19	750793.67	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Statistical Grid
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700-6	700-137	CG47-012A	2084022.51	750788.90	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Statistical Grid
700-6	700-137	CG47-012A	2084022.51	750788.90	Surface Soil	0-0.5	Metals	N/A	6010	Statistical Grid
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700-6	700-137	CH47-008A	2084143.27	750836.50	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Statistical Grid
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700-6	700-137	CG47-013B	2084107.58	750831.72	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Statistical Grid
700-6	700-137	CG47-014A	2084071.90	750826.95	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Statistical Grid

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Method	Offsite Method	Comment
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700-6	700-137	CG47-014B	2084071.90	750826.95	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Statistical Grid
700-6	700-137	CG47-014B	2084071.90	750826.95	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Statistical Grid
700-6	700-137	CG47-014B	2084071.90	750826.95	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Statistical Grid
700-6	700-137	CG47-014B	2084071.90	750826.95	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Statistical Grid
700-6	700-137	CG47-015A	2084036.22	750822.18	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Statistical Grid
700-6	700-137	CG47-015A	2084036.22	750822.18	Surface Soil	0-0.5	Metals	N/A	6010	Statistical Grid
700-6	700-137	CG47-015A	2084036.22	750822.18	Surface Soil	0-0.5	Lithium	N/A	6010	Statistical Grid
700-6	700-137	CG47-015A	2084036.22	750822.18	Surface Soil	0-0.5	SVOCs	N/A	8270B	Statistical Grid
700-6	700-137	CG47-015B	2084036.22	750822.18	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Statistical Grid
700-6	700-137	CG47-015B	2084036.22	750822.18	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Statistical Grid
700-6	700-137	CG47-015B	2084036.22	750822.18	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Statistical Grid
700-6	700-137	CG47-015B	2084036.22	750822.18	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Statistical Grid
700-6	700-137	CG47-015B	2084036.22	750822.18	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Statistical Grid
700-6	700-137	CG47-016A	2084030.38	750842.11	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased sample at pipe outfall
700-6	700-137	CG47-016A	2084030.38	750842.11	Surface Soil	0-0.5	Metals	N/A	6010	Biased sample at pipe outfall
700-6	700-137	CG47-016A	2084030.38	750842.11	Surface Soil	0-0.5	Lithium	N/A	6010	Biased sample at pipe outfall
700-6	700-137	CG47-016A	2084030.38	750842.11	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased sample at pipe outfall
700-6	700-137	CG47-016B	2084030.38	750842.11	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased sample at pipe outfall
700-6	700-137	CG47-016B	2084030.38	750842.11	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased sample at pipe outfall
700-6	700-137	CG47-016B	2084030.38	750842.11	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased sample at pipe outfall
700-6	700-137	CG47-016B	2084030.38	750842.11	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased sample at pipe outfall
700-6	700-137	CG47-016B	2084030.38	750842.11	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased sample at pipe outfall
700-6	700-137	CG47-017A	2084050.08	750825.76	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased sample at crack in foundation
700-6	700-137	CG47-017A	2084050.08	750825.76	Surface Soil	0-0.5	Metals	N/A	6010	Biased sample at crack in foundation
700-6	700-137	CG47-017A	2084050.08	750825.76	Surface Soil	0-0.5	Lithium	N/A	6010	Biased sample at crack in foundation
700-6	700-137	CG47-017A	2084050.08	750825.76	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased sample at crack in foundation
700-6	700-137	CG47-017B	2084050.08	750825.76	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased sample at crack in foundation

