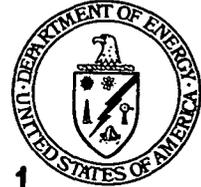




Department of Energy

Ohio Field Office
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P. O. Box 538705
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FEB 15 2000

Mr. James A. Saric, Remedial Project Manager
U.S. Environmental Protection Agency
Region V, SRF-5J
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

DOE-0403-00

Mr. Tom Schneider, Project Manager
Ohio Environmental Protection Agency
401 East 5th Street
Dayton, Ohio 45402-2911

Dear Mr. Saric and Mr. Schneider:

TRANSMITTAL OF THE FINAL CERTIFICATION DESIGN LETTER AND REVISED PROJECT SPECIFIC PLAN FOR AREA 1, PHASE II CERTIFIED FOR REUSE AREAS, TRAP RANGE, SECTOR 2C, AND SECTOR 3 CERTIFICATION SAMPLING

Reference: Letter DOE-0357-00, J. Reising to J. Saric and T. Schneider, "Transmittal of Responses to Ohio Environmental Protection Agency Comments on the Draft Certification Design Letter and Draft Project Specific Plan for Area 1, Phase II Certified for Reuse Areas, Trap Range, Sector 2C, and Sector 3 Certification Sampling," dated January 26, 2000

Enclosed for your review and approval is the final Certification Design Letter (CDL) and the revised Project Specific Plan (PSP) for Area 1, Phase II (A1PII) Certified for Reuse Areas, Trap Range, Sector 2C, and Sector 3 Certification Sampling. The CDL submitted is Revision 0 and the PSP is Revision 2. Revision 1 of the PSP was issued internally to proceed with sampling of Certification Units (CU) west of the former North Access Road. The comment responses focused on the reconfiguration of the CU in the Removal Action 14 (RA) excavation footprint. These have been incorporated into the CDL and PSP, as well as the following items discussed, with the Ohio Environmental Protection Agency on February 8, 2000:

- Method detection limits (MDL) for arsenic, antimony, aroclor-1254 and aroclor-1260 were raised to levels which the laboratories could attain without deviating from approved procedures. The modified values are noted in Appendix C of the PSP.

- Final boundaries and sample locations for CU A1P2-S2LL-02 are included in the appropriate figures in both the PSP and CDL. Coordinates for sample points are included in Appendix B of the PSP.
- CU A1P2-S2SB-01 and A1P2-S2LL-02 were added to the list of CU to be validated to Analytical Support Level (ASL) D to meet the minimum requirement for the CU west of the former North Access Road. Additionally, CU A1P2-S3SA-09 will be validated to ASL D instead of CU A1P2-S3SA-09 to meet the minimum requirement for CU east of the former North Access Road.
- The duplicate sample from CU A1P2-S2LL-01 was collected using a 9-inch sample interval from one boring instead of standard 6-inch intervals from adjacent borings and the duplicate sample was collected from point 7 instead of point 14.
- As noted in Appendix B, archive samples were collected and analyzed for arsenic and lead (TAL C) for CU A1P2-S2SB-01. Analyses were needed because statistical analysis showed a failure for arsenic for the *a posteriori* sample size collection.
- The archive samples for radiation/metals will be collected for CU where pumping of rainwater is necessary prior to sampling. Affected CU are A1P2-S3DP-01, A1P2-S3DP-02, A1P2-S1SB-02, A1P2-S1TR-01, A1P2-S1TR-02, A1P2-S1TR-03, and A1P2-S1TR-04.
- Coordinates were revised in Appendix B of the PSP for three sample points. A1P2-S2SP-02-16 was moved more than 10 feet because it fell under a trailer. A1P2-S2SB-04-04 was moved approximately 6 feet north to avoid an upright overflow outlet pipe and rock pile. A1P2-S2OS-01-10 fell on the slope of a roadway and was moved approximately 7.5 feet northwest to the toe of the slope. Movement of these sample points did not exceed the criteria for minimum distance.
- Because the RA14 excavation areas were not backfilled and sample results are not above Final Remediation Level (FRL) in RA 14 excavation areas within CU A1P2-S3-HR-04 and A1P2-S3SA-02, additional samples will not be collected.
- Provisions for modified sample ID was included for cases where the sample ID exceeds the 20-character limit for this field in the Site-wide Environmental Database.

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Mr. James A. Saric
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- The sampling approach for CU A1P2-S3HR-05 was revised to collect the top 6-inch interval of soil beneath the pavement and gravel sub-base and to omit Waste Acceptance Criteria (WAC) sampling.
- If field conditions warrant, samples from four locations in CU A1P2-S10F-01 will be collected from sediment surrounding the rocks instead of the soil beneath the geotextile layer.

Additionally, a variance will be submitted for the samples which fall within the deep excavation pits at the former Sewage Treatment Plant. Samples will be collected from any sediment, which has accumulated at the bottom of the pit, as well as from the undisturbed native soil below. All data points will be used in determining if the CU meets certification criteria.

If you have any questions or require additional information on these documents, please contact Robert Janke at (513) 648-3124.

Sincerely,



Johnny W. Reising
Fernald Remedial Action
Project Manager

FEMP:R.J. Janke

Enclosures

Mr. James A. Saric
Mr. Tom Schneider

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FEB 15 2000

cc w/enclosure:

R. J. Janke, OH/FEMP
G. Jablonowski, USEPA-V, SRF-5J
T. Schneider, OEPA-Dayton (three copies of enclosure)
F. Bell, ATSDR
M. Schupe, HSI GeoTrans
R. Vandegrift, ODH
F. Barker, Tetra Tech
AR Coordinator, Fluor Fernald/78

cc w/o enclosure:

N. Hallein, EM-42/CLOV
A. Tanner, OH/FEMP
D. Carr, Fluor Fernald/52-2
T. Hagen, Fluor Fernald/65-2
J. Harmon, Fluor Fernald/90
S. Hinnefeld, Fluor Fernald/31
T. Walsh, Fluor Fernald/65-2
ECDC, Fluor Fernald/52-7

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