

**Buffer Zone
Sampling and Analysis Plan
Addendum #BZ-04-02
IHSS Group 900-12, East Trenches
Trenches T-6, T-8, T-9a, and T-9b
IHSSs 111.3, 111.5, 111.6a, and 111.6b**

November 2003

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Approval received from the U.S. Environmental Protection Agency, Region 8

November 17, 2003

Approval letter contained in the Administrative Record.

November 2003

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ACRONYMS

| | |
|-------|--|
| BZ | Buffer Zone |
| BZSAP | Buffer Zone Sampling and Analysis Plan |
| DOE | U.S. Department of Energy |
| FY | Fiscal Year |
| HPGe | high-purity germanium |
| HRR | Historical Release Report |
| IHSS | Individual Hazardous Substance Site |
| MDL | method detection limit |
| ug/kg | micrograms per kilogram |
| mg/kg | milligrams per kilogram |
| NFAA | No Further Accelerated Action |
| N/A | not applicable |
| PCB | polychlorinated biphenyl |
| pCi/g | picocuries per gram |
| PCOC | potential contaminant of concern |
| SAP | Sampling and Analysis Plan |
| SVOC | semi-volatile organic compound |
| VOC | volatile organic compound |
| WRW | wildlife refuge worker |

1.0 INTRODUCTION

This Buffer Zone (BZ) Sampling and Analysis Plan (SAP) (BZSAP) Addendum #BZ-04-02 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 BZSAP Addendum is a supplement to the BZSAP (DOE 2002a) and includes data and proposed sampling locations for portions of IHSS Group 900-12. The associated IHSSs are listed in Table 1. The location of the IHSS Group is shown on Figure 1.

Table 1
BZSAP Addendum #BZ-04-02 IHSS Group

| IHSS Group | IHSSs |
|------------|------------------------|
| 900-12 | NE-111.3, Trench T-6 |
| | NE-111.5, Trench T-8 |
| | NE-111.6a, Trench T-9a |
| | NE-111.6b, Trench T-9b |

IHSS Group 900-12 contains other IHSSs/trenches that are recommended or approved for No Further Accelerated Action (NFAA), including IHSS NE-110/Trench T-3 (approved February 14, 2002 [DOE 2002b]); IHSS-111.1/Trench T-4 and IHSS 111.4/Trench T-7 (approved June 12, 2003 [DOE 2003]); IHSS NE-1412/ Trench T-12 and IHSS NE-1413/Trench T-13 (approved October 7, 2003 [DOE 2003]); and IHSS 111.2/Trench T-5, IHSS 111.7/Trench T-10, and IHSS 111.8/Trench T-11 (final document not published for approval). These sites do not require any further characterization.

2.0 EXISTING IHSS INFORMATION

Existing information and data for the IHSSs are available in Appendix C of the BZSAP (DOE 2002a), the Draft BZ Data Summary Report (DOE 2001), the Historical Release Report for the Rocky Flats Plant (DOE 1992), and the Draft Trenches and Mound Site Characterization Report (DOE 1996). Existing concentrations greater than background means plus two standard deviations, or method detection limits (MDLs), are presented on Figure 2. Table 2 presents PCOCs by IHSS Site.

3.0 SAMPLING

Biased sampling will be conducted to augment the existing data presented on Figure 2. The proposed biased sampling locations (seven) are shown on Figure 3. The proposed sampling and analysis specifications for each IHSS Site are summarized in Table 3 and listed, by sampling location, in Table 4. After characterization starts, the number and type of samples may change based on field conditions and/or sampling results. Changes to sampling specifications will be considered in consultation with the regulatory agencies.

