

**Meeting Minutes Transmittal/Approval  
Project Managers' Meeting  
200 Area Groundwater and Source Operable Units  
1200 Jadwin, Richland, Washington  
January 15, 2009**

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APPROVAL: Margo Voogd Date: 1-27-09  
Margo Voogd, 200 Area Project Manager, DOE/RL

APPROVAL: Arlene Tortoso Date: 1/27/09  
Arlene Tortoso, 200 Area Unit Manager, DOE/RL

APPROVAL: Craig Cameron Date: 1/27/09  
Craig Cameron, 200 Area Project Manager, EPA

APPROVAL: John Price Date: 1-27-2009  
John Price, 200 Area Unit Manager, Ecology

HFFACO Action Plan Section 4.1 requires signature of agreements and commitments made during the Unit Manager Meeting. Approval of these minutes documents approval of agreements and commitments documented in Attachment 3 to these minutes. Approval does not apply to any other attachments, which are included in these minutes for informational purposes.

**RECEIVED**  
JAN 29 2009

**EDMC**

Minutes of the 200 Area Project Managers' Meeting of January 15, 2009 are attached.  
Minutes are comprised of the following:

- |              |  |
|--------------|--|
| Attachment 1 | Attendance Record  |
| Attachment 2 | Agreements and Issues List   |
| Attachment 3 | Action Item List   |
| Attachment 4 | Operable Units and Facilities Status   |
| Attachment 5 | Change Notice for Modifying Approved Documents/Workplans In Accordance with the Tri-Party Agreement Action Plan, Section 9.0, Documentation and Records (TPA-CN-252) |
| Attachment 6 | Change Notice for Modifying Approved Documents/Workplans In Accordance with the Tri-Party Agreement Action Plan, Section 9.0, Documentation and Records (TPA-CN-253) |

**DISTRIBUTION  
PROJECT MANAGERS' MEETING,  
200 AREA GROUNDWATER SOURCE OPERABLE UNITS  
January 15, 2009**

DOE/RL

(No hard copy distribution)

EPA

Craig Cameron

B1-46

Ecology

John Price

H0-57

FH

Janice Williams (original)

E6-35

Administrative Record (2)

H6-08

Correspondence Control

A3-01





**200 Area Project Managers' Meeting  
Agreements and Issues List  
January 15, 2009**

**Agreement:** TPA-CN-252 for DOE/RL-92-76, Revision 1, Remedial Investigation/Feasibility Study Work Plan for the 200-UP-1 Groundwater Operable Unit: Update RI tasks to reflect actual dates for well completion and initiation of well monitoring, reduce the duration of the two year well monitoring task to one year, initiate work on the RI and FS Report in February 2009 to reflect that the RI and FS reports will be combined (**Attachment 5**).

**Agreement:** TPA-CN-253 for DOE/RL-2007-31, Revision 0, Remedial Investigation/Feasibility Study Work Plan for the 200-PO-1 Groundwater Operable Unit: Revise RI/FS Work Plan Schedule to remove RI Phase II activities and delete Work Plan tasks scheduled to occur after 930/08. (**Attachment 6**).

**Issue:** None identified.

**Delegations for January 15, 2009 UMM meeting:**

EPA	Craig Cameron
Ecology	John Price
DOE/RL	Arlene Tortoso
	Margo Voogd

**OPEN ACTION ITEM TRACKING**

Action #	Action/Subject	Assigned To	Owed To	Assigned Date	Original Due Date	Adjusted Due Date	Status
116	DOE will evaluate the 200-CW-3 sites for MIS.	RL-Voogd	EPA/Ecology	1/15/09	2/19/09		
117	DOE to provide a schedule for completing the ECO Risk Assessment.	RL-Foley	EPA/Ecology	1/15/09	2/19/09		

**CERCLA 5-Year Review Action Items**

Action #	Action/Subject	Assigned To	Assigned To	Due Date	Status
13-1	Complete a data quality objective process and sampling plan to further characterize the technetium-99 groundwater plume near T Tank Farm.	Fluor Hanford			Complete
14-1	Assess treatment options to address technetium-99 near T Tank Farm.	Fluor Hanford			Complete
15-1	Complete data quality objective process and sampling plan to further characterize the high soil conductivity measurements detected at B/C cribs and trenches.				Complete
16-1	Increase the pump size in 200-ZP-1 extraction wells 299-W15-45 and 299-W15-47.	Fluor Hanford			Complete
17-1	Evaluate expanding the soil-vapor extraction operations. Also, specifically review converting former groundwater extraction well 299-W15-32 to a soil-vapor extraction well.	Fluor Hanford			Complete
18-1	Prepare an explanation of significant difference for 200-UP-1 Interim ROD	Ecology		6/1/2008	The ESD was prepared and is in review.