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700-6	700-137	CG47-017B	2084050.08	750825.76	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased sample at crack in foundation
700-6	700-137	CG47-017B	2084050.08	750825.76	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased sample at crack in foundation
700-6	700-137	CG47-017B	2084050.08	750825.76	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased sample at crack in foundation
700-6	700-137	CG47-017B	2084050.08	750825.76	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased sample at crack in foundation
700-6	700-137	CG47-018A	2084075.24	750812.76	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased sample at drain tee
700-6	700-137	CG47-018A	2084075.24	750812.76	Surface Soil	0-0.5	Metals	N/A	6010	Biased sample at drain tee
700-6	700-137	CG47-018A	2084075.24	750812.76	Surface Soil	0-0.5	Lithium	N/A	6010	Biased sample at drain tee
700-6	700-137	CG47-018A	2084075.24	750812.76	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased sample at drain tee
700-6	700-137	CG47-018B	2084075.24	750812.76	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased sample at drain tee
700-6	700-137	CG47-018B	2084075.24	750812.76	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased sample at drain tee
700-6	700-137	CG47-018B	2084075.24	750812.76	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased sample at drain tee
700-6	700-137	CG47-018B	2084075.24	750812.76	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased sample at drain tee
700-6	700-137	CG47-018B	2084075.24	750812.76	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased sample at drain tee
700-6	700-137	CG47-019A	2084076.08	750777.95	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased sample at drain tee
700-6	700-137	CG47-019A	2084076.08	750777.95	Surface Soil	0-0.5	Metals	N/A	6010	Biased sample at drain tee
700-6	700-137	CG47-019A	2084076.08	750777.95	Surface Soil	0-0.5	Lithium	N/A	6010	Biased sample at drain tee
700-6	700-137	CG47-019A	2084076.08	750777.95	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased sample at drain tee
700-6	700-137	CG47-019B	2084076.08	750777.95	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased sample at drain tee
700-6	700-137	CG47-019B	2084076.08	750777.95	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased sample at drain tee
700-6	700-137	CG47-019B	2084076.08	750777.95	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased sample at drain tee
700-6	700-137	CG47-019B	2084076.08	750777.95	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased sample at drain tee
700-6	700-137	CG47-019B	2084076.08	750777.95	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased sample at drain tee
700-6	700-137	CG46-011A	2084076.50	750758.66	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased sample at drain tee
700-6	700-137	CG46-011A	2084076.50	750758.66	Surface Soil	0-0.5	Metals	N/A	6010	Biased sample at drain tee
700-6	700-137	CG46-011A	2084076.50	750758.66	Surface Soil	0-0.5	Lithium	N/A	6010	Biased sample at drain tee
700-6	700-137	CG46-011A	2084076.50	750758.66	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased sample at drain tee
700-6	700-137	CG46-011B	2084076.50	750758.66	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased sample at drain tee
700-6	700-137	CG46-011B	2084076.50	750758.66	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased sample at drain tee
700-6	700-137	CG46-011B	2084076.50	750758.66	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased sample at drain tee
700-6	700-137	CG46-011B	2084076.50	750758.66	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased sample at drain tee
700-6	700-137	CG46-011B	2084076.50	750758.66	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased sample at drain tee

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700-6	700-137	CG47-020A	2084055.53	750773.34	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased sample at foundation joint/crack
700-6	700-137	CG47-020A	2084055.53	750773.34	Surface Soil	0-0.5	Metals	N/A	6010	Biased sample at foundation joint/crack
700-6	700-137	CG47-020A	2084055.53	750773.34	Surface Soil	0-0.5	Lithium	N/A	6010	Biased sample at foundation joint/crack
700-6	700-137	CG47-020A	2084055.53	750773.34	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased sample at foundation joint/crack
700-6	700-137	CG47-020B	2084055.53	750773.34	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased sample at foundation joint/crack
700-6	700-137	CG47-020B	2084055.53	750773.34	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased sample at foundation joint/crack
700-6	700-137	CG47-020B	2084055.53	750773.34	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased sample at foundation joint/crack
700-6	700-137	CG47-020B	2084055.53	750773.34	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased sample at foundation joint/crack
700-6	700-137	CG47-020B	2084055.53	750773.34	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased sample at foundation joint/crack
700-6	700-137	CG46-012A	2084066.02	750738.95	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased sample at Building 712 pump sump/tower blowdown pipe outfall
700-6	700-137	CG46-012A	2084066.02	750738.95	Surface Soil	0-0.5	Metals	N/A	6010	Biased sample at Building 712 pump sump/tower blowdown pipe outfall
700-6	700-137	CG46-012A	2084066.02	750738.95	Surface Soil	0-0.5	Lithium	N/A	6010	Biased sample at Building 712 pump sump/tower blowdown pipe outfall
700-6	700-137	CG46-012A	2084066.02	750738.95	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased sample at Building 712 pump sump/tower blowdown pipe outfall
700-6	700-137	CG46-012B	2084066.02	750738.95	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased sample at Building 712 pump sump/tower blowdown pipe outfall
700-6	700-137	CG46-012B	2084066.02	750738.95	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased sample at Building 712 pump sump/tower blowdown pipe outfall
700-6	700-137	CG46-012B	2084066.02	750738.95	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased sample at Building 712 pump sump/tower blowdown pipe outfall
700-6	700-137	CG46-012B	2084066.02	750738.95	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased sample at Building 712 pump sump/tower blowdown pipe outfall
700-6	700-137	CG46-012B	2084066.02	750738.95	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased sample at Building 712 pump sump/tower blowdown pipe outfall
700-6	700-137	CG46-013A	2084047.15	750738.53	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased sample at Building 713 pump sump/tower blowdown pipe outfall
700-6	700-137	CG46-013A	2084047.15	750738.53	Surface Soil	0-0.5	Metals	N/A	6010	Biased sample at Building 713 pump sump/tower blowdown pipe outfall
700-6	700-137	CG46-013A	2084047.15	750738.53	Surface Soil	0-0.5	Lithium	N/A	6010	Biased sample at Building 713 pump sump/tower blowdown pipe outfall
700-6	700-137	CG46-013A	2084047.15	750738.53	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased sample at Building 713 pump sump/tower blowdown pipe outfall
700-6	700-137	CG46-013B	2084047.15	750738.53	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased sample at Building 713 pump sump/tower blowdown pipe outfall
700-6	700-137	CG46-013B	2084047.15	750738.53	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased sample at Building 713 pump sump/tower blowdown pipe outfall