Figure 1
IHSS Group 900-12
Location Map

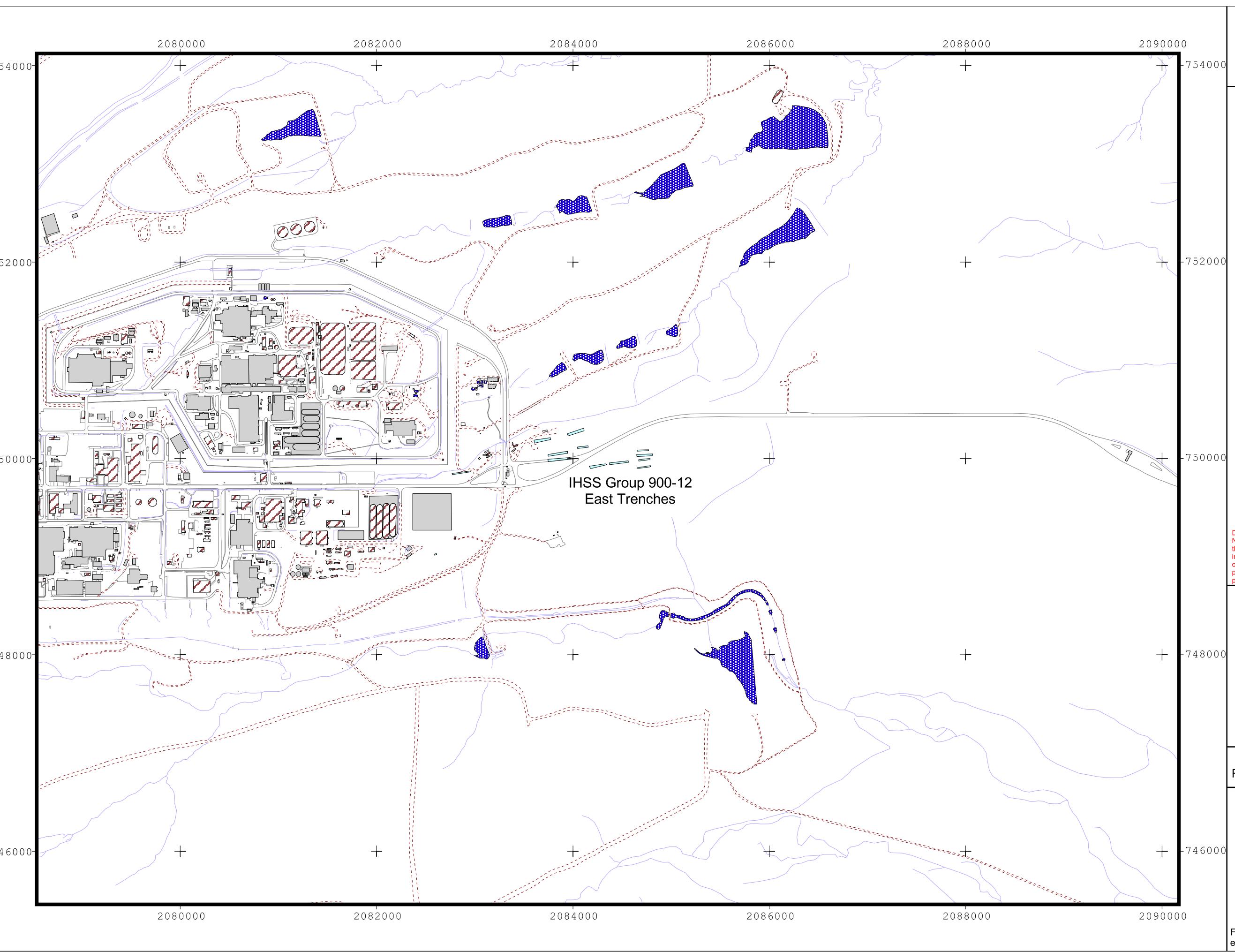


Figure 2

Trenches T-6, T-8, T-9a,
and T-9b, Existing Data
Above Background Means
Plus Two Standard Deviations,
or Reporting Limits

KEY

- Sampling location with a Wildlife Refuge Worker (WRW) Action Level Exceedance
- Sampling location with a Ecological Receptor (Eco) Action Level Exceedance
- Sampling location with concentrations greater than reporting limits (RLs) and less than action levels
- Sampling location with concentrations less than RLs

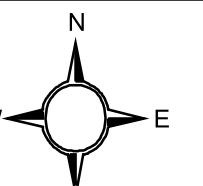
2003 Updated HRR
Trench Boundary

Trench not part of this
BZSAP Addendum

2003 Updated HRR
IHSS Boundary

Paved road

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Scale 1:1,650

State Plane Coordinate Projection
Colorado Central Zone
Datum: NAD 27

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

Prepared by:


Prepared for:

