

Meeting Minutes Transmittal/Approval
Project Managers' Meeting
200 Area Groundwater and Source Operable Units
Federal Building, Richland, Washington
December 18, 2008

APPROVAL: *Al Farabee* *Mansel Daxel* Date: 12/18/08
 Al Farabee, 200 Area Project Manager, DOE/RL

APPROVAL: *Arlene Tortoso* Date: 12/18/08
Brent Chamberlain
 Arlene Tortoso, 200 Area Unit Manager, DOE/RL

APPROVAL: *Craig Cameron* Date: 12/18/08
 Craig Cameron, 200 Area Project Manager, EPA

APPROVAL: *John B. Price* Date: 12/18/2008
 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.

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Minutes of the 200 Area Project Managers' Meeting of December 18, 2008 are attached. Minutes are comprised of the following:

Attachment 1	Agenda
Attachment 2	Attendance Record
Attachment 3	Agreements and Issues List
Attachment 4	Action Item List
Attachment 5	Operable Units and Facilities Status
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-239)

200 Area Project Managers' Status Meeting
December 18, 2008

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PRINTED NAME	ORGANIZATION	O.U. ROLE	TELEPHONE
Janice Williams	CHPRC	Facilitator	372-3553
Dyan Foss	CHPRC	STGW	5544703
Frank Roddy	DOE	Central Plateau	372-0945
Shirley Simon	ODOE	(SAI)	963-0853
RD/H. L. L. L.	DOE-RL		373-9626
Greg Sinton	DOE-RL	CW-1, CS1, CWS, RC1, SC1	373 7939
MARGE D. D. D.	DOE-RL	RC1, PM	376 5575
John Price	Ecology	Proj. Mgr	372-7921
AL Farabee	DOE-RL	-	376-8089
Rick Bond	Ecology	-	372-7885
LES Foss	ECY	-	372-7954
Arlene Tortoso	DOE	200-Area PM	373-7631
Rod Glos	EPA		376-3749
Tom Fletcher	DOE	Deputy GW SPD	376-4426
Craig Cameron	EPA	Proj. Mgr.	376-8665
Nehach Singleton	ECY	Proj. Mgr	372-7923

**200 Area Project Managers' Meeting
Agreements and Issues List
December 18, 2008**

Agreement: TPA-CN-239 for SGW-33891, Revision 1, Waste Control Plan for Supplemental Remedial Investigation Activities at Model Group 5, Large Area Ponds, Waste Sites Located Within the 200-CW-1 Operable Unit: Change the location of the waste container storage area for the 216-S-17 Pond. **Attachment 6).**

Agreement: EPA provided verbal approval for DOE-RL-2008-57, Rev. 0 and asks that the signature sheet be provided in the document.

Issue: None identified

Delegations for December 18, 2008 UMM meeting:

EPA	Craig Cameron
Ecology	John Price
DOE/RL	Arlene Tortoso
	Al Farabee

OPEN ACTION ITEM TRACKING

Action #	Action/Subject	Assigned To	Owed To	Assigned Date	Original Due Date	Adjusted Due Date	Status
115	No actions identified.						

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	Currently at EPA Region 10.