S&GRP Input of Primary and Secondary Documents for PMM - January 2009

Project Name / Document Title	Operable Unit	Project Lead	Primary, Secondary, Other Document (P, S, O)	Internal Review Dates		RL Review Dates		Regulator Review Dates		Short Description/Notes
				Start	End	Start	End	Start	End	
				Complete	Complete	Complete	Complete	Complete	Complete	
200-CW-5 Draft B Proposed Plan	200-CW-5	Mike Hickey	P	Complete	Complete	Complete	Complete	Complete	Complete	Safe Store
200-IS-1 CX Tank System Closure Plan, Rev. 0	200-IS-1	Mike Hickey	P	Complete	Complete	Complete	Complete	12/22/08	TBD	Sent to EPA on 12/22/08
200-LW-1 Borehole Summary Report	200-LW-1	Steve Lowe	O	2/1/09	2/15/09	NA	NA	NA	NA	
200-MG-1 Action Memorandum	200-MG-1	Greg Berlin	P	1/15/09	1/30/09	3/1/09	TBD	TBD	TBD	The draft action memorandum for MG-1 will be prepared for RL approval in March 2009; the Rev. 0 action memorandum should be ready for RL approval in June 2009
200-MG-2 Action Memorandum	200-MG-2	Greg Berlin	P	1/15/09	1/30/09	3/1/09	TBD	TBD	TBD	The draft action memorandum for MG-2 will be prepared for RL approval in March 2009; the Rev. 0 action memorandum should be ready for RL approval in June 2009
200-MG-1 EE/CA (Ecology)	200-MG-1	Greg Berlin	P	Complete	Complete	Complete	Complete	11/1/08	2/27/09	The Rev. 0 EE/CA for MG-1 will be prepared for RL transmittal in late March 2009
200-MW-1 Proposed plan for Supplemental Investigations	200-MW-1	Phil Rogers	P	1/19/09	3/9/09	4/7/09	6/11/09	9/30/09	TBD	This document will be submitted to RL and they will transmit it to EPA with 10 days
200-MW-1 Remedial Investigation Report for Supplemental Investigations	200-MW-1	Phil Rogers	P	1/19/09	3/9/09	4/7/09	6/11/09	9/30/09	TBD	This document will be submitted to RL and they will transmit it to EPA with 10 days
200-MW-1 Borehole Summary Report	200-MW-1	Phil Rogers	O	12/8/08	1/2/09	NA	NA	NA	NA	
200-PW-1/3/6 Public Outreach Presentation	200-PW-1/3/6	Kathy Davis	O	3/1/09	TBD	TBD	TBD	Not Required	Not Required	Public outreach presentation on FS alternatives evaluated - likely to be presented at the May 2009 HAB meeting.
200-SC-1 DQA Report	200-SC-1	Steve Lowe	O	2/1/09	2/15/09	NA	NA	NA	NA	Data quality assessment report for supplemental characterization
200-SW-1 RI/FS Work Plan	200-SW-1	Greg Berlin	P	Complete	Complete	Complete	Complete	Complete	Complete	Approved by RL and Ecology
200-UP-1 Pump and Treat Annual Report	200-UP-1	Chuck Miller	S	1/7/09	1/15/09	2/16/09	3/2/09	NA	NA	Annual report on pump and treat status; required per DOE/RL-96-07, Rev. 0 and DOE/RL-96-36, Rev. 2
Semi-annual Pump and Treat Report for 200-UP-1	200-UP-1	Chuck Miller	O	6/15/09	6/29/09	7/20/09	NA	NA	NA	Semi-annual update on effectiveness of 200 West pump and treat systems
200-ZP-1 RD Report	200-ZP-1	Mark Byrnes	FY-10 Activity	FY10 Activity	FY10 Activity	FY10 Activity	FY10 Activity	FY10 Activity	FY10 Activity	Will start in FY-10.
200-ZP-1 Optimization Design Test Plan	200-ZP-1	Mike Ostrom	S							Internal draft to be complete in December 2008.
200-PW-1 SVE Annual Operating Plan	200-PW-1	Mark Byrnes	O	TBD	TBD	TBD	TBD	TBD	TBD	Will start being prepared in February 2009; will be prepared each year for the out years.
200-PW-1 SVE Annual Summary Report	200-PW-1	Mark Byrnes	O	4/6/09	4/17/09	5/8/09	7/7/09	5/8/09	7/7/09	