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700-6	700-137	CG46-013B	2084047.15	750738.53	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased sample at Building 713 pump sump/tower blowdown pipe outfall
700-6	700-137	CG46-013B	2084047.15	750738.53	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased sample at Building 713 pump sump/tower blowdown pipe outfall
700-6	700-137	CG46-013B	2084047.15	750738.53	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased sample at Building 713 pump sump/tower blowdown pipe outfall
700-6	700-137	CG47-022A	2084111.31	750775.44	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased sample at pipe outfall
700-6	700-137	CG47-022A	2084111.31	750775.44	Surface Soil	0-0.5	Metals	N/A	6010	Biased sample at pipe outfall
700-6	700-137	CG47-022A	2084111.31	750775.44	Surface Soil	0-0.5	Lithium	N/A	6010	Biased sample at pipe outfall
700-6	700-137	CG47-022A	2084111.31	750775.44	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased sample at pipe outfall
700-6	700-137	CG47-022B	2084111.31	750775.44	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased sample at pipe outfall
700-6	700-137	CG47-022B	2084111.31	750775.44	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased sample at pipe outfall
700-6	700-137	CG47-022B	2084111.31	750775.44	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased sample at pipe outfall
700-6	700-137	CG47-022B	2084111.31	750775.44	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased sample at pipe outfall
700-6	700-137	CG47-022B	2084111.31	750775.44	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased sample at pipe outfall
700-6	700-137	CG47-023A	2084110.47	750781.73	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased sample at Building 713 pump sump
700-6	700-137	CG47-023A	2084110.47	750781.73	Surface Soil	0-0.5	Metals	N/A	6010	Biased sample at Building 713 pump sump
700-6	700-137	CG47-023A	2084110.47	750781.73	Surface Soil	0-0.5	Lithium	N/A	6010	Biased sample at Building 713 pump sump
700-6	700-137	CG47-023A	2084110.47	750781.73	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased sample at Building 713 pump sump
700-6	700-137	CG47-023B	2084110.47	750781.73	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased sample at Building 713 pump sump
700-6	700-137	CG47-023B	2084110.47	750781.73	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased sample at Building 713 pump sump
700-6	700-137	CG47-023B	2084110.47	750781.73	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased sample at Building 713 pump sump
700-6	700-137	CG47-023B	2084110.47	750781.73	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased sample at Building 713 pump sump
700-6	700-137	CG47-023B	2084110.47	750781.73	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased sample at Building 713 pump sump
700-6	700-137	CG47-024A	2084110.47	750797.24	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased sample at Building 713 pump sump
700-6	700-137	CG47-024A	2084110.47	750797.24	Surface Soil	0-0.5	Metals	N/A	6010	Biased sample at Building 713 pump sump
700-6	700-137	CG47-024A	2084110.47	750797.24	Surface Soil	0-0.5	Lithium	N/A	6010	Biased sample at Building 713 pump sump
700-6	700-137	CG47-024A	2084110.47	750797.24	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased sample at Building 713 pump sump
700-6	700-137	CG47-024B	2084110.47	750797.24	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased sample at Building 713 pump sump
700-6	700-137	CG47-024B	2084110.47	750797.24	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased sample at Building 713 pump sump
700-6	700-137	CG47-024B	2084110.47	750797.24	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased sample at Building 713 pump sump
700-6	700-137	CG47-024B	2084110.47	750797.24	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased sample at Building 713 pump sump
700-6	700-137	CG47-024B	2084110.47	750797.24	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased sample at Building 713 pump sump