S&GRP Input of Primary and Secondary Documents for PMM										
Project Name / Document Title	Operable Unit	Project Lead	Primary or Secondary Document (P & S)	Internal Review Dates		RL Review Dates		Regulator Review Dates		Short Description / Notes
				Start	End	Start	End	Start	End	
100 Area Integrated RI/FS Work Plan, Vol 1	100 Area - multiple	Ron Brunke	P	Complete	Complete	Complete	Complete	1/27/09	2/26/09	Proposed TPA milestone, 5/31/09
Annual Pump and Treat Report for 100-HR-3, 100-KR-4, and 100-NR-2	100 Area - multiple	TBD	S	TBD	TBD	TBD	TBD	TBD	TBD	
Semi-Annual Pump and Treat Report for 100-HR-3, 100-KR-4, and 100-NR-2	100 Area - multiple	TBD	S	TBD	TBD	TBD	TBD	TBD	TBD	
100 Areas Interim Action Monitoring Plan	100 Area - multiple	TBD	S	TBD	TBD	TBD	TBD	TBD	TBD	
100 Areas Bio/Chem Remediation Focused Feasibility Study	100 Area - multiple	Dave Shrimpton	P	TBD	TBD	TBD	TBD	TBD	TBD	Proposed TPA milestone, 6/30/09
100 Areas Bio/Chem Remediation Proposed Plan	100 Area - multiple	Dave Shrimpton	P	TBD	TBD	TBD	TBD	TBD	TBD	Proposed TPA milestone, 6/30/09
100-BC-5 Sample Analysis Plan	100-BC-5	Bill Barrett	P	12/1/08	12/31/08	12/1/08	12/31/08	12/31/08	1/15/09	This change is being supported by a TPA Change Notice that is to be presented at the next PMM
100-B/C Decision Unit RI/FS Work Plan, Addendum 3	100-BC-5	Bill Barrett	P	2/18/09	3/3/09	4/23/09	5/7/09	6/19/09	7/18/09	Proposed TPA milestone, 9/30/09
100-KR-4 Revision to the Supplement of the RDR/RAWP for KW Pump and Treat System Expansion	100-KR-4	Julie Robertson	P	11/17/08	11/21/08	TBD	TBD	TBD	TBD	Schedule is being finalized; draft documents being prepared; could be to RL in December 2008
100-K Decision Unit RI/FS Work Plan, Addendum 2	100-KR-4	Julie Robertson	P	10/28/08	11/17/08	1/27/09	2/10/09	3/18/09	4/17/09	Proposed TPA milestone, 5/31/09
100-KR-4 - Revision to the Supplement of the RDR/RAWP for KR-4 Pump and Treat System Expansion, Well Realignment	100-KR-4	Julie Robertson	P	TBD	TBD	TBD	TBD	TBD	TBD	Schedule is being finalized; draft documents being prepared; could be to RL in December 2008
100-N Decision Unit RI/FS Work Plan, Addendum 5	100-NR-2	Bill Barrett	P	5/26/09	6/8/09	7/29/09	8/13/09	9/23/09	10/22/09	Proposed TPA milestone, 12/31/09
100-NR-2 Draft Proposed Plan Amend ROD for Interim Action or to Propose a New ROD	100-NR-2	Bill Barrett	P	8/10/09	TBD	TBD	TBD	TBD	TBD	Proposed TPA milestone, 12/31/09
100-NR-2 Infiltration Gallery SAP	100-NR-2	Bill Barrett	P	TBD	TBD	TBD	TBD	TBD	TBD	
100-NR-2 TPH Treatability Test Plan	100-NR-2	Bill Barrett	P	TBD	TBD	TBD	TBD	TBD	TBD	
100-D/H Decision Unit RI/FS Work Plan, Addendum 1	100-HR-3	Dave Shrimpton	P	Complete	Complete	Complete	Complete	1/27/09	2/26/09	Proposed TPA milestone, 5/31/09
100-HR-3 - Revision to the Supplement of the RDR/RAWP for ISRM	100-HR-3	Dave Shrimpton	P	TBD	TBD	TBD	TBD	TBD	TBD	
100-HR-3 - Revision to the RDR/RAWP for HR-3 Pump and Treat System (hot spot & capacity)	100-HR-3	Dave Shrimpton	P	TBD	TBD	TBD	TBD	TBD	TBD	
100-HR-3 - Supplement of the RDR/RAWP for HR-3 Pump and Treat System Expansion (DX)	100-HR-3	Dave Shrimpton	P	TBD	TBD	TBD	TBD	TBD	TBD	
100-HR-3 - ESD for HR-3 Pump and Treat System Expansion (DX, Gradient Control)	100-HR-3	Dave Shrimpton	P	TBD	TBD	TBD	TBD	TBD	TBD	
100-HR-3 DX Sampling and Analysis Plan	100-HR-3	Dave Shrimpton	P	TBD	TBD	TBD	TBD	TBD	TBD	
100-HR-3 ISRM Annual Report	100-HR-3	Dave Shrimpton	S	TBD	TBD	TBD	TBD	TBD	TBD	
100-H Area Deep Groundwater Chrome Investigation Work Plan/Sampling and Analysis Plan	100-HR-3	Dave Shrimpton	P	TBD	TBD	TBD	TBD	TBD	TBD	
100-FR-3 Sampling and Analysis Plan	100-FR-3	Bill Barrett	P	12/1/08	12/31/08	12/1/08	12/31/08	12/31/08	1/15/09	This change is being supported by a TPA Change Notice that is to be presented at the next PMM
100-F Decision Unit RI/FS Work Plan, Addendum 4	100-FR-3	Bill Barrett	P	2/18/09	3/3/09	4/23/09	5/7/09	6/19/09	7/18/09	Draft A in preparation; will use TPA Table 9.2 for date response is due from Ecology
200-IS-1 CX Tank System Closure Plan, Rev. 0	200-IS-1	Mike Hickey	P	Complete	Complete	Complete	Complete	12/31/08	TBD	