## 200 AREA PROJECT MANAGERS' MEETING STATUS

January 15, 2009

### **Canyon Disposal Initiative** (RL: Al Farabee)

- 221-U Facility Remedial Design/Removal Action Work Plan (RD/RAWP):  
EPA and Ecology comments received October 23, 2008.  
Response due: December 7, 2008.  
Comments incorporated; document in final stages of comment resolution review and approval.  
RL received formal transmittal from CHPRC on December 23, 2008. Comments from RL, Ecology, and EPA received by January 9, 2009. RL met with CHPRC on January 14, 2009 to discuss and incorporate comment responses. RL plans to meet with EPA and Ecology the week of January 19, 2009 to verify that comments have been answered satisfactorily.
- U Plant Ancillary Facilities Removal Action Work Plan (RAWP):  
EPA comments received September 15, 2008. Ecology comments received September 26, 2008.  
Response due: November 10, 2008.  
Document approved December 30, 2008.

**Schedule Status:** Revised 221-U Facility RD/RAWP in final review and approval. RL to respond to comments from Nez Perce in separate correspondence the week of January 19, 2009.

Regulator Comments

### **Central Plateau Key Facility Negotiations** (RL: Al Farabee)

- The Agreement in Principle for negotiation of Central Plateau facility disposition activities was signed by Tri-Parties August 13. Technical discussions began October 30, 2008, with the next meeting scheduled for January 26, 2009.

**Schedule Status:** The negotiation completion schedule options will be discussed at the January 26, 2009 meeting.

Regulator Comments

**Rail Car Disposition Options Study** (RL: Al Farabee)

- DOE will be revising the Rail Car Disposition Options Study, timeline TBD.

**EE/CA for Buildings 212-N, P, R** (RL: Al Farabee)

- EE/CA: In thirty-day public review period (ends January 14, 2008).
- DQO: Draft in development.

**Schedule Status:** On schedule.

Regulator Comments

Ecology requests the railcar study in the fall of 2009 or earlier.

**MIS Pilot Test Project** (RL: Al Farabee)

FY09 funding/priority for MIS Pilot Test Project is under evaluation. Comments from the Umatilla Tribe have been received and are being evaluated.

**200-CW-3 - Waste Sites** (RL: Margo Voogd)

- Planning activities to conduct sampling continue.

**200-BC Control Area (BCCA) Ecology Lead** (RL: Margo Voogd)

- Interim On – Site Coordinator report being finalized.

**Schedule Status:** On schedule.

Regulator Comments

Ecology does not think a paper study will work for MIS. An actual field test is required for amending the regulations. Ecology will pay for analysis and there is an approved SAP in place.

EPA and Ecology request DOE evaluate the CW-3 sites for MIS.

**200-UP-1 Ecology Lead** (RL: Arlene Tortoso)

- RI/FS Work Plan:
  - Monitoring continues.
- Explanation of Significant Difference (ESD):
  - No change. The most recent revision of the ESD, incorporating EPA Region 10 comments, is being reviewed by RL. Comments will be provided in early January.

- Pump and Treat
  - 200-UP-1 pump-and-treat is in operation. Two extraction wells are operating with discharge to ETF.
  - TPA CN-252 is added as an Agreement as an approved CN.

**Schedule Status:** The RI/FS activities for this OU in FY09 are related to continuing monitoring and data collection. The pump and treat operations will continue; in addition to the sampling and monitoring activities.