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700-6	700-137	CG47-025A	2084111.31	750803.53	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased sample at pipe outfall
700-6	700-137	CG47-025A	2084111.31	750803.53	Surface Soil	0-0.5	Metals	N/A	6010	Biased sample at pipe outfall
700-6	700-137	CG47-025A	2084111.31	750803.53	Surface Soil	0-0.5	Lithium	N/A	6010	Biased sample at pipe outfall
700-6	700-137	CG47-025A	2084111.31	750803.53	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased sample at pipe outfall
700-6	700-137	CG47-025B	2084111.31	750803.53	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased sample at pipe outfall
700-6	700-137	CG47-025B	2084111.31	750803.53	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased sample at pipe outfall
700-6	700-137	CG47-025B	2084111.31	750803.53	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased sample at pipe outfall
700-6	700-137	CG47-025B	2084111.31	750803.53	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased sample at pipe outfall
700-6	700-137	CG47-025B	2084111.31	750803.53	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased sample at pipe outfall
700-6	700-137	CG47-026A	2084100.82	750789.27	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased sample at Building 713 pump sump
700-6	700-137	CG47-026A	2084100.82	750789.27	Surface Soil	0-0.5	Metals	N/A	6010	Biased sample at Building 713 pump sump
700-6	700-137	CG47-026A	2084100.82	750789.27	Surface Soil	0-0.5	Lithium	N/A	6010	Biased sample at Building 713 pump sump
700-6	700-137	CG47-026A	2084100.82	750789.27	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased sample at Building 713 pump sump
700-6	700-137	CG47-026B	2084100.82	750789.27	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased sample at Building 713 pump sump
700-6	700-137	CG47-026B	2084100.82	750789.27	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased sample at Building 713 pump sump
700-6	700-137	CG47-026B	2084100.82	750789.27	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased sample at Building 713 pump sump
700-6	700-137	CG47-026B	2084100.82	750789.27	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased sample at Building 713 pump sump
700-6	700-137	CG47-026B	2084100.82	750789.27	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased sample at Building 713 pump sump
700-6	700-137	CG47-027A	2084119.69	750809.82	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased sample at crack in foundation
700-6	700-137	CG47-027A	2084119.69	750809.82	Surface Soil	0-0.5	Metals	N/A	6010	Biased sample at crack in foundation
700-6	700-137	CG47-027A	2084119.69	750809.82	Surface Soil	0-0.5	Lithium	N/A	6010	Biased sample at crack in foundation
700-6	700-137	CG47-027A	2084119.69	750809.82	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased sample at crack in foundation
700-6	700-137	CG47-027B	2084119.69	750809.82	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased sample at crack in foundation
700-6	700-137	CG47-027B	2084119.69	750809.82	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased sample at crack in foundation
700-6	700-137	CG47-027B	2084119.69	750809.82	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased sample at crack in foundation
700-6	700-137	CG47-027B	2084119.69	750809.82	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased sample at crack in foundation
700-6	700-137	CG47-027B	2084119.69	750809.82	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased sample at crack in foundation
700-6	700-137	CG47-028A	2084125.56	750762.02	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased sample at crack in foundation
700-6	700-137	CG47-028A	2084125.56	750762.02	Surface Soil	0-0.5	Metals	N/A	6010	Biased sample at crack in foundation
700-6	700-137	CG47-028A	2084125.56	750762.02	Surface Soil	0-0.5	Lithium	N/A	6010	Biased sample at crack in foundation
700-6	700-137	CG47-028A	2084125.56	750762.02	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased sample at crack in foundation

