

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE ER REGULATORY CONTACT RECORD

Date/Time	March 3, 2004/ 0900
Site Contact(s) Phone	Joe Hebert, Mike Bemski, Nan Elzinga, and Gerry Kelly 303 966-4979
Regulatory Contact Phone	David Kruchek 303 692-3328
Agency	CDPHE

Purpose of Contact IHSS Group 700-7 – Deviations from IASAP Addendum #IA-03-15

Discussion

Several changes to IASAP Addendum #IA-03-15 were discussed and agreed upon, including sampling and analysis of the OPWL under the Building 779 slab, sampling around the transformer pads, sampling under the Building 782 pit, confirmation sampling within the Room 131/133 Release Area, and sampling and analysis under other UBC 779 features

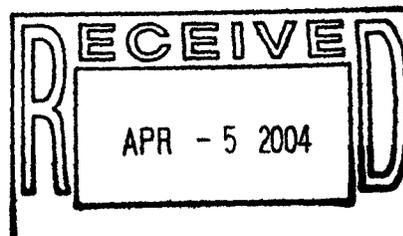
OPWL Under the Building 779 Slab Soil under the OPWL was sampled at three locations (CH46-026, CH46-027 and CI46-006) These samples will not be analyzed for VOCs, because soil was exposed to air This is a deviation from the IASAP Addendum Therefore, after the OPWL excavations have been backfilled and the area made safer for subsurface sampling, the second interval under the OPWL at these locations will be sampled (a 2-foot sample will be collected with a geoprobe), and the samples will be analyzed for radionuclides, metals and VOCs

In addition, the above sampling at the three locations did not address the potential for UBC contamination directly under the slab Therefore, because the upper intervals at these locations have been disturbed by excavation activities, three new locations situated near the three sampled locations (3 to 5 feet from the excavation) will be sampled Only the B interval (0.5 – 2.5 feet) will be collected (a 2-foot sample will be collected with a geoprobe), and it will be analyzed for radionuclides, metals and VOCs This sampling will occur when the second intervals under the OPWL are collected The A intervals in the area (northern half of the slab) will not be collected and analyzed, because it has been disturbed by excavation activities Not sampling the A interval is a deviation from the IASAP Addendum

OPWL locations south of the three locations where the slab has been removed will be sampled from four intervals Because the slab has been removed, samples from the A interval (surface soil) will be collected but not be analyzed for VOCs, which is a deviation from the IASAP Addendum

OPWL locations where the slab has not been removed will be sampled and analyzed as specified in the IASAP Addendum (coordinates, depth intervals, and analytes) This includes sampling and analysis at Locations CH45-066 and CH45-067, which are outside the basement area

Transformer Pads Six sampling locations were in the plan, and each was to be sampled for the first three intervals This has not changed The locations, however, will be altered to match updated information on the pad locations and field conditions In addition, one location was added to sample soil adjacent to the basin located in between the two transformer pads This soil will be collected from one full interval below the basin bottom elevation and all above intervals This soil will be analyzed for radionuclides and PCBs



ADMIN RECORD

IA-A-002036

Building 782 Pit Two soil intervals will be collected from under the pit, as specified in the IASAP Addendum. Because sampling will occur through the pit bottom, samples from both intervals will be analyzed for VOCs. If groundwater prevents collection of soil, a water sample will be taken instead. Analytes will be those specified in the IASAP Addendum.

Room 131/133 Release Area The IASAP Addendum included four characterization sampling locations. Two of the locations have already been sampled. The remaining two locations will be sampled and analyzed in accordance with the IASAP Addendum, including analyzing the first interval for VOCs.

Four confirmation samples will be collected from within the area. Sampling locations were based on characterization data, and sampling will be conducted after the area has been remediated. One interval from the bottom of the excavation (at each location) will be taken and analyzed for radionuclides and metals. The excavation depth in the area will vary based on characterization data and data acquired during soil excavation. The final number and locations of the confirmation samples will depend on data acquired during excavation. Also, confirmation samples may need to be collected from the surface sides of the excavation, as appropriate, not just the bottom. Field instrumentation should be utilized to determine continued excavation and to determine appropriate locations to collect the confirmation samples.

Other UBC 779 Features Samples for these features (basement, OPWL cleanouts, process pits, sanitary drains, tunnels, and elevator pits) will be collected from two intervals if the features are removed prior to sampling. If these features are removed prior to sampling, the sample from the first interval would not be analyzed for VOCs. The sample from the second interval would be analyzed for VOCs. The other analytes for the two intervals are those specified in the IASAP Addendum. If a specific feature is not removed, only one sample would be collected from the first interval under the feature, in accordance with the IASAP Addendum. This sample would be analyzed for VOCs.

Contact Record Prepared By Gerry Kelly

Required Distribution

S Bell, RFFO
L Brooks, K-H ESS
L Butler, K-H RISS
C Deck, K-H Legal
S Gunderson, CDPHE
J Legare, RFFO
L Norland, K-H RISS

D Mayo, K-H RISS
J Mead, K-H ESS
S Nesta, K-H RISS
K North, K-H ESS
D Shelton, K-H
C Spreng, CDPHE

Additional Distribution

(choose names as applicable)

M Broussard, K-H RISS
J Hindman, CDPHE
G Kleeman, USEPA
D Kruchek, CDPHE
A Primrose, K-H RISS
E Pottorff, CDPHE

2/2