Regulator Comments

**200-ZP-1 EPA Lead (RL: Arlene Tortoso)**

- Remediation Treatment Status:
  - Currently all 14 groundwater extraction wells are on line pumping water to the interim treatment system at approximately 340 gpm.
  - Well W11-46 is on line pumping water to ETF at a rate of approximately 35 gpm. The pump in well W11-45 is scheduled to be replaced on January 6.
  - Work on the Remedial Design/Remedial Action Work Plan is on schedule to be submitted by CHPRC by March 31, 2009. The internal draft of the report will be going out for internal review this week.
  - The detailed working schedule and critical path for achieving the end of 2011 deadline for having the 200 West Area Groundwater Treatment Facility online has been completed. The biggest concern at this time is getting all 20 of the extraction/injection wells installed prior to the end for FY2010.
  - The SAP supporting the installation of the first set of extraction wells has been issued (DOE/RL-2008-57, Rev. 0).
  - The SAP supporting the performance of aquifer testing will be issued for DOE-RL and EPA review in the next few weeks.
  - Rev. 8 to the ZP-1 Waste Management Plan (DOE/RL-2008-40) has been issued. This document was updated to include the new extraction wells to be installed in FY09 and it makes reference to the final ROD.
  - The functional design criteria and draft design test plan are currently being worked on.
  - Plans are currently being made to perform additional treatability testing of ion exchange resin options for removing Tc-99, I-129, and Cr+6 from ZP-1 groundwater.
  - PNNL is currently preparing for aquifer testing to be performed in the first permanent extraction well (EW-1) to be installed on the southwest corner of the TX-TY Tank Farm. The results from this aquifer testing will be used as inputs to the MODFLOW computer model and will support the spacing between cross gradient extraction wells.

**Schedule Status:** On schedule.

Regulator Comments

**200-PW-1, 200-PW-3, & 200-PW-6** EPA Lead (RL: Arlene Tortoso)

- A red-line/strike-out revision of the Draft A FS was discussed with EPA on January 7, 2009.
- Follow-up meetings are needed with Ecology and EPA regarding Central Plateau cross-cutting issues that could affect the prioritization and remediation approach for this OU.
- Soil Vapor Extraction System (SVE):
  - Monthly monitoring results for December 2008 for the soil vapor probes and wells are not yet available for review. The results will be summarized in the status for the next meeting.
  - Some minor problems were identified when the two new SVE systems were inspected at the Louisiana plant. These problems are currently being addressed. The units will be delivered in February 2009.

**Schedule Status:** On schedule.

Regulator Comments

**Deep Vadose Treatability Test** (RL: John Morse)

**(M-15-53, 6/30/2009, Begin Field test activities for Desiccation field Testing at 200-BC-1 (BC Cribs) for Tc-99 remediation)**

- SAP was approved on December 23, 2008, one month ahead of schedule.
- Design resources are on board and use of equipment was approved by ZP-1 project management.
- Installation of the well supporting the test is scheduled to begin between Jan 20 and Feb 20.

**Schedule Status:** On schedule to meet TPA milestone.

**(M-15-54, 1/31/2010, Submit report on Reactive Gas testing for sequestration of Uranium that will support remedial action decision making)**

- The PNNL work plan for the Lab work supporting this milestone was approved in December.
- A reactive gas PNNL lab test plan is being developed and should be available early February for regulator review as requested at the last PMM. Initial focus will be on literature review of reactive gas injection, air injection to deliver reactive solids, and foam injection to deliver reactive liquid or solids. Laboratory work will follow, focusing on promising elements of the review. Laboratory work will be completed by the end of FY09.

**Schedule Status:** On schedule to meet TPA milestone.

Regulator Comments

**200-CS-1 Ecology Lead (RL: Greg Sinton)**

- (no change) Ecology and RL continue to communicate regarding path forward and related issues.

**Schedule Status:** The project activities funded for this OU in FY09 are related to consolidating project information and actions to date.

Regulator Comments

**200-CW-5 EPA Lead (RL: Greg Sinton)**

**(M-15-40D, 7/31/08, Feasibility Study/Proposed Plan)**

- Met with EPA December 31 to obtain clarification on its October 2008 comments.
- Plan to provide comment response table to EPA by January 21 in response to the December 18 EPA letter.

**Schedule Status:** The project activities funded for this OU in FY09 are related to consolidating project information and actions to date. Discussions are on-going on FY09 priorities.