S&GRP Input of Primary and Secondary Documents for PMM										
Project Name / Document Title	Operable Unit	Project Lead	Primary or Secondary Document (P & S)	Internal Review Dates		RL Review Dates		Regulator Review Dates		Short Description / Notes
200-MG-1/2 Action Memoranda	200-MG-1/2	Chuck Miller	P	1/15/09	1/30/09	3/1/09	3/30/09	TBD	TBD	The draft action memoranda for MG-1 and MG-2 (two documents) will be prepared for RL approval in February 2009; the Rev. 0 action memoranda should be ready for RL approval in May 2009
200-MG-1/2 EE/CA	200-MG-1/2	Chuck Miller	P	Complete	Complete	Complete	Complete	11/1/08	12/15/08	The Rev. 0 EE/CAs for MG-1 and MG-2 (two documents) will be prepared for RL transmittal in late March 2009
200-MW-1 Feasibility Study 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 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-PO-1 RI Phase II Report, Draft A	200-PO-1	Gloria Cummins	P	9/9/09	9/23/09	10/15/09 and 12/1/09	10/30/09 and 12/15/09	12/15/09	1/30/10	Report is due on 12/30/09 in support of M-15-25C
200-PW-1/3/6 Draft B Feasibility Study	200-PW-1/3/6	Kathy Davis	P	11/11/08	11/19/08	12/5/08	12/19/09	2/27/09	3/27/09	Reviews are supporting updates for submittal of Draft B to EPA by 2/27/09
200-PW-1/3/6 Draft B Proposed Plan	200-PW-1/3/6	Kathy Davis	P	12/1/08	TBD	TBD	TBD	2/27/09	3/27/09	Path-forward is being evaluated - dates could be revised
200-SW-1 RI/FS Work Plan	200-SW-1	Greg Berlin	P	Complete	Complete	TBD	TBD	TBD	TBD	Final Ecology response/comment incorporated; RL and Ecology signatures are "on-hold"
200-ZP-1 Aquifer Testing SAP	200-ZP-1	Mark Byrnes	P	12/1/08	TBD	Complete	Complete	12/15/08	1/15/09	This report is in CHPRC approval cycle; once approved, it will go to RL and EPA for approval.
200-ZP-1 Sampling and Analysis Plan in Support of Drilling of Eight Extraction Wells and One Injection Well in FY-09	200-ZP-1	Mark Byrnes	P	TBD	TBD	TBD	TBD	TBD	TBD	EPA, Ecology, and RL comments have been addressed; getting concurrence from RL and EPA prior to issuing Rev. 0 in December 2008.
200-ZP-1 Sampling and Analysis Plan in Support of Drilling Remaining Extraction Wells and Injection Wells Beyond FY-09	200-ZP-1	Mark Byrnes	P	TBD	TBD	TBD	TBD	TBD	TBD	To be prepared in FY-10.
200-ZP-1 Air Monitoring Plan	200-ZP-1	Mark Byrnes	P	TBD	TBD	TBD	TBD	TBD	TBD	To be finalized by March 2009; will be updated each year for out years.

S&GRP Input of Primary and Secondary Documents for PMM										
Project Name / Document Title	Operable Unit	Project Lead	Primary or Secondary Document (P, S)	Internal Review Dates		RL Review Dates		Regulator Review Dates		Short Description / Notes
				NA	NA	NA	NA	NA	NA	
DOE/RL-2007-50 Central Plateau Ecological Risk Assessment	200 Area CP ERA	John Lowe	P	NA	NA	NA	NA	NA	NA	Comments on Draft A have been incorporated; the revised draft was received from the contractor (Neptune) at the end of FY-08; work has been stopped on this effort pending replanning by CHPRC; revised scope and budget for FY-09 is under development
Data Quality Objectives Summary Report for Characterization of the Soil Desiccation Pilot Test Site	200 Area - DVZ	Jeff Riddelle	S	Complete	Complete	NA	NA	NA	NA	Will incorporate RL & Regulator comments when SAP is approved and SAP Rev. 0 is issued. DQO will not go to RL and regulator for approval.
DOE/RL-2008-67, Sampling and Analysis Plan for Characterization of the Soil Desiccation Pilot Test Site	200 Area - DVZ	Jeff Riddelle	P	Complete	Complete	11/12/08	12/28/08	11/12/08	12/28/08	Implements DVZ Treatability test Plan. Concurrent RL and regulator review.
Data Quality Objectives Summary Report for the Soil Desiccation Pilot Scale Test	200 Area - DVZ	Jeff Riddelle	S	4/30/09	5/8/09	NA	NA	NA	NA	Will incorporate RL & Regulator comments when SAP is approved and SAP Rev. 0 is issued. DQO will not go to RL and regulator for approval.
DOE/RL-2008-XX, Sampling and Analysis Plan for the Soil Desiccation Pilot Scale Test	200 Area - DVZ	Jeff Riddelle	P	4/30/09	5/8/09	6/2/09	7/15/09	6/2/09	7/15/09	Implements DVZ Treatability test Plan. Concurrent RL and regulator review.
200-BC-1 ERC DQA Report	200-BC-1	Mark Benecke	S	TBD	TBD	NA	NA	NA	NA	
200-BC-1 ERC Borehole Summary Report	200-BC-1	Mark Benecke	S	12/8/08	12/22/08	NA	NA	NA	NA	Need to find Stroller logging data
Field Test Plan for the Soil Desiccation Pilot Test	200 Area - DVZ	Jeff Riddelle	P	3/2/09	3/13/09	6/2/09	7/13/09	6/2/09	7/13/09	Implements DVZ Treatability test Plan. Concurrent RL and regulator review.

200 AREA PROJECT MANAGERS' MEETING STATUS

December 18, 2008

GEOGRAPHIC ZONE REMEDIATION

200 North Geographic Remediation

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

- Initiated planning activities to conduct sampling.

Rail Car Disposition Options Study (RL: Al Farabee)

- (no change) The railroad car disposition options study will be transmitted to regulatory agencies in FY09. Then DOE will discuss options with the agencies.

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

MIS Pilot Test Project (RL: Al Farabee)

FY09 funding/priority for MIS Pilot Test Project is under evaluation.

BC Control Zone Geographic Remediation

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

- Interim On – Site Coordinator report projected for inclusion in the AR at next PMM.

Schedule Status: On schedule.

Regulator Comments

U Plant Zone Geographic Remediation

200-UW-1 Ecology Lead (RL: Doug Hildebrand)

- Resolution of issues related to the U-12 Supplemental Deep Vadose Zone characterization DQO continues. We are exploring a strategy to incorporate all of the waste source sites under a 200-UW-1 ROD to support zone closure.
- A detailed follow-up discussion is needed with Ecology to discuss delay of deep vadose zone characterization and pursuit of an interim ROD for the shallow vadose zone remediation

Schedule Status: The project activities funded for this OU in FY09 are related to consolidating project information and actions to date and placing the project in safe storage. Discussions are on-going on FY09 priorities concerning projects currently identified for safe storage. The outcome of these discussions will determine if the project will proceed or be placed in safe storage in FY09.

Regulator Comments

Canyon Disposal Initiative (RL: Al Farabee)

- 221-U Facility Remedial Design/Removal Action Work Plan (RD/RAWP):
Resolution/incorporation of EPA and Ecology comments in progress.
EPA and Ecology comments received October 23, 2008.
Response due: December 7, 2008
- U Plant Ancillary Facilities Removal Action Work Plan (RAWP):
Resolution/incorporation of EPA and Ecology comments in progress.
EPA comments received September 15, 2008. Ecology comments received September 26, 2008.
Response due: November 10, 2008.

Schedule Status: Transmit U Plant Ancillary Facilities RAWP to the EPA and Ecology 12/25/08. RL to meet with the regulators to provide revised 221-U Facility RD/RAWP by December 22, 2008. RL to respond to comments from Nez Perce in separate correspondence.

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.

Schedule Status: The negotiation completion timeframe, as described in the associated SOD Resolution, will likely not be met. The projected negotiation delay is due to the projected delay in the RL Performance Measurement Baseline (PMB) approval. Per the SOD Resolution, the negotiations may be extended, by agreement of the Parties, due to a delay in the PMB approval. DOE intends to transmit the extension paperwork in early January for consideration by the EPA and Ecology.