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Method	Offsite Method	Comment
700-6	700-137	CG47-028B	2084125.56	750762.02	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased sample at crack in foundation
700-6	700-137	CG47-028B	2084125.56	750762.02	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased sample at crack in foundation
700-6	700-137	CG47-028B	2084125.56	750762.02	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased sample at crack in foundation
700-6	700-137	CG47-028B	2084125.56	750762.02	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased sample at crack in foundation
700-6	700-137	CG47-028B	2084125.56	750762.02	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased sample at crack in foundation
700-6	700-137	CH47-009A	2084159.95	750777.11	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased sample in sump
700-6	700-137	CH47-009A	2084159.95	750777.11	Surface Soil	0-0.5	Metals	N/A	6010	Biased sample in sump
700-6	700-137	CH47-009A	2084159.95	750777.11	Surface Soil	0-0.5	Lithium	N/A	6010	Biased sample in sump
700-6	700-137	CH47-009A	2084159.95	750777.11	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased sample in sump
700-6	700-137	CH47-009B	2084159.95	750777.11	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased sample in sump
700-6	700-137	CH47-009B	2084159.95	750777.11	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased sample in sump
700-6	700-137	CH47-009B	2084159.95	750777.11	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased sample in sump
700-6	700-137	CH47-009B	2084159.95	750777.11	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased sample in sump
700-6	700-137	CH47-009B	2084159.95	750777.11	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased sample in sump
700-6	700-137	CH47-010A	2084160.79	750790.95	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased sample in valve pit
700-6	700-137	CH47-010A	2084160.79	750790.95	Surface Soil	0-0.5	Metals	N/A	6010	Biased sample in valve pit
700-6	700-137	CH47-010A	2084160.79	750790.95	Surface Soil	0-0.5	Lithium	N/A	6010	Biased sample in valve pit
700-6	700-137	CH47-010A	2084160.79	750790.95	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased sample in valve pit
700-6	700-137	CH47-010B	2084160.79	750790.95	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased sample in valve pit
700-6	700-137	CH47-010B	2084160.79	750790.95	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased sample in valve pit
700-6	700-137	CH47-010B	2084160.79	750790.95	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased sample in valve pit
700-6	700-137	CH47-010B	2084160.79	750790.95	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased sample in valve pit
700-6	700-137	CH47-010B	2084160.79	750790.95	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased sample in valve pit
700-6	700-137	CG46-014A	2084022.41	750739.37	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased sample at SW corner of IHSS
700-6	700-137	CG46-014A	2084022.41	750739.37	Surface Soil	0-0.5	Metals	N/A	6010	Biased sample at SW corner of IHSS
700-6	700-137	CG46-014A	2084022.41	750739.37	Surface Soil	0-0.5	Lithium	N/A	6010	Biased sample at SW corner of IHSS
700-6	700-137	CG46-014A	2084022.41	750739.37	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased sample at SW corner of IHSS
700-6	700-137	CG46-014B	2084022.41	750739.37	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased sample at SW corner of IHSS
700-6	700-137	CG46-014B	2084022.41	750739.37	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased sample at SW corner of IHSS
700-6	700-137	CG46-014B	2084022.41	750739.37	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased sample at SW corner of IHSS
700-6	700-137	CG46-014B	2084022.41	750739.37	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased sample at SW corner of IHSS