Regulator Comments
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**200-CW-1 Ecology Lead (RL: Greg Sinton)**  
**(M-015-38B, 11/30/2010, Feasibility Study/Proposed Plan)**

**Schedule Status:** The project activities funded for this OU in FY09 are related to completing FY08 field activities and consolidating project information and actions to date.

Regulator Comments
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**200-BC-1 EPA Lead (RL: Greg Sinton)**  
**(M-15-51, 4/30/10, Feasibility Study/Proposed Plan)**

- Verification/validation of the electrical resistivity correlation study chemistry data continued. The Data Quality Assessment will follow.
- Decommissioning the DPT holes that were installed in the 216-B-14 Crib (initial part of Phase 3 of the excavation-based treatability test) began.

**Schedule Status:** The project activities funded for this OU in FY09 are related to completing FY08 field activities and consolidating project information and actions to date. Discussions are on-going on FY09 priorities.

Regulator Comments
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**200-SC-1 EPA Lead (RL: Greg Sinton)**  
**(M-15-40E, 12/31/10, Feasibility Study/Proposed Plan for 200-SC-1)**

- Data Quality Assessment of the supplemental characterization data is ongoing. The IDW at the 216-A-30 and 216-B-55 waste sites has been characterized and is scheduled to ship to ERDF in January 2009.

**Schedule Status:** The project activities funded for this OU in FY09 are related to completing FY08 field activities and consolidating project information and actions to date.

Regulator Comments

EPA would like to meet on the results of the DQA.

**200-UW-1 Ecology Lead (RL: Doug Hildebrand/Kevin Leary)**

- Resolution of issues related to the U-12 Supplemental Deep Vadose Zone characterization DQO continues. A strategy to incorporate waste source sites under a 200-UW-1 ROD to support zone closure is being developed.
- A detailed follow-up discussion is needed with Ecology to discuss the option of performing deep vadose zone characterization post-ROD and pursuit of a ROD addressing the final action for RTD and other waste site actions.

**Schedule Status:** The project activities funded for this OU in FY09 are related to consolidating project information and actions to date. Discussions are on-going on FY09 priorities.

Regulator Comments

Ecology set up the draft E ROD in a way that supports performing deep vadose zone characterization post-ROD and pursuit of a ROD addressing the final action for RTD and other waste site actions.

**200-PW-2 & 200-PW-4 Ecology Lead (RL: Doug Hildebrand)**

**(M-15-43D, 12/31/10, Feasibility Study and Revised Recommended Remedy(ies))**

**15-43D, 12/31/10, Feasibility Study and Revised Recommended Remedy(ies))**

- Analytical results associated with samples collected from the borehole in the 216-A-5 Crib have been received and are undergoing validation.
- Borehole summary report for investigations in the 216-A-5 Crib has been prepared and internally reviewed.
- Management of investigation derived waste continues.

**Schedule Status:** The project activities funded for this OU in FY09 are related to completing FY08 field activities (e.g., completing laboratory analyses and borehole decommissioning) and consolidating project information and actions to date.

Regulator Comments

**200-BP-5** EPA Lead (RL: Doug Hildebrand)

**(M-13-06B, 3/31/07, RI/FS Work Plan, Completed) EPA**

**(M-15-21A, 10/31/10, Feasibility Study/Proposed Plan) EPA**

- Analytical Sample results from Completed wells:
  - PNNL has complete analyses for all the wells and is working on preparing the data for loading into HEIS.
  - LBNL is continuing to work on uranium isotopic analyses for BY Cribs wells 299-E33-341, 299-E33-342, and BX tank farm well 299-E33-205.
- 200-BP-5 Work Plan/SAP Revision 1 (DOE/RL-2007-18 Rev 1):
  - The work plan was transmitted from CH2MHill (CHPRC) to DOE December 31, 2008.
- 200-BP-5 Conceptual Transport Model Report for the WMA B/BX/BY and Surrounding Area:
  - The report is a collaborative effort between PNNL and CHPRC.
  - The draft report is planned for review in mid August 2008.
  - The report will focus on uranium and technetium-99 contaminant transport.
- Waste disposal for the FY2008 investigation wells is planned to start the designation Process in February.

