0078344

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

08-AMCP-0197

JUN 24 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 Boulevard, 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 respond to comments received from the State of Washington Department of Ecology (Ecology) dated May 16, 2008, and the U.S. Environmental Protection Agency (EPA) dated May 13, 2008, on the Deep Vadose Zone Treatability Test Plan for the Hanford Central Plateau, DOE/RL-2007-56, Revision 0. The U.S. Department of Energy, Richland Operations (RL) met with representatives from Ecology and EPA on June 2, 2008, to discuss resolution of comments. As a result of these discussions, RL agrees to accelerate the work on initial testing for Technetium-99 and Uranium and to provide budget and schedule information for testing additional deep vadose zone technologies.

A revised schedule (Figure 6-1) is enclosed showing revisions to the following new Tri-Party Agreement Interim Milestones.

1. M-015-53, "Mobilize Operations for Field Test Activities for Desiccation Field Testing at 200-BC-1 (BC Cribs) for Technetium-99 Removal," accelerated six months from December 31, 2009, to June 30, 2009.
2. M-015-54, "Submit Uranium Testing Report That Will Support Decision Making," modified to require submission of a report on reactive gas testing for sequestration of Uranium (laboratory and bench scale testing) on January 31, 2010, (an acceleration of approximately 12 months).

Acceleration of these efforts will provide timely input of information to the Feasibility Study and Proposed Plans for the 200-BC-1 (M-015-51), 200-BP-5(M-015-21A), 200-SW-2/200-TW-1 (M-015-42D), and 200-TW-2 (M-015-42E) Operable Units.

Enclosed is draft Tri-Party Agreement M-15-08-04 Change Package for the two interim milestones. The previously submitted draft Tri-Party Agreement M-15-08-03 Change Package is withdrawn as discussed and will be submitted at a later date. RL will also provide the requested information on additional testing of deep vadose technologies as discussed in the plan (Figure 4-1). However, RL requests an extension to July 31, 2008, to provide the baseline schedule and budget information.

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

Sincerely,

David A. Brockman
Manager

AMCP:JGM

Enclosures

cc w/encls:
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-15-08-04	Federal Facility Agreement and Consent Order Change Control Form Do not use blue ink. Type or print using black ink.	Date June 6, 2008

Originator | **Phone**

Briant Charboneau | (509) 373-6137

Class of Change

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

Change Title

Addition of Tri-Party Agreement Interim Milestones M-015-53 and M-015-54 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 two 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 to support decision making. 6/30/2009
- M-015-54, Submit Report on Reactive Gas Testing for Sequestration of Uranium that will support decision making. 1/31/2010

These milestones are for testing (laboratory, bench scale and/or field scale) 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