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700-6	700-137	CG46-014B	2084022.41	750739.37	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased sample at SW corner of IHSS
700-6	700-137	CH46-032A	2084159.53	750755.31	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased sample at SE corner/OPWL
700-6	700-137	CH46-032A	2084159.53	750755.31	Surface Soil	0-0.5	Metals	N/A	6010	Biased sample at SE corner/OPWL
700-6	700-137	CH46-032A	2084159.53	750755.31	Surface Soil	0-0.5	Lithium	N/A	6010	Biased sample at SE corner/OPWL
700-6	700-137	CH46-032A	2084159.53	750755.31	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased sample at SE corner/OPWL
700-6	700-137	CH46-032B	2084159.53	750755.31	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased sample at SE corner/OPWL
700-6	700-137	CH46-032B	2084159.53	750755.31	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased sample at SE corner/OPWL
700-6	700-137	CH46-032B	2084159.53	750755.31	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased sample at SE corner/OPWL
700-6	700-137	CH46-032B	2084159.53	750755.31	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased sample at SE corner/OPWL
700-6	700-137	CH46-032B	2084159.53	750755.31	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased sample at SE corner/OPWL
700-6	700-137	CG47-029A	2084092.86	750781.73	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased sample at OPWL juncture
700-6	700-137	CG47-029A	2084092.86	750781.73	Surface Soil	0-0.5	Metals	N/A	6010	Biased sample at OPWL juncture
700-6	700-137	CG47-029A	2084092.86	750781.73	Surface Soil	0-0.5	Lithium	N/A	6010	Biased sample at OPWL juncture
700-6	700-137	CG47-029B	2084092.86	750781.73	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased sample at OPWL juncture
700-6	700-137	CG47-029B	2084092.86	750781.73	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased sample at OPWL juncture
700-6	700-137	CG47-029B	2084092.86	750781.73	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased sample at OPWL juncture
700-6	700-137	CG47-029B	2084092.86	750781.73	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased sample at OPWL juncture
700-6	700-137	CG47-029B	2084092.86	750781.73	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased sample at OPWL juncture
700-6	700-137	CG47-029B	2084092.86	750781.73	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased sample at OPWL juncture
700-6	700-137	CG47-029C	2084092.86	750781.73	Subsurface Soil	2.5-4.5	Radionuclides	HPGe	Alpha Spec	Biased sample at OPWL juncture
700-6	700-137	CG47-029C	2084092.86	750781.73	Subsurface Soil	2.5-4.5	Metals	N/A	6010	Biased sample at OPWL juncture
700-6	700-137	CG47-029C	2084092.86	750781.73	Subsurface Soil	2.5-4.5	Lithium	N/A	6010	Biased sample at OPWL juncture
700-6	700-137	CG47-029C	2084092.86	750781.73	Subsurface Soil	2.5-4.5	VOCs	8260	8260	Biased sample at OPWL juncture
700-6	700-137	CG47-029C	2084092.86	750781.73	Subsurface Soil	2.5-4.5	SVOCs	N/A	8270B	Biased sample at OPWL juncture
700-6	700-137	CG47-029D	2084092.86	750781.73	Subsurface Soil	4.5-6.5	Radionuclides	HPGe	Alpha Spec	Biased sample at OPWL juncture
700-6	700-137	CG47-029D	2084092.86	750781.73	Subsurface Soil	4.5-6.5	Metals	N/A	6010	Biased sample at OPWL juncture
700-6	700-137	CG47-029D	2084092.86	750781.73	Subsurface Soil	4.5-6.5	Lithium	N/A	6010	Biased sample at OPWL juncture
700-6	700-137	CG47-029D	2084092.86	750781.73	Subsurface Soil	4.5-6.5	VOCs	8260	8260	Biased sample at OPWL juncture
700-6	700-137	CG47-029D	2084092.86	750781.73	Subsurface Soil	4.5-6.5	SVOCs	N/A	8270B	Biased sample at OPWL juncture
700-6	700-137	CG47-029E	2084092.86	750781.73	Subsurface Soil	6.5-8.5	Radionuclides	HPGe	Alpha Spec	Biased sample at OPWL juncture
700-6	700-137	CG47-029E	2084092.86	750781.73	Subsurface Soil	6.5-8.5	Metals	N/A	6010	Biased sample at OPWL juncture

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700-6	700-137	CG47-029E	2084092.86	750781.73	Subsurface Soil	6.5-8.5	Lithium	N/A	6010	Biased sample at OPWL juncture
700-6	700-137	CG47-029E	2084092.86	750781.73	Subsurface Soil	6.5-8.5	VOCs	8260	8260	Biased sample at OPWL juncture
700-6	700-137	CG47-029E	2084092.86	750781.73	Subsurface Soil	6.5-8.5	SVOCs	N/A	8270B	Biased sample at OPWL juncture
700-6	700-139.1 (S)	CF47-008A	2083923.45	750808.56	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased location in NW corner of IHSS
700-6	700-139.1 (S)	CF47-008A	2083923.45	750808.56	Surface Soil	0-0.5	Metals	N/A	6010	Biased location in NW corner of IHSS
700-6	700-139.1 (S)	CF47-008A	2083923.45	750808.56	Surface Soil	0-0.5	Lithium	N/A	6010	Biased location in NW corner of IHSS
700-6	700-139.1 (S)	CF47-008A	2083923.45	750808.56	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased location in NW corner of IHSS
700-6	700-139.1 (S)	CF47-008B	2083923.45	750808.56	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased location in NW corner of IHSS
700-6	700-139.1 (S)	CF47-008B	2083923.45	750808.56	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased location in NW corner of IHSS
700-6	700-139.1 (S)	CF47-008B	2083923.45	750808.56	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased location in NW corner of IHSS
700-6	700-139.1 (S)	CF47-008B	2083923.45	750808.56	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased location in NW corner of IHSS
700-6	700-139.1 (S)	CF47-008B	2083923.45	750808.56	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased location in NW corner of IHSS
700-6	700-139.1 (S)	CF47-009A	2083922.19	750784.66	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased location in SW corner of IHSS
700-6	700-139.1 (S)	CF47-009A	2083922.19	750784.66	Surface Soil	0-0.5	Metals	N/A	6010	Biased location in SW corner of IHSS
700-6	700-139.1 (S)	CF47-009A	2083922.19	750784.66	Surface Soil	0-0.5	Lithium	N/A	6010	Biased location in SW corner of IHSS
700-6	700-139.1 (S)	CF47-009A	2083922.19	750784.66	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased location in SW corner of IHSS
700-6	700-139.1 (S)	CF47-009B	2083922.19	750784.66	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased location in SW corner of IHSS
700-6	700-139.1 (S)	CF47-009B	2083922.19	750784.66	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased location in SW corner of IHSS
700-6	700-139.1 (S)	CF47-009B	2083922.19	750784.66	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased location in SW corner of IHSS
700-6	700-139.1 (S)	CF47-009B	2083922.19	750784.66	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased location in SW corner of IHSS
700-6	700-139.1 (S)	CF47-009B	2083922.19	750784.66	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased location in SW corner of IHSS
700-6	700-139.1 (S)	CG47-030A	2083953.22	750808.56	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased location in NE corner of IHSS
700-6	700-139.1 (S)	CG47-030A	2083953.22	750808.56	Surface Soil	0-0.5	Metals	N/A	6010	Biased location in NE corner of IHSS
700-6	700-139.1 (S)	CG47-030A	2083953.22	750808.56	Surface Soil	0-0.5	Lithium	N/A	6010	Biased location in NE corner of IHSS
700-6	700-139.1 (S)	CG47-030A	2083953.22	750808.56	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased location in NE corner of IHSS
700-6	700-139.1 (S)	CG47-030B	2083953.22	750808.56	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased location in NE corner of IHSS
700-6	700-139.1 (S)	CG47-030B	2083953.22	750808.56	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased location in NE corner of IHSS
700-6	700-139.1 (S)	CG47-030B	2083953.22	750808.56	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased location in NE corner of IHSS
700-6	700-139.1 (S)	CG47-030B	2083953.22	750808.56	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased location in NE corner of IHSS
700-6	700-139.1 (S)	CG47-030B	2083953.22	750808.56	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased location in NE corner of IHSS
700-6	700-139.1 (S)	CG47-031A	2083951.12	750788.02	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased location in cement pad/depression