Regulator Comments

GROUNDWATER AND SOURCE OPERABLE UNITS

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 by the end of December.
- Pump and Treat
 - 200-UP-1 pump-and-treat is back in operation as of November 18, 2008 following the ETF outage with one extraction well in operation.

Schedule Status: The RI/FS activities for this OU in FY09 are related to consolidating project information and actions to date and placing the project in safe storage. The pump and treat operations will continue; in addition to the sampling and monitoring activities.

Regulator Comments

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

- 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 and placing the project in safe storage.

Regulator Comments

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

Supplemental Remedial Investigation

- HEIS data for soil samples related to the 216-U-10 borehole was provided to Ecology at their request on December 3, 2008.

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

Regulator Comments

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 was initiated. The Data Quality Assessment will follow.
- 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.

Schedule Status: The project activities funded for this OU in FY09 are related to completing FY08 field activities, consolidating project information and actions to date and placing the project in safe storage. Discussions are on-going on FY09 priorities concerning projects currently identified for safe storage. The outcome of these

discussions will determine if the project will proceed or be placed in safe storage in FY09.

Regulator Comments

EPA wants to see the data incorporated into the FS/PP in order to close the loop on the CERCLA documents – both the ERC and the excavation treatability test. EPA does not see this as an expensive action. Ecology supports this as an FY09 priority.

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 delivered for regulator and DOE concurrent review on November 12, 2008. The 45-day comment period ends December 28, 2008. Initial comments discussed with regulators and DOE on December 8, 2008, working toward approval by December 18, 2008.

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)

- Lab work supporting this milestone will be performed by PNNL. PNNL proposals have been submitted and are in approval. Expected approval December 12, 2008.
- The CHPRC contract with PNNL to initiate the uranium reactive gas work is being kicked off. Initial focus will be on literature review of reactive gas (hydrogen sulfide, triethyl phosphate, carbon dioxide, & ammonia) injection, air injection to deliver reactive solids (nano/micron-sized zero valent iron, sulfur-modified iron, sodium phosphate), and foam injection to deliver reactive liquid (sodium phosphate/sodium tripolyphosphate) or solids calcium polysulfide, zero valent iron). (We may not need to report the chemical details.) 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

Ecology requests to see the test plan for the reactive gas work.

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

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

No change in status.

- All 68 direct pushes are complete.
- All geophysical logging complete. Compiling the raw data.

Schedule Status: The RCRA Closure Plan for the CX Tank System is on schedule. The remainder of the project is in safe storage.

Regulator Comments

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

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

- 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.

Schedule Status: The project activities funded for this OU in FY09 are related to consolidating project information and actions to date and placing the project in safe storage. Discussions are on-going on FY09 priorities concerning projects currently identified for safe storage. The outcome of these discussions will determine if the project will proceed or be placed in safe storage in FY09.

Regulator Comments

EPA's CERCLA planning target is to complete a ROD by 9/30/09. Ecology supports this as an FY09 priority.

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 transmitted to Ecology for review and approval on October 2, 2008. Additional/final comments have since been received from Ecology, reviewed by RL, and incorporated. Document release is

pending a final set of signatures from RL.

- 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 and placing the project in safe storage.

Regulator Comments

Ecology would like Matt McCormick to sign the final document within 2 weeks. If this does not occur, Ecology will sign the November document that Matt has already signed.

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 350 gpm.
 - Well W11-46 is on line pumping water to ETF at a rate of approximately 35 gpm. Well W11-45 is still down due to what appears to be a failed pump.
 - Work on the Remedial Design/Remedial Action Work Plan is on schedule to be delivered RL by March 31, 2009. The internal draft of the report will be going out for internal review next week.
 - The selected location for the 200 West Area Groundwater Treatment Facility has been approved. It is south and east of T Plant.
 - 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 functional design criteria and draft design test plan are currently being worked on.
 - The regulatory agencies recently provided RL approval on the proposed use of blank casing sections within very long screened intervals (possibly >100 ft) within the unconfined aquifer. The advantage of this completion is that it allows the flexibility of closing off sections of the screened interval so that pumping can concentrate on only those intervals with the highest contaminant concentrations. The SAP supporting this well drilling effort provides further details on this type of completion.
 - 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

Ecology will be sending a letter to EPA confirming their concurrence on the use of multi-screen wells with blank casing sections.

EPA provided verbal approval for DOE-RL-2008-57, rev. 0 and asks that the signature sheet be provided in the document.