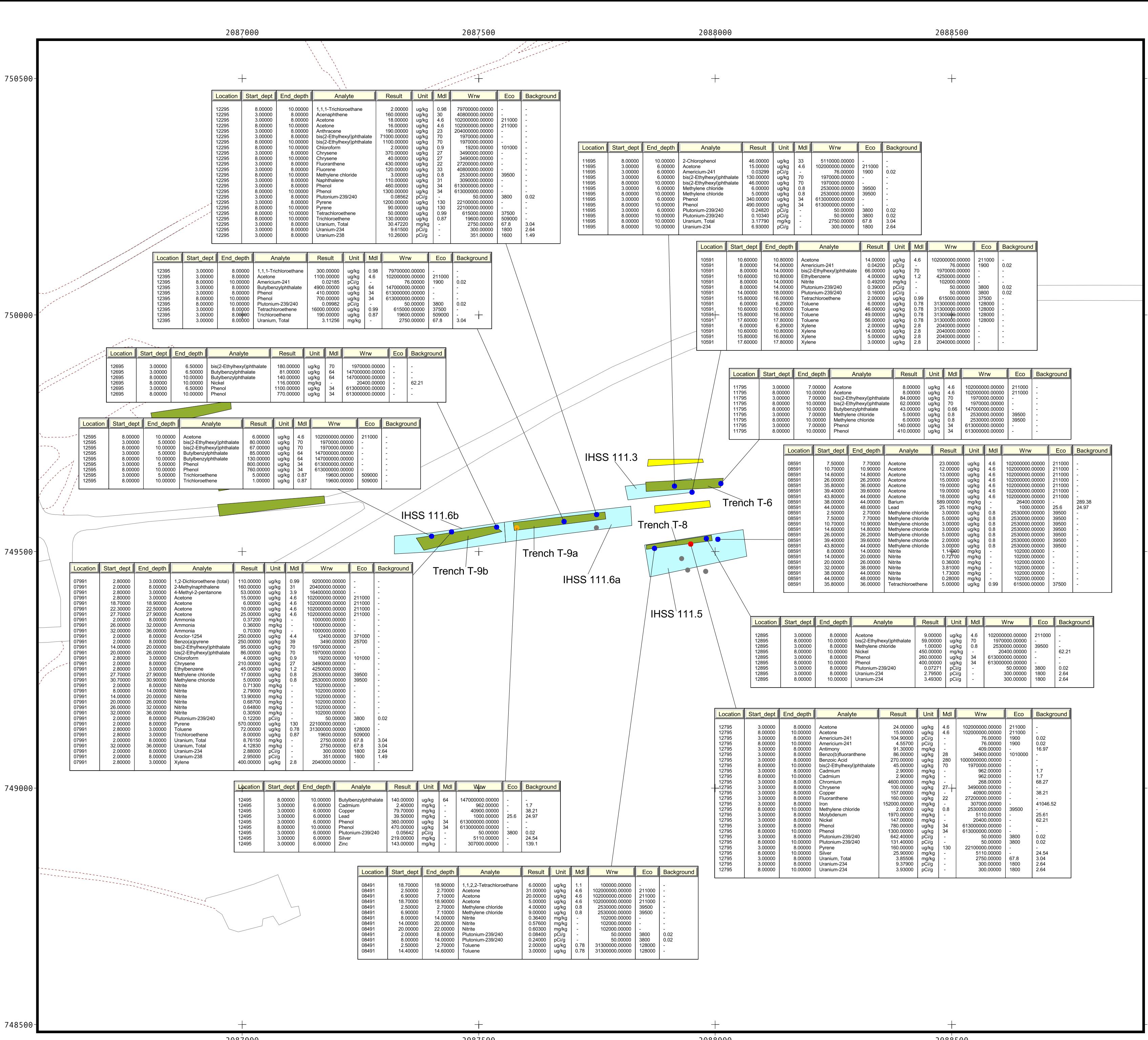



Table 2
Potential Contaminants of Concern

| IHSS Group | Site | PCOCs | Media | Sources | Sampling Type |
|------------|------------------------|--|-----------------------------|--|------------------|
| 900-12 | NE-111.3, Trench T-6 | Radionuclides Metals PCBs SVOCs VOCs | Surface and Subsurface Soil | HRR (DOE 1992) Process knowledge (Draft BZ Data Summary [DOE 2001] and BZSAP [DOE 2002a]) Draft Trenches and Mound Site Characterization Report (DOE 1996) | Biased locations |
| | NE-111.5, Trench T-8 | Radionuclides Metals PCBs SVOCs VOCs | Surface and Subsurface Soil | HRR (DOE 1992) Process knowledge (Draft BZ Data Summary [DOE 2001] and BZSAP [DOE 2002a]) Draft Trenches and Mound Site Characterization Report (DOE 1996) | Biased locations |
| | NE-111.6a, Trench T-9a | Radionuclides Metals PCBs SVOCs VOCs | Surface and Subsurface Soil | HRR (DOE 1992) Process knowledge (Draft BZ Data Summary [DOE 2001] and BZSAP [DOE 2002a]) Draft Trenches and Mound Site Characterization Report (DOE 1996) | Biased locations |
| | NE-111.6b, Trench T-9b | Radionuclides Metals PCBs SVOCs VOCs | Surface and Subsurface Soil | HRR (DOE 1992) Process knowledge (Draft BZ Data Summary [DOE 2001] and BZSAP [DOE 2002a]) Draft Trenches and Mound Site Characterization Report (DOE 1996) | Biased locations |

Figure 3
FY04 Sampling Locations for
IHSS Group 900-12, East Trenches
(Trenches T-6, T-8, T-9a, and T-9b)