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700-6	700-139.1 (S)	CG47-031A	2083951.12	750788.02	Surface Soil	0-0.5	Metals	N/A	6010	Biased location in cement pad/depression
700-6	700-139.1 (S)	CG47-031A	2083951.12	750788.02	Surface Soil	0-0.5	Lithium	N/A	6010	Biased location in cement pad/depression
700-6	700-139.1 (S)	CG47-031A	2083951.12	750788.02	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased location in cement pad/depression
700-6	700-139.1 (S)	CG47-031B	2083951.12	750788.02	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased location in cement pad/depression
700-6	700-139.1 (S)	CG47-031B	2083951.12	750788.02	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased location in cement pad/depression
700-6	700-139.1 (S)	CG47-031B	2083951.12	750788.02	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased location in cement pad/depression
700-6	700-139.1 (S)	CG47-031B	2083951.12	750788.02	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased location in cement pad/depression
700-6	700-139.1 (S)	CG47-031B	2083951.12	750788.02	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased location in cement pad/depression
700-6	700-139.1 (S)	CG47-032A	2083938.54	750792.63	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased location at 50 gallon plastic tank
700-6	700-139.1 (S)	CG47-032A	2083938.54	750792.63	Surface Soil	0-0.5	Metals	N/A	6010	Biased location at 50 gallon plastic tank
700-6	700-139.1 (S)	CG47-032A	2083938.54	750792.63	Surface Soil	0-0.5	Lithium	N/A	6010	Biased location at 50 gallon plastic tank
700-6	700-139.1 (S)	CG47-032A	2083938.54	750792.63	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased location at 50 gallon plastic tank
700-6	700-139.1 (S)	CG47-032B	2083938.54	750792.63	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased location at 50 gallon plastic tank
700-6	700-139.1 (S)	CG47-032B	2083938.54	750792.63	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased location at 50 gallon plastic tank
700-6	700-139.1 (S)	CG47-032B	2083938.54	750792.63	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased location at 50 gallon plastic tank
700-6	700-139.1 (S)	CG47-032B	2083938.54	750792.63	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased location at 50 gallon plastic tank
700-6	700-139.1 (S)	CG47-032B	2083938.54	750792.63	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased location at 50 gallon plastic tank
700-6	700-139.1 (S)	CG47-033A	2083949.86	750798.50	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased location at pipe outfall
700-6	700-139.1 (S)	CG47-033A	2083949.86	750798.50	Surface Soil	0-0.5	Metals	N/A	6010	Biased location at pipe outfall
700-6	700-139.1 (S)	CG47-033A	2083949.86	750798.50	Surface Soil	0-0.5	Lithium	N/A	6010	Biased location at pipe outfall
700-6	700-139.1 (S)	CG47-033A	2083949.86	750798.50	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased location at pipe outfall
700-6	700-139.1 (S)	CG47-033B	2083949.86	750798.50	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased location at pipe outfall
700-6	700-139.1 (S)	CG47-033B	2083949.86	750798.50	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased location at pipe outfall
700-6	700-139.1 (S)	CG47-033B	2083949.86	750798.50	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased location at pipe outfall
700-6	700-139.1 (S)	CG47-033B	2083949.86	750798.50	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased location at pipe outfall
700-6	700-139.1 (S)	CG47-033B	2083949.86	750798.50	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased location at pipe outfall
700-6	700-139.1 (S)	CF47-010A	2083927.64	750798.50	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased sample in depression
700-6	700-139.1 (S)	CF47-010A	2083927.64	750798.50	Surface Soil	0-0.5	Metals	N/A	6010	Biased sample in depression
700-6	700-139.1 (S)	CF47-010A	2083927.64	750798.50	Surface Soil	0-0.5	Lithium	N/A	6010	Biased sample in depression
700-6	700-139.1 (S)	CF47-010A	2083927.64	750798.50	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased sample in depression
700-6	700-139.1 (S)	CF47-010B	2083927.64	750798.50	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased sample in depression

IHSS Group	IHSS/PAC/UBC Site	Location Code	Easting	Northing	Media	Depth Interval	Analyte	Onsite Method	Offsite Method	Comment
700-6	700-139.1 (S)	CF47-010B	2083927.64	750798.50	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased sample in depression
700-6	700-139.1 (S)	CF47-010B	2083927.64	750798.50	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased sample in depression
700-6	700-139.1 (S)	CF47-010B	2083927.64	750798.50	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased sample in depression
700-6	700-139.1 (S)	CF47-010B	2083927.64	750798.50	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased sample in depression
700-6	700-139.1 (S)	CG47-034A	2083941.90	750798.92	Surface Soil	0-0.5	Radionuclides	HPGe	Alpha Spec	Biased sample in depression
700-6	700-139.1 (S)	CG47-034A	2083941.90	750798.92	Surface Soil	0-0.5	Metals	N/A	6010	Biased sample in depression
700-6	700-139.1 (S)	CG47-034A	2083941.90	750798.92	Surface Soil	0-0.5	Lithium	N/A	6010	Biased sample in depression
700-6	700-139.1 (S)	CG47-034A	2083941.90	750798.92	Surface Soil	0-0.5	SVOCs	N/A	8270B	Biased sample in depression
700-6	700-139.1 (S)	CG47-034B	2083941.90	750798.92	Subsurface Soil	0.5-2.5	Radionuclides	HPGe	Alpha Spec	Biased sample in depression
700-6	700-139.1 (S)	CG47-034B	2083941.90	750798.92	Subsurface Soil	0.5-2.5	Metals	N/A	6010	Biased sample in depression
700-6	700-139.1 (S)	CG47-034B	2083941.90	750798.92	Subsurface Soil	0.5-2.5	Lithium	N/A	6010	Biased sample in depression
700-6	700-139.1 (S)	CG47-034B	2083941.90	750798.92	Subsurface Soil	0.5-2.5	VOCs	8260	8260	Biased sample in depression
700-6	700-139.1 (S)	CG47-034B	2083941.90	750798.92	Subsurface Soil	0.5-2.5	SVOCs	N/A	8270B	Biased sample in depression

N/A Not Applicable

### **3.0 REFERENCES**

DOE, 1992 – 2002, Historical Release Reports for the Rocky Flats Plant, Golden, Colorado.

DOE, 2000, Rocky Flats Environmental Technology Site Industrial Area Data Summary Report, Golden, Colorado, September.

DOE, 2001, Industrial Area Sampling and Analysis Plan, Rocky Flats Environmental Technology Site, Golden, Colorado, June.

DOE, 2002, Final Industrial Area Sampling And Analysis Plan FY03 Addendum #IA-03-01 IHSS Groups 300-3, 300-4, 400-8, 700-4, 800-1, And 900-3, Golden, Colorado, December.

DOE, CDPHE, EPA, 2003, Final RFCA Modifications, U.S. Department f Energy, Colorado Department of Public Health and Environment, and U.S. Environmental Agency, Rocky Flats Environmental Technology Site. May.