0076818

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

08-AMCP-0148

MAR 28 2008

Ms. J. A. Hedges, Program Manager
Nuclear Waste Program
State of Washington
Department of Ecology
3100 Port of Benton
Richland, Washington 99354

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Mr. N. Ceto, Program Manager
Office of Environmental Cleanup
Hanford Project Office
U.S. Environmental Protection Agency
309 Bradley Blvd., Suite 115
Richland, Washington 99352

Addressees:

DEEP VADOSE ZONE TREATABILITY TEST PLAN FOR THE HANFORD CENTRAL PLATEAU, DOE/RL-2007-56, REVISION 0

The purpose of this letter is to transmit the Deep Vadose Zone Treatability Test Plan for the Hanford Central Plateau, DOE/RL-2007-56, Revision 0 for your information. The U.S. Department of Energy, Richland Operations Office (RL) received comments on Draft A from the U.S. Environmental Protection Agency (EPA) and State of Washington Department of Ecology (Ecology) in a joint letter dated January 22, 2008. Revision 0 of the Test Plan reflects changes requested by EPA and Ecology as well as comments received from the Tribes, State of Oregon, and stakeholders.

Primary changes from Draft A to Revision 0 of the Test Plan are the inclusion of two detailed treatability test plans for Technetium 99 and Uranium and the modification of the schedule to include the detailed testing. Additional clarification is provided on the Comprehensive Environmental Response, Compensation, and Liability Act context and rationale for the Technetium 99 and Uranium treatability tests and locations. Draft Tri-Party Agreement Milestone Change Control Forms M-15-08-03, "Addition of Interim Milestone M-015-52 for Deep Vadose Zone Work Plan," and M-15-08-04, "Addition of Interim Milestones M-015-53, 54, and 55 to Hanford Federal Facility Agreement and Consent Order to support the decision process to select a final remedy," are also included for your review and comment. These change control forms include milestones for treatability testing and establishing deep vadose zone operable unit(s).

If there are any questions, please contact me, or your staff may contact Matt McCormick, Assistant Manager for the Central Plateau, on (509) 373-9971.

Sincerely,

for David A. Brockman
Manager

AMCP:JGM

Attachments

cc w/attachs:
G. Bohnee, NPT
L. Buck, Wanapum
C. E. Cameron, EPA
G. P. Davis, Ecology
R. H. Engelmann, EFSH
D. A. Faulk, EPA
D. Goswami, Ecology
S. Harris, CTUIR
R. Jim, YN
S. L. Leckband, HAB
R. A. Lobos, EPA
K. Niles, ODOE
R. E. Piippo, FHI
J. B. Price, Ecology
J. G. Vance, FFS
R. E. Wilkinson, FFS
Administrative Record
Environmental Portal

Change Number DRAFT M-15-08-03	Federal Facility Agreement and Consent Order Change Control Form Do not use blue ink. Type or print using black ink.	Date March 24, 2008

Originator

Briant Charboneau

Phone

(509) 373-6137

Class of Change

[ ] I - Signatories [X] II - Executive Manager [ ] III - Project Manager

Change Title

Addition of Interim Milestone M-015-52 for Deep Vadose Zone Work Plan

Description/Justification of Change

This change package creates a new interim milestone M-015-52 for submittal of:

- An RI/FS work plan for new deep vadose zone operable unit(s) and
- A Tri-Party Agreement change package to include dates for FS/PP submittal

This will allow work under the major milestone M-015-00C to conclude. That M-015 work will provide important characterization data and decisions that will support the RI/FS work plan. A Remedial Design/Remedial Action Work Plan containing enforceable schedules for construction of the remedy selected will be created following the approval of a Record of Decision. An additional TPA change package(s) will need to be created to define the areas to be included in the new deep vadose zone operable unit(s).

Impact of Change

Approval of this change package adds a new interim milestone for an RI/FS work plan for the deep vadose zone and provides a path for establishing future FS/PP.

Affected Documents

The Hanford Federal Facility Agreement and Consent Order, as amended, and Hanford Site internal planning, management and budget documents (e.g., baseline control documents, related work authorization and directives).

Approvals

DOE	Date	_____Approved_____Disapproved
EPA	Date	_____Approved_____Disapproved
Ecology	Date	_____ Approved_____Disapproved

Changes to Appendix D are displayed by Highlighting to indicate addition of text and by ~~Strikeout~~ to indicate deletion of text.

M-015-52	SUBMIT RI/FS WORK PLAN FOR DEEP VADOSE ZONE INCLUDING A TPA MILESTONE CHANGE PACKAGE FOR AN FS/PP SUBMITTAL DATE.	12/31/2012

Change Number DRAFT M-15-08-04	Federal Facility Agreement and Consent Order Change Control Form Do not use blue ink. Type or print using black ink.	Date March 24, 2008

Originator

Briant Charboneau

Phone

(509) 373-6137

Class of Change

[ ] I - Signatories [X] II - Executive Manager [ ] III - Project Manager

Change Title

Addition of Interim Milestones M-015-53, -54, and -55 to Hanford Federal Facility Agreement and Consent Order to support the decision process to select a final remedy.

Description/Justification of Change

This change package creates three new interim milestones in the M-015 series:

- M-015-53 Mobilize operations for field test activities for Desiccation Field Testing at 200-BC-1 (BC Cribs) for Tc-99 removal. 12/30/2009
- M-015-54 Submit status report on Desiccation Field Testing at 200-BC-1 for Tc-99 removal. The results will be used in the 200-BC-1 Feasibility Study. 12/30/2010
  M-015-55 Submit uranium test status report that will support future decision making. 12/30/2011

These milestones are for field testing in support of determining appropriate remediation technologies for the deep vadose zone in the Central Plateau area.

Impact of Change

Approval of this change package adds new interim milestones for determining appropriate remediation technologies for the deep vadose zone in the Central Plateau area.

Affected Documents

The Hanford Federal Facility Agreement and Consent Order, as amended, and Hanford Site internal planning, management and budget documents (e.g., baseline control documents, related work authorization and directives).

Approvals

_____ _____ _____Approved_____Disapproved
DOE Date

_____ _____ _____Approved_____Disapproved
EPA Date

_____ _____ _____ Approved_____Disapproved
Ecology Date

Changes to Appendix D are displayed by Highlighting to indicate addition of text and by ~~Strikeout~~ to indicate deletion of text.

M-015-53	MOBILIZE OPERATIONS FOR FIELD TEST ACTIVITIES FOR DESICCATION FIELD TESTING AT 200-BC-1 (BC CRIBS) FOR TC-99 REMOVAL.	12/30/2009
M-015-54	SUBMIT STATUS REPORT ON DESICCATION FIELD TESTING AT 200-BC-1 FOR TC-99 REMOVAL. THE RESULTS WILL BE USED IN THE 200-BC-1 FEASIBILITY STUDY.	12/30/2010
M-015-55	SUBMIT URANIUM TEST STATUS REPORT THAT WILL SUPPORT FUTURE DECISION MAKING.	12/30/2011