Department of Energy

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AUG 24 1999

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

DOE-1071-99

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

Dear Mr. Saric and Mr. Schneider:

TRANSMITTAL OF THE AREA 2, PHASE I FIRING RANGE ADDENDUM TO THE VERIFICATION OF TREATMENT REPORT FOR THE AREA 1, PHASE II TRAP RANGE STABILIZATION PROJECT

Enclosed is the Area 2, Phase I Firing Range Addendum to the Verification of Treatment Report (VTR) for the Area 1, Phase II Trap Range Stabilization Project. This report summarizes the stabilization methods used and the post-treatment Toxicity Characteristic Leachate Procedure (TCLP) lead data. All TCLP lead data are below the 5.0 mg/L concentrations and, therefore, no longer characteristically hazardous. Agency concurrence is requested to excavate the stabilized Firing Range soils for final disposition into the On-Site Disposal Facility (OSDF).

Recycled and Recyclable

The Fernald Environmental Management Project (FEMP) split all eight samples taken for TCLP lead at the Firing Range. Department of Energy (DOE) also analyzed for total lead to verify that the samples did contain appreciable amounts of lead. The table below summarizes the results:

Sample Number	Total Lead (mg/kg)	TCLP Lead (μg/L)
A2P1FR-A-1	667	17.3
A2P1FR-A-2	551	18.8
A2P1FR-A-3	518	70.6
A2P1FR-A-4	405	16.6
A2P1FR-B-1	1960	14.4
A2P1FR-B-2	449	32.4
A2P1FR-B-3	519	67.1
A2P1FR-C-1	223	90.2

Where: A2P1FR = A2P1 Firing Range
A, B, or C = areas A, B, or C from the Verification of Treatment Sampling Plan
1, 2, 3, or 4 = sample number within those areas

Elevation measurements taken following stabilization verify the depth of stabilization treatment as specified in the construction drawings. Over-excavation of the stabilized soil may occur due to the steepness of the existing surrounding embankment.

If you have any questions or concerns regarding these responses, please contact Robert Janke at (513) 648-3124.

Sincerely,

Johnny Reising

Johnny W. Reising
Fernald Remedial Action
Project Manager

FEMP:R.J. Janke

Enclosure

cc w/enclosure:
N. Hallein, EM-42/CLOV
G. Jablonowski, USEPA-V, SRF-5J
T. Schneider, OEPA – Dayton (three copies of enclosure)
F. Bell, ATSDR
M. Schupe, HSI Geo Trans
R. Vandegrift, ODH
F. Barker, Tetra Tech
AR Coordinator, FDF/78

cc w/o enclosure:
J. Reising, OH/FEMP
A. Tanner, OH/FEMP
D. Carr, FDF/52-2
J. Chiou, FDF/52-0
T. Crawford, FDF/52-0
T. Hagen, FDF/65-2
J. Harmon, FDF/90
R. Heck, FDF/2
M. Heinen, FDF/52-0
M. Hickey, FDF/64
S. Hinnefeld, FDF/31
U. Kumthekar, FDF/64
T. Walsh, FDF/65-2
ECDC, FDF/52-7