**Schedule Status:** The project remedial investigation activities for FY09 are focused on consolidating project information for actions to date. The groundwater sampling and monitoring activities are continuing.

Regulator Comments

EPA would like EPA, Ecology and DOE to evaluate the M-24 (and those wells not included in M-24) priority lists and ensure the lists are correct.

**200-PO-1 Ecology Lead** (RL: Doug Hildebrand)

**(M-015-25C, 12/30/09 200-PO-1 OU RI Phase II Report)**

- Continued sampling 200-PO-1 OU Work Plan Appendix A Characterization wells. As of January 5, 2009, 40 out of 41 sample ready wells were sampled. Completed investigating sample readiness of 43 decommissioning on December 15, 2008 and found 28 candidate wells to be available for sampling.
- An advanced geophysical borehole logging test was completed at the 299-E17-3 borehole on December 18, 2008 to evaluate steel cased borehole logging tools using high resolution vertical measurements for porosity, formation resistivity, stratigraphic variability and matrix geochemistry. This test was conducted by PNNL and Schlumberger as a Science and Technology innovative technologies demonstration.
- TPA CN-253 is added as an Agreement as an approved CN.

**Schedule Status:** On schedule to meet M-015-25C.

Regulator Comments

Ecology stated that the 1997 CMS did not use the term technical impracticability but recommended a similar concept.

**200-SW-1/2 Ecology Lead** (RL: Frank Roddy)

**(M-15-00, 12/31/11, Feasibility Study/Proposed Plan)**

- RI/FS Work Plan (Rev 0) was approved by RL and Ecology on December 22, 2008.
- Geophysical investigations have been performed at 218-E-10, 218-E-12B, 218-W-4B, and 218-W-4C to support procedural closure of unused TSD landfill areas; final report preparation is underway.

**Schedule Status:** The project activities funded for this OU in FY09 are related to consolidating project information and actions to date.

Regulator Comments

**200-MW-1** *EPA Lead* (RL: Frank Roddy)

**(M-15-44B, 9/30/09, Feasibility Study/Proposed Plan)**

- Preparation of the FS report and Proposed Plan continues. Both the FS and PP are scheduled for internal review January 20, 2009.

**Schedule Status:** On schedule to meet TPA interim milestone.

Regulator Comments

**200-MG-1/200-MG-2 Model Group 1 Sites** (RL: Frank Roddy)

**(M-15-49A, 12/31/08, MG-1 EE/CA)** *Ecology Lead*

**(M-15-49B, 12/31/08, MG-2 EE/CA)** *EPA Lead*

- EPA has transmitted their review comments on the 200-MG-2 EE/CA, and CHPRC has begun evaluation of those comments in advance of preparing comment responses in support of developing the Rev. 0 EE/CA. Ecology has notified DOE of an extension (to late February 2009) to complete their review of the 200-MG-1 EE/CA.

**Schedule Status:** On Schedule.

Regulator Comments

Ecology received change sheets today but still expects to submit comments in February.

**200-LW-1/200-LW-2** *Ecology Lead* (RL: Frank Roddy)

**(M-15-46B, 12/31/11, Feasibility Study/Recommended Remedy) Ecology**

- **216-B-6 Health & Safety DPT:** The borehole C6911 is being decommissioned starting January 7 due to weather delays and the holidays. A final civil survey will be performed. A borehole summary report is being prepared to document the field activities.

**Schedule Status:** The project activities funded for this OU in FY09 are related to completing FY08 field activities and consolidating project information and actions to date.

Regulator Comments

**Schedule Status:** On schedule.

**Ecological Risk Assessment** (RL: Bryan Foley)

- (no change) A revised version of the CP ERA report was transmitted to FH on September 30, 2008 from the Ecological Risk Assessment Contractor. The revised version incorporates comments from the regulators, and has a new format that is intended to simplify and clarify the presentation of the information. The report has been transitioned to CHPRC personnel responsibilities. The role of the report in making OU-level remedial decisions is being further defined.

**Schedule Status:** The report is approximately four months behind the FY08 baseline schedule.

Regulator Comments

EPA wants the report finished. Ecology agrees and stated this is important to support zone closure. Under the TPA we are owed a schedule, so an updated schedule is requested for next month's meeting.