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 is undergoing review by RL during December. A meeting with EPA to discuss the red-line FS and the path forward for this OU has been set for January 8, 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):
 - The SVE system was shut down for the winter on October 6, 2008.
 - Monthly monitoring results for November 2008 for the soil vapor probes and wells were consistent with results from previous monitoring. A well completed in FY08 as a soil vapor extraction well in the 216-Z-1A Tile Field was sampled for the first time in November.
 - 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 early January 2009.

Schedule Status: On schedule.

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 late January.

Schedule Status: On schedule to meet TPA interim milestone.

Regulator Comments

200-PW-2 & 200-PW-4 Ecology Lead (RL: Doug Hildebrand)
(M-15-43D, 12/31/10, Feasibility Study and Revised Recommended Remedy(ies))

- Decommissioning of three direct push boreholes in the 216-S-1/2 Crib has been completed.
- 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), consolidating project information and actions to date and placing the project in safe storage.

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. Both agencies have asked for extensions of time for their reviews. EPA comments have been received.

Schedule Status: Ahead of schedule to meet the TPA interim milestones.

Regulator Comments

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

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 is continuing to complete analyses for the following wells: 299-E33-340, 299-E33-341 and 699-52-55B.
 - 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 is going through clearance and will be transmitted to EPA in January 2009.

Schedule Status: The project activities funded for this OU in FY09 are related to consolidating project information and actions to date and placing the project in safe storage. The sampling and monitoring activities will continue.

Regulator Comments

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 December 10, 2008, 31 out of 41 sample ready wells were sampled. Also continued investigating sample readiness of 43 decommissioning candidate wells for a total of 86 wells to be sampled.
- A detailed follow-up discussion is needed with Ecology to discuss pursuit of an impracticability waiver for radioactive iodine and tritium.

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

Regulator Comments

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 investigation-derived waste (IDW) at the 216-S-6 waste site was shipped to ERDF for disposal. 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, consolidating project information and actions to date and placing the project in safe storage.

Regulator Comments

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 and then a final civil survey will be performed. A borehole summary report will be prepared to document the field activities. The geophysical log data report for this borehole was issued by the subcontractor. Only two thin layers of contamination were detected in moderate amounts. The results should aid in work planning for a

future monitoring well (the "K" well) to be installed by the 200-BP-5 Groundwater OU.

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

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: The project is in safe storage.

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: The project is in safe storage.

Regulator Comments

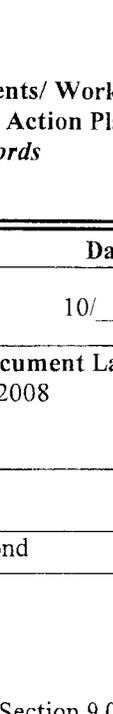
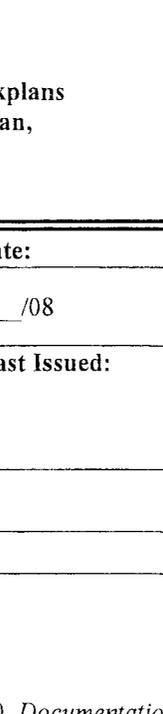
200-UR-1 *Ecology Lead* (RL: Frank Roddy)

Schedule Status: The project is in safe storage.

Regulator Comments



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

Change Number	Document Submitted Under Tri-Party Agreement Milestone	Date:	
TPA-CN-239	N/A	10/___/08	
Document Number and Title: SGW-33891, Revision 1, Waste Control Plan for Supplemental Remedial Investigation Activities at Model Group 5, Large Area Ponds, Waste Sites Located Within the 200-CW-1 Operable Unit		Date Document Last Issued: January 2008	
Originator: Ron C. Brunke		Phone: 376-2663	
Description of Change: Change the location of the waste container storage area for the 216-S-17 Pond			
<p><u>B. Charboneau</u> and <u>J. Price</u> agree that the proposed change modifies an approved RL Lead Regulatory Agency 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>The waste container storage area for 216-S-17 Pond is moved along the northern perimeter of the 216-S-17 Pond to a more accessible location. A location plat is provided.</p>			
Justification and Impacts of Change:			
<p>The waste container storage area is inspected weekly. The former location required driving through areas susceptible to blowing and drifting sand. The new location is adjacent to an improved road allowing safer access.</p>			
Approvals:			
 RL Project Manager	10-27-08 Date	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved
 Ecology Project Manager (CW-1 OU Lead)	11-13-2008 Date	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved