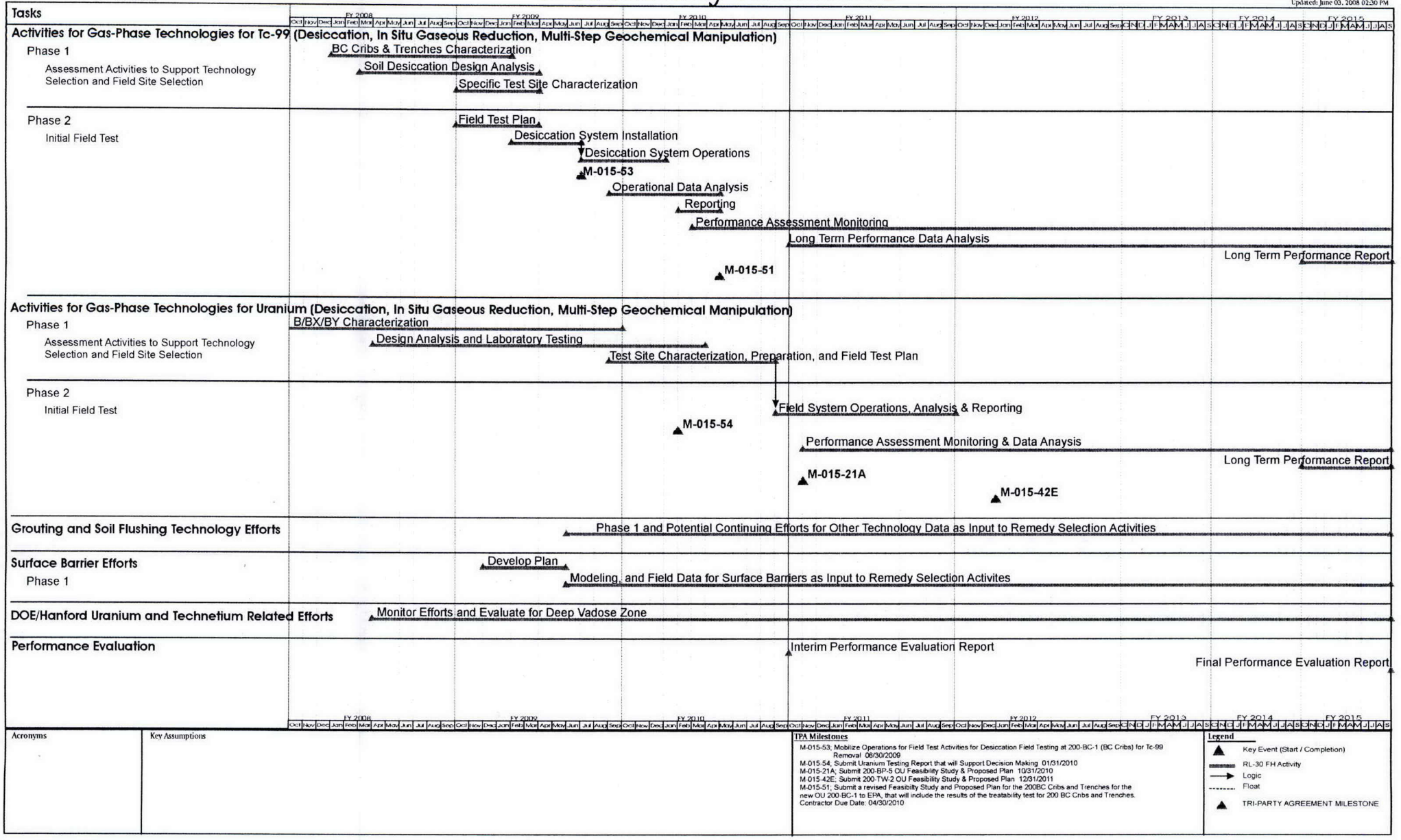
Changes to Appendix D are displayed by Highlighting to indicate addition of text and by ~~Strikeout~~ to indicate deletion of text.

M-015-53	MOBILIZE OPERATIONS FOR FIELD TEST ACTIVITIES FOR DESICCATION FIELD TESTING AT 200-BC-1 (BC CRIBS) FOR TC-99 TO SUPPORT DECISION MAKING	6/30/2009
M-015-54	SUBMIT REPORT ON REACTIVE GAS TESTING FOR SEQUESTRATION OF URANIUM THAT WILL SUPPORT DECISION MAKING	1/31/2010

Soil & Groundwater Remediation Project

Treatability Activities

S&GRP\GRP\B Bryce\Schedule of Treatability Activities 11x17.dcs
Updated: June 03, 2008 02:30 PM



Acronyms

Key Assumptions

TPA Milestones

M-015-53; Mobilize Operations for Field Test Activities for Desiccation Field Testing at 200-BC-1 (BC Cribs) for Tc-99 Removal 06/30/2009
M-015-54; Submit Uranium Testing Report that will Support Decision Making 01/31/2010
M-015-21A; Submit 200-BP-5 OU Feasibility Study & Proposed Plan 10/31/2010
M-015-42E; Submit 200-TW-2 OU Feasibility Study & Proposed Plan 12/31/2011
M-015-51; Submit a revised Feasibilty Study and Proposed Plan for the 200BC Cribs and Trenches for the new OU 200-BC-1 to EPA, that will include the results of the treatability test for 200 BC Cribs and Trenches. Contractor Due Date: 04/30/2010

Legend

- Key Event (Start / Completion)
- RL-30 FH Activity
- Logic
- Float
- TRI-PARTY AGREEMENT MILESTONE