**200-IS-1** (RL: Kevin Leary)

**(M-13-27, 6/30/07, RI/FS Work Plan)**

- 241-CX Tank System Closure Plan transmitted to Ecology December 22, 2008.

**Schedule Status:** No FY09 activities are scheduled for this OU with the exception of the 241-CX Tank System Closure.

Regulator Comments

**200-TW-1 & 200-PW-5** *EPA Lead* (RL: Arlene Tortoso)

**(M-15-42D, 12/31/11, Feasibility Study/Proposed Plan for TW-1 & PW-5)**

- No change in status.
- Field work suspended on S-13, crib box was filled with CDF prior to stopping work.
- Three pushes at T-18, geo logged. Geophysical logging report under preparation.

**Schedule Status:** No FY09 activities are scheduled for this OU

Regulator Comments

**200-TW-2** *Ecology Lead* (RL: Arlene Tortoso)

**(M-15-42E, 12/31/11, Feasibility Study/Revised Recommended Remedy(ies) for TW-2)**

**Schedule Status:** No FY09 activities are scheduled for this OU

Regulator Comments

**200-UR-1** *Ecology Lead* (RL: Frank Roddy)

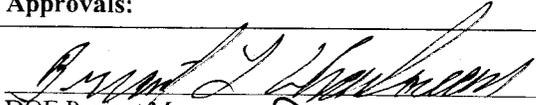
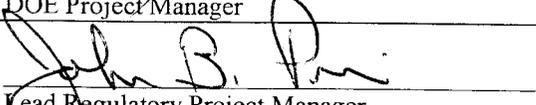
**Schedule Status:** No FY09 activities are scheduled for this OU

Regulator Comments

# Attachment 5



## Change Notice for Modifying Approved Documents/ Workplans In Accordance with the Tri-Party Agreement Action Plan, Section 9.0, Documentation and Records

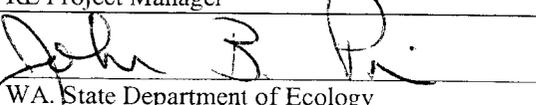
<b>Change Number</b>	<b>Document Submitted Under Tri-Party Agreement Milestone</b>	<b>Date:</b>	
TPA-CN-252		January 15, 2009	
<b>Document Number and Title:</b> DOE/RL-92-76, Rev. 1, Remedial Investigation/Feasibility Study Work Plan for the 200-UP-1 Groundwater Operable Unit		<b>Date Document Last Issued:</b> April 2005	
<b>Originator:</b> Briant Charboneau		<b>Phone:</b> (509) 373-6137	
<b>Description of Change:</b>			
<p style="text-align: center;"> <u>Briant Charboneau</u> and <u>John Price</u> agree that the proposed change approves modifications to  <b>DOE</b> <b>Lead Regulatory Agency</b> </p> <p>workplan/document and will be processed in accordance with the Tri-Party Agreement Action Plan, Section 9.0, <i>Documentation and Records</i>, and not Chapter 12.0, <i>Changes to the Agreement</i>.</p> <p>+</p> <p>Revisions to the Remedial Investigation/Feasibility Study Work Plan for the 200-UP-1 Groundwater Operable Unit, DOE/RL-92-76, Rev. 1 required to support this change will be submitted within 30 days of agreement. Changes will include the following:</p> <ul style="list-style-type: none"> <li>• Update RI tasks to reflect actual dates for well completion and initiation of well monitoring.</li> <li>• Reduce the duration of the two year well monitoring task (for the RI) to one year.</li> <li>• Initiate work on the RI and FS Report in February 2009 to reflect that the RI and FS reports will be combined. To support the RI/FS Report start date, it is agreed that no further RI data is needed beyond that available by January 2009.</li> </ul>			
<b>Justification and Impacts of Change:</b>			
<p>The change is needed to 1) reflect actual dates for RI tasks (i.e., completion of well drilling and initiation of associated well monitoring), and 2) recent discussions between the parties that there is adequate remedial investigation data for DOE to propose Pump &amp; Treat as a presumptive remedy. If supplemental investigation efforts are needed, it will be conducted through the post-ROD decision change process as provided for in EPA Guidance (OSWER 9200.1-23P July 1999).</p> <p>The 200-UP-1 OU ROD approach will include the preparation of a combined RI/FS document that will rely on the existing 200-UP-1 OU RI/FS decision documentation and incorporate updated maps, figures, monitoring information, and recent 200-UP-1 OU RI Phase I investigation results. The combined RI/FS documentation will provide the data required to support the 200-UP-1 OU Proposed Plan and ROD process.</p> <p>Groundwater monitoring required by DOE/RL-92-76, Revision 1 will continue until superseded by groundwater monitoring in an approved Remedial Action Work Plan.</p>			
<b>Approvals:</b>			
 DOE Project Manager	1-15-09 Date	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved
 Lead Regulatory Project Manager	1-15-2009 Date	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved

