



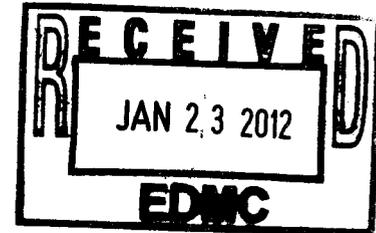
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Department of Energy
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

12-AMCP-0042
REISSUE

DEC 27 2011

Mr. D. A. Faulk, Program Manager
Office of Environmental Cleanup
Hanford Project Office
U.S. Environmental Protection Agency
309 Bradley Boulevard, Suite 115
Richland, Washington 99352



Dear Mr. Faulk:

REISSUE - REMEDIAL INVESTIGATION/FEASIBILITY STUDY FOR THE 300-FF-1, 300-FF-2, AND 300-FF-5 OPERABLE UNITS, DOE/RL-2010-99, DRAFT A AND PROPOSED PLAN FOR THE REMEDIATION OF 300-FF-1, 300-FF-2, AND 300-FF-5 OPERABLE UNITS, DOE/RL-2011-47, DRAFT A

This letter is being reissued to correct the document number "DOE/RL-2011-47, Draft A, in the subject line." The attachments sent with the first letter are still applicable.

This letter transmits the Remedial Investigation/Feasibility Study for the 300-FF-1, 300-FF-2, and 300-FF-5 Operable Units, DOE/RL-2010-99, Draft A and Proposed Plan for the Remediation of 300-FF-1, 300-FF-2, and 300-FF-5 Operable Units, DOE/RL-2011-47, Draft A to the U.S. Environmental Protection Agency (EPA).

These documents are considered "primary documents" as described in Section 9.2 of the Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) with a 45 day review period unless extended by written notice. Copies of these documents are provided to the State of Washington Department of Ecology and the Administrative Record. Copies will also be provided to the tribes, State of Oregon and the Hanford Advisory Board in accordance with the Community Relations Plan.

The Proposed Plan describes five remedial alternatives and recommends a preferred alternative. All of the 300 Area waste sites are evaluated. The 300 Area includes 277 waste sites in the 300 FF-1 and 300 FF-2 Source Operable Units. Of these waste sites, 122 waste sites have been identified for no further action (final closed or interim closed) based on previous investigations and remedial actions. The remaining 155 waste sites are being recommended for additional remedial action. In addition, the Proposed Plan addresses the groundwater contamination from uranium, tritium, hexavalent chromium, nitrate, gross alpha, trichloroethene, and cis-1 2-dichloroethene in the 300-FF-5 Operable Unit.

Alternative 2 through Alternative 5 include the continuation of active remediation developed under the remedial action decisions made to date for the waste sites. Soil clean-up levels proposed for the protection of human health and the environment and for groundwater protection are not relaxed from current levels; the proposed clean-up level for uranium to protect

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groundwater is revised to a lower value, based on a revised conceptual model. The difference in Alternative 2 through Alternative 5 is the approach to address the continuing sources of uranium to achieve restoration of the aquifer.

Recent discussions concerning the use of irrigation in determining clean-up levels and the incorporation of coal ash sites are not addressed in this draft of the documents. Orchard lands are not known to occur in the 300 Area.

This completes Tri-Party Agreement Milestone Target Date M-015-72-T01, "Submit Comprehensive Environmental Response, Compensation, and Liability Act Remedial Investigation/Feasibility Study Report and Proposed Plan for 300-FF-2 and 300-FF-5 Operable Units for Groundwater and Soil to the U.S. Environmental Protection Agency" by December 31, 2011.

If you have any questions, please contact me, or your staff may contact, Briant Charboneau, of my staff, on (509) 373-6137.

Sincerely,



Jonathan A. Dowell, Assistant Manager
for the Central Plateau

AMCP:KMT

Attachments

cc w/attachs:

G. Bohnee, NPT
L. Buck, Wanapum
L. E. Gadbois, EPA
S. Harris, CTUIR
J. A. Hedges, Ecology
R. Jim, YN
S. L. Leckband, HAB
N. M. Menard, Ecology
K. Niles, ODOE
D. Rowland, YN (4) plus 2 CDs
✓ Administrative Record
Environmental Portal

cc w/o attachs:

M. R. Adams, CHPRC
L. M. Dittmer, CHPRC
D. E. Dooley, CHPRC
R. H. Engelmann, CHPRC
W. R. Faight, CHPRC
B. H. Ford, CHPRC
R. A. Kaldor, MSA
T. W. Noland, MSA
R. E. Piippo, MSA

Attached to: 0100555 & 0100568