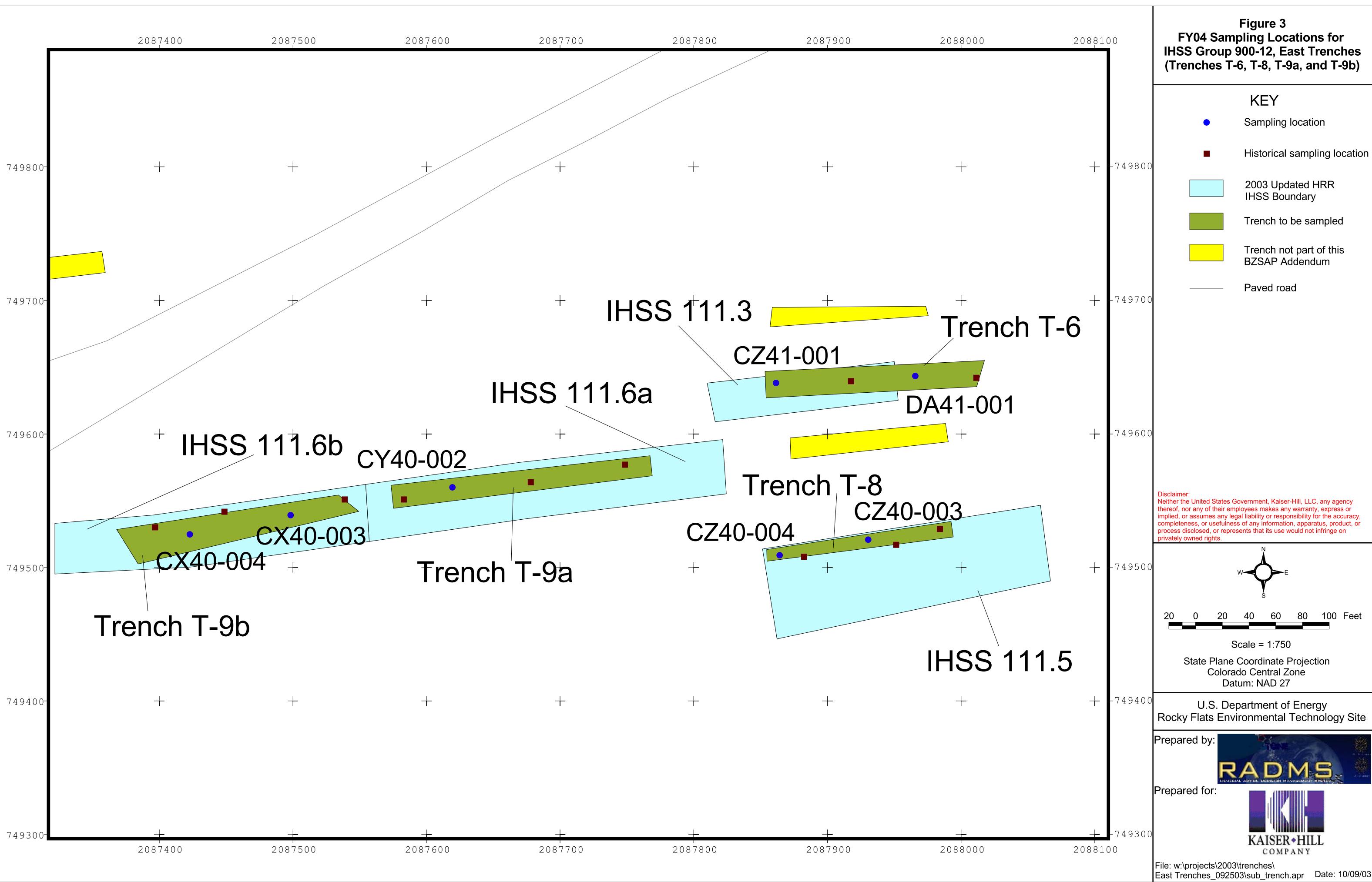


Table 3
Sampling Summary

| Category | Total |
|---------------------------------|--------------|
| Number of Sampling Locations | 7 |
| Number of Samples Collected | 42 |
| Number of Radionuclide Analyses | 42 |
| Number of Metal Analyses | 42 |
| Number of VOC Analyses | 42 |
| Number of SVOC Analyses | 42 |
| Number of PCB Analyses | 42 |

4.0 REFERENCES

- DOE, 1992, Historical Release Report for the Rocky Flats Plant, Golden, Colorado, June.
- DOE, 1996, Draft Trenches and Mound Site Characterization Report, Rocky Flats Environmental Technology Site, Golden, Colorado, September.
- DOE, 2001, Rocky Flats Environmental Technology Site Buffer Zone Data Summary Report, Golden, Colorado, July.
- DOE, 2002a, Buffer Zone Sampling and Analysis Plan, Rocky Flats Environmental Technology Site, Golden, Colorado, June.
- DOE, 2002b, Annual Update for the Historical Release Report, Rocky Flats Environmental Technology Site, Golden, Colorado, September.
- DOE, 2003, Annual Update for the Historical Release Report, Rocky Flats Environmental Technology Site, Golden, Colorado, September.

Table 4
Sampling Specifications for IHSS Group 900-12

| IHSS Group | Trench | Location | Easting | Northing | Media | Depth Interval | Analyte | On-Site Laboratory Method | Off-Site Laboratory Method |
|------------|------------|----------|-------------|------------|-----------------|----------------|---------------|---------------------------|----------------------------|
| 900-12 | Trench T-6 | CZ41-001 | 2087861.492 | 749637.905 | Surface Soil | 0 - 0.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Surface Soil | 0 - 0.5' | Metals | 6200 | 6010 |
| | | | | | Surface Soil | 0 - 0.5' | PCBs | N/A | 8082 |
| | | | | | Surface Soil | 0 - 0.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 0.5 - 2.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 2.5 - 4.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 4.5 - 6.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 6.5 - 8.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 8.5 - 10.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | VOCs | 8260 | 8260 |
| | | DA41-001 | 2087965.658 | 749643.114 | Surface Soil | 0 - 0.5' | Radionuclides | HPGe | Alpha Spec |

| IHSS Group | Trench | Location | Easting | Northing | Media | Depth Interval | Analyte | On-Site Laboratory Method | Off-Site Laboratory Method |
|------------|------------|----------|-------------|------------|-----------------|----------------|---------------|---------------------------|----------------------------|
| | | | | | Surface Soil | 0 - 0.5' | Metals | 6200 | 6010 |
| | | | | | Surface Soil | 0 - 0.5' | PCBs | N/A | 8082 |
| | | | | | Surface Soil | 0 - 0.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 0.5 - 2.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 2.5 - 4.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 4.5 - 6.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 6.5 - 8.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 8.5 - 10.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | VOCs | 8260 | 8260 |
| | Trench T-8 | CZ40-003 | 2087930.502 | 749520.718 | Surface Soil | 0 - 0.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Surface Soil | 0 - 0.5' | Metals | 6200 | 6010 |
| | | | | | Surface Soil | 0 - 0.5' | PCBs | N/A | 8082 |
| | | | | | Surface Soil | 0 - 0.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | Radionuclides | HPGe | Alpha Spec |

| IHSS Group | Trench | Location | Easting | Northing | Media | Depth Interval | Analyte | On-Site Laboratory Method | Off-Site Laboratory Method |
|------------|----------|-------------|------------|----------|-----------------|----------------|---------------|---------------------------|----------------------------|
| | | | | | Subsurface Soil | 0.5 - 2.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 2.5 - 4.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 4.5 - 6.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 6.5 - 8.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 8.5 - 10.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | VOCs | 8260 | 8260 |
| | CZ40-004 | 2087864.096 | 749508.999 | | Surface Soil | 0 - 0.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Surface Soil | 0 - 0.5' | Metals | 6200 | 6010 |
| | | | | | Surface Soil | 0 - 0.5' | PCBs | N/A | 8082 |
| | | | | | Surface Soil | 0 - 0.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 0.5 - 2.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | VOCs | 8260 | 8260 |

| IHSS Group | Trench | Location | Easting | Northing | Media | Depth Interval | Analyte | On-Site Laboratory Method | Off-Site Laboratory Method |
|------------|-------------|----------|-------------|------------|-----------------|----------------|---------------|---------------------------|----------------------------|
| | | | | | Subsurface Soil | 2.5 - 4.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 2.5 - 4.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 4.5 - 6.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 6.5 - 8.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 8.5 - 10.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | VOCs | 8260 | 8260 |
| | Trench T-9a | CY40-002 | 2087619.304 | 749559.780 | Surface Soil | 0 - 0.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Surface Soil | 0 - 0.5' | Metals | 6200 | 6010 |
| | | | | | Surface Soil | 0 - 0.5' | PCBs | N/A | 8082 |
| | | | | | Surface Soil | 0 - 0.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 0.5 - 2.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 2.5 - 4.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | SVOCs | N/A | 8270 |

| IHSS Group | Trench | Location | Easting | Northing | Media | Depth Interval | Analyte | On-Site Laboratory Method | Off-Site Laboratory Method |
|------------|-------------|----------|-------------|------------|-----------------|----------------|---------------|---------------------------|----------------------------|
| | | | | | Subsurface Soil | 2.5 - 4.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 4.5 - 6.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 6.5 - 8.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 8.5 - 10.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | VOCs | 8260 | 8260 |
| | Trench T-9b | CX40-003 | 2087498.210 | 749538.947 | Surface Soil | 0 - 0.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Surface Soil | 0 - 0.5' | Metals | 6200 | 6010 |
| | | | | | Surface Soil | 0 - 0.5' | PCBs | N/A | 8082 |
| | | | | | Surface Soil | 0 - 0.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 0.5 - 2.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 2.5 - 4.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 4.5 - 6.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | PCBs | N/A | 8082 |

| IHSS Group | Trench | Location | Easting | Northing | Media | Depth Interval | Analyte | On-Site Laboratory Method | Off-Site Laboratory Method |
|------------|----------|-------------|------------|----------|-----------------|----------------|---------------|---------------------------|----------------------------|
| | | | | | Subsurface Soil | 4.5 - 6.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 6.5 - 8.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 8.5 - 10.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | VOCs | 8260 | 8260 |
| | CX40-004 | 2087422.690 | 749524.624 | | Surface Soil | 0 - 0.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Surface Soil | 0 - 0.5' | Metals | 6200 | 6010 |
| | | | | | Surface Soil | 0 - 0.5' | PCBs | N/A | 8082 |
| | | | | | Surface Soil | 0 - 0.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 0.5 - 2.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 0.5 - 2.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 2.5 - 4.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 2.5 - 4.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 4.5 - 6.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 4.5 - 6.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 6.5 - 8.5' | Metals | 6200 | 6010 |

| IHSS Group | Trench | Location | Easting | Northing | Media | Depth Interval | Analyte | On-Site Laboratory Method | Off-Site Laboratory Method |
|------------|--------|----------|---------|----------|-----------------|----------------|---------------|---------------------------|----------------------------|
| | | | | | Subsurface Soil | 6.5 - 8.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 6.5 - 8.5' | VOCs | 8260 | 8260 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | Radionuclides | HPGe | Alpha Spec |
| | | | | | Subsurface Soil | 8.5 - 10.5' | Metals | 6200 | 6010 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | PCBs | N/A | 8082 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | SVOCs | N/A | 8270 |
| | | | | | Subsurface Soil | 8.5 - 10.5' | VOCs | 8260 | 8260 |