Once all the above steps have been completed, the originator sends a copy of the signed change notice to the FH TPAI organization (H8-12), the Administrative Record (H6-08) (refer to TPA Action Plan, Section 9.3), lead regulatory agency, affected Hanford contractor, DOE Project Manager, project/contractor Document Custodian, and others as appropriate. Maintain the original Change Notice per approved Records Management procedures.

# Attachment 6



## Change Notice for Modifying Approved Documents/ Workplans In Accordance with the Tri-Party Agreement Action Plan, Section 9.0, Documentation and Records

<b>Change Number</b>	<b>Document Submitted Under Tri-Party Agreement Milestone</b>	<b>Date:</b>	
TPA-CN-2-253	N/A	01/13/09	
<b>Document Number and Title:</b> DOE/RL-2007-31 Rev 0, <i>Remedial Investigation/Feasibility Study Work Plan for the 200-PO-1 Operable Unit</i>		<b>Date Document Last Issued:</b> January 2008	
<b>Originator:</b> B. L. Charboneau		<b>Phone:</b> 373-6137	
<p><b>Description of Change:</b> Revise Remedial Investigation/Feasibility Study (RI/FS) Work Plan Schedule (Figure 7-1) to remove RI Phase II activities and delete Work Plan tasks scheduled to occur after 9/30/08. This change is needed to support an accelerated Record of Decision (ROD) regulatory path forward that will utilize existing RFI/CMS documentation and will provide recent RI Phase I investigation results to be included in an expedited combined RI/FS document.</p>			
<p><u>Briant Charboneau</u> and <u>John Price</u> agree that the proposed change modifies an approved <b>DOE</b> <b>Lead Regulatory Agency</b></p> <p>workplan/document and will be processed in accordance with the Tri-Party Agreement Action Plan, Section 9.0, <i>Documentation and Records</i>, and not Chapter 12.0, <i>Changes to the Agreement</i>.</p> <p>Revisions to the 200-PO-1 Operable Unit Work Plan required to support this notice will be submitted no later than 30 days of agreement.</p>			
<p><b>Justification and Impacts of Change:</b></p> <p>US DOE previously submitted to Ecology a RCRA Corrective Measure Study for the 200-PO-1 OU, DOE/RL-96-66. The Revision 0 of DOE/RL-2007-31, <i>Remedial Investigation/Feasibility Study Work Plan for the 200-PO-1 Operable Unit</i>, Characterization Sampling and Analysis Plan and the RI/FS Work Plan Schedule (Attachment 3A) were approved in February 2008. The RI Phase I remedial field investigations were conducted in accordance with the Work Plan schedule.</p> <p>Recent discussions between the parties indicated that there is adequate remedial investigation data for US DOE to develop and propose effective remedial alternatives. If supplemental investigation efforts are needed, it will be conducted through the post-ROD decision change process as provided for in EPA Guidance (OSWER 9200.1-23P July 1999).</p> <p>The 200-PO-1 OU ROD approach will include the preparation of a combined RI/FS document that will rely on the existing 200-PO-1 OU RFI/CMS decision documentation and incorporate updated maps, figures, monitoring information, and recent 200-PO-1 OU RI Phase I investigation results. The combined RI/FS documentation will provide the data required to support the 200-PO-1 OU Proposed Plan and ROD process. Groundwater monitoring under DOE/RL-2007-31 will continue until superseded by groundwater monitoring specified in an approved Remedial Action Work Plan.</p>			
<b>Approvals:</b>			
 RL Project Manager	1-15-09 Date	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved
 WA. State Department of Ecology	1-15-2009 Date	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved