

**ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
ENVIRONMENTAL RESTORATION
REGULATORY CONTACT RECORD**

Date/Time: July 14, 2003

Site Contact(s): Susan Serreze
Phone: 303-966-2677

Regulatory Contact: Elizabeth Pottorff, Dave Kruchek, Harlen Ainscough
Phone: 303-692-3300

Agency: CDPHE

Purpose of Contact: Consultative Process Meeting-- Meeting Notes

Discussion

**July 14, 2003 Comment Resolution Meetings
For
IHSS Group 900-1 Tunnel Field Completion
IHSS Group 300-3 and 300-4 Field Completion
IHSS Group 500-3 Draft IASAP Addendum
IHSS 133.5 Draft Incinerator Notification
IHSS Group 900-11 Inner Lip Area Notification
IHSS Group 900-4&5 Data Summary Report
IHSS Group 900-2 Data Summary Report
IHSS Group NE/NW Data Summary Report
IHSS Group 000-1 Closeout Report
IHSS Group 000-1 Data Summary Report**

A meeting was held on July 14, 2003 to discuss several topics including field completion for IHSS Group 900-1 Tunnel and IHSS Groups 300-3 and 300-4; IHSS Group 500-3 Draft IASAP Addendum, the draft Incinerator Notification and IHSS Group 900-11 Inner Lip Area Notification; and IHSS Groups 900-4&5, NE/NW, 900-2, 000-1 Data Summary Reports; and IHSS Group 000-1 Closeout Report.

I. Attendees

CDPHE: Harlen Ainscough, Dave Kruchek, Elizabeth Pottorff,
EPA: Gary Kleeman

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DOE: Norma Castaneda, Russ McCallister,
K-H: Laura Brooks, Marcella Broussard, Bob Davis, Karen Wiemelt
K-H Team: Gerry Kelly, Susan Serreze

II. Report Status

Upcoming report status was not discussed.

III. Issues

There are no action levels for dioxins.

IV. Specific Comments

IHSS Group 900-1 Tunnel Field Completion

1. Based on the data collected and presented there is not an exceedance that would result in an ER action at the Building 991 Tunnel.
2. A contact record will be prepared and distributed to formalize this agreement.

IHSS Group 300-3 and 300-4 Field Completion

1. Based on the data collected and presented there is not an exceedance that would result in an ER action at UBCs 371 and 374.
2. A contact record will be prepared and distributed to formalize this agreement.

IHSS Group 500-3 IASAP Addendum

The following resolutions were agreed to:

1. Text will be added to Table 3 regarding tunnel samples. Additionally a dashed line will be added to maps indicating the approximate tunnel location.
2. OPWLs will be sampled if beneath the building or underground.
3. The word "Group" will be added to the fourth line after IHSS in section 1.0.
4. Evidence of beryllium releases that could affect soil will be further discussed with Building 559 staff.
5. PCBs will be added as COCs at UBC 528 and Tank 7.
6. Pesticides and herbicides will be added as COCs at Tank 7.

7. Biased samples will be added at OPWLs if necessary. Mike Auble, Building 559, will research building drawings to determine if P-18 ever existed below grade and if Tanks T-33, T-34, and T-35 ever existed. Text will be added accordingly.
8. The sump noted in the tunnel between Buildings 559 and 528 is in Building 528 (this is already on the map and has sampling locations assigned).
9. Samples collected at P-16 will be designated in Table 3. Additionally, a P-16 designation will be added to the maps.
10. Based on the building walkdown, only one sample will be taken at the tank in the northeaster section of Building 561. Only one sump is present at this location.
11. OPWL will be sampled at the depth specified in RFCA Attachment 14. In this case the sampling depth will be changed from the 2.5 to 4.5 interval.
12. The location of footing drains, sewer lines, and NPWL will be added to the maps.
13. All maps will be checked to make sure that the latitude/longitudes are correct.
14. The docks on the southern and western sides of Building 559 will be added to the maps and samples will be located at the dock locations.

IHSS 133.5 Incinerator Notification

The following resolutions were agreed to:

1. Additional information on slope stabilization activities will be added.
2. Text will be added to the Subsurface Soil Risk Screen explaining that it is limited based on current data and does not result in an action at this time. However, after remediation and confirmation sampling the Subsurface Soil Risk Screen will be re-evaluated.
3. The phrase "24 feet" will be removed from the Subsurface Soil Risk Screen.
4. A map or drawing will be developed showing the configuration of the incinerator.
5. Photographs of the incinerator will be added.
6. Add to the Stewardship Evaluation that we cannot determine if additional monitoring is required until after remediation and data evaluation is complete.
7. Add what specific BMPs will be used at this site.
8. Add a statement that in compliance with RFETS procedures, work will be conducted in accordance with a project-specific Field Implementation Plan
9. A map will be developed showing the location of the low-level concrete that will be removed.
10. Text will be changed to indicate that high-volume air sampling will occur.

IHSS Group 900-11 Inner Lip Area Notification

1. Maps need to show a clearly defined remediation area for both the excavation and soil vacuum areas.
2. Add a statement that in compliance with RFETS procedures, work will be conducted in accordance with a project-specific Field Implementation Plan.
3. Add a statement that in accordance with RFETS procedures, confirmation sampling locations will be described in a work control sampling and analysis plan.
4. Add information on the type of HPGe detector that will be used or if the onsite field laboratory will be used, specify.
5. The second bullet in Section 2.4 will be rewritten.
6. RFETS staff will provide additional information to EPA on proposed plutonium conversion factors.
7. The fact sheet or text on soil vacuuming will be added to the notification.
8. The data boxes on Figure 7 will be revised.
9. Add language to the Subsurface Soil Risk Screen deferring ecological risk to the CRA.
10. The title of the document will be changed to reflect both work areas.
11. Text will be added explaining that the test plot area is part of IHSS Group 900-11.

IHSS Group 900-4&5 Data Summary Report

1. This document will be resent for final verification and approval.

IHSS Group 900-2 Data Summary Report

1. The units on Figures will be rechecked and verified.
2. A statement will be added to the Stewardship Evaluation that new wells will be installed downgradient of this IHSS Group.

IHSS Group NE/NW Data Summary Report

1. Radionuclide SORs will be added.
2. Text will be added stating that sampling location CW40-003 is also part of the Outer 903 Lip Area. This change will also be documented in the HRR.
3. Available groundwater data will be added to the Subsurface Soil Risk Screen
4. Screen 5 of the Subsurface Soil Risk Screen will be reworded.
5. Deviations from the sampling plan will be explained.

6. The plutonium AL will be corrected.
7. The soil end depth for sampling location CW40-003 will be corrected.
8. Table 4 will be corrected to show appropriate background values.
9. Plutonium will be added to summary tables.
10. "Unknown" will be removed from summary table.
11. Detection frequency units (%) will be added to column heading in the summary table.
12. Analytes without RFCA ALs will be left in the summary table but will not be compared to any values.

IHSS Group 000-1 Closeout Report

1. The sampling locations listed in Table 4 and shown on Figure 4 will be cross checked.
2. The Ecological Receptor ALs will be corrected in Appendix C.
3. The location of the lysimeters will be added to the map unless they were removed in accordance with the SEP PAM.
4. Figures 12 and 13 will be corrected.

IHSS Group 000-1 Data Summary Report

1. Text will be added to the second bullet in Section 2.0 stating that the lead Ecological Receptor exceedance will be deferred to the CRA.
2. Surface water monitoring results, where available, will be added to Section 2.0
3. The chromium AL will be corrected.
4. The Arochlor ALs will be rechecked and corrected as appropriate.
5. The DQA completeness section will be rewritten.

IV. Meetings

The next meeting is scheduled for Thursday, July 24, 2003, from 10:00 AM to 12:00 PM.

Distribution:

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S. Serreze, K-H Team
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Administrative Record
ER Meeting Minutes

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