

Meeting Minutes Transmittal/Approval
 Project Managers' Meeting
 200 Area Groundwater and Source Operable Units
 1200 Jadwin, Richland, Washington
 February 19, 2009

APPROVAL: *Marco Vozgl* DATE: 2-19-09
 Al Farabee, 200 Area Project Manager, DOE/RL
 MARRIED VOZGL

APPROVAL: *Brian Tortoso* DATE: 2-19-09
 Arlene Tortoso, 200 Area Unit Manager, DOE/RL
 Brian Charbonneau

APPROVAL: *Craig Cameron* DATE: 2-19-09
 Craig Cameron, 200 Area Project Manager, EPA
 Fed Lobos for -

APPROVAL: *John Price* DATE: 2/19/09
 John Price, 200 Area Project 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
 MAR 02 2009
EDMC

Minutes of the 200 Area Project Managers' Meeting of February 19, 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 | "Redline/Strikeout Pages of DOE/RL-92-76, Rev. 1, Remedial Investigation/Feasibility Study Work Plan for the 200-UP-1 Groundwater Operable Unit" |
| Attachment 6 | Approved of RL-206-21 Remedial Design/Remedial Action Work Plan for the 221-U Facility. |

200 Area Project Managers' Status Meeting
February 19, 2009

Please print clearly and use black ink

PRINTED NAME	ORGANIZATION	O.U. ROLE	TELEPHONE
Randy Atley	Wa Dept. Health		946-0534
Janice Williams	CHPRC	Facilitator	372-3553
Stanley Simon	ODOE	(SA)	963-0853
Wade Woolery	DOE RL	PM	372-2889
Kevin Leary	DOE-RL	Pm	373-7285
Arlene Tortoso	DOE-RL	Pm	373-9631
Rick Bond	Ecology		372-7885
Doug Chiz	DOERL		373-9396
Naomi Hake	DOE RL		376-5527
JOHN MORSO	DOE RL		376-0057
Craig Cameron	EPA		376-8665
Brian Carbonneau	RL		373-6137
Rob Hildebrand	DOE-RL		373-9626
Rubench Snyton	Ecology		372-7923
RON MARRISON	YAW SCS		376-2994
Emerald Laja	EPA		376-4919
Rod Lobos	EPA		376-5749
Bryan Foley	DOE		376-7087
MARGO VON	DOE		376-8375

**DISTRIBUTION
PROJECT MANAGERS' MEETING,
200 AREA GROUNDWATER SOURCE OPERABLE UNITS
February 19, 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
February 19, 2009**

Agreement: Ecology (Zelma Jackson and John Price) agree with the redline/strikeout revisions to the 200-UP-1 RI/FS Work Plan transmitted to John Price on 02/03/2009. These changes as required by TPA-CN-252, modify RL-92-76, Rev. 1, Remedial Investigation/Feasibility Study Work Plan for the 200-UP-1 Groundwater Operable Unit. It is acknowledged that the revisions were made as specified, and submitted within 30 days of agreement. (Attachment 5)

Agreement: None identified.

Issue: None identified.

Delegations for February 19, 2009 UMM meeting:

EPA	Craig Cameron
Ecology	Zelma Jackson
DOE/RL	Arlene Tortoso
	Margo Voogd

SRP Input of Primary and Secondary Documents for PMM - February 2009

2/19/09
Attachment 3, Figure 1
CHPRC 0900115

Project Name / Document Title	Operable Unit	Project Lead	Primary or Secondary (P and S)	Document Start Date	Internal Review Start Date	Internal Review End Date	RL Review Start Date	RL Review End Date	Regulator Review Start Date	Regulator Review End Date	Final Document Issue Date	TPA Milestone Date	Short Description/Notes
200-PO-1 RI Phase II Report, Draft A	200-PO-1	Gloria Cummins	P	2/2/09	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-MG-1 Action Memorandum	200-MG-1	Greg Berlin	P	1/15/09	1/15/09	1/30/09	3/1/09	3/30/09	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-1 EE/CA, Draft A (Ecology)	200-MG-1	Greg Berlin	S	3/30/08	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-MG-1 EE/CA, Rev. 0 (Ecology)	200-MG-1	Greg Berlin	S	3/1/09	4/1/09	TBD	TBD	TBD	TBD	TBD			
200-MG-2 Action Memorandum	200-MG-2	Greg Berlin	P	1/15/09	1/15/09	1/30/09	3/1/09	3/30/09	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-2 EE/CA, Draft A (EPA)	MG-2	Greg Berlin	S	3/30/08	Complete	Complete	Complete	Complete	11/1/08	12/15/08			The Rev. 0 EE/CA for MG-2 will be prepared for RL transmittal in late March 2009
200-MG-2 EE/CA, Rev. 0 (EPA)	MG-2	Greg Berlin	S	2/1/09	3/1/09	TBD	TBD	TBD	TBD	TBD			
200-BP-5 Groundwater RI/FS Work Plan, Rev. 1, DOE/RL-2007-18	200-BP-5	Greg Thomas	P		Complete	Complete	12/13/08	1/13/08	TBD	TBD		NA	Sent to RL on 12/13/08 for approval; to be transmitted to EPA for their approval
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	4/13/09	TDB	NA	Reviews are supporting updates for submittal of Draft B to EPA by 2/27/09
200-BC-1 ERC Borehole Summary Report	200-PW-1/3/6	Kathy Davis	P		2/1/09	2/6/09	5/11/09	6/16/09	8/5/09	9/17/09	TBD	NA	Dates are based on assumption that we get direction as to the preferred remedy from RL by 1/16/09. Dates will be "fluid" for awhile.
200-ZP-1 Pump and Treat Annual Report	200-ZP-1	Mark Byrnes	P	10/1/08	Complete	Complete	1/20/09	2/2/09	1/20/09	2/20/09	3/10/09	NA	Document is currently in internal review.
200-ZP-1 Sampling and Analysis Plan in Support of Drilling of Eight Extraction Wells and One Injection Well in FY-09 and the 200-ZP-1/200-PW-1 Waste Management Plan (DOE/RL-2000-40, Rev. 0)	200-ZP-1	Mark Byrnes	S	10/13/08	1/7/09	1/29/09	3/2/09	3/16/09	3/2/09	3/16/09	4/27/09	NA	Annual report on pump and treat status; required per DOE/RL-96-07, Rev. 0 and DOE/RL-96-36, Rev. 2
200-CW-5 Draft B Feasibility Study	200-ZP-1	Mark Byrnes	P	FY10 Activity	FY10 Activity	FY10 Activity	FY10 Activity	FY10 Activity	FY10 Activity	FY10 Activity			To be prepared in FY-10.
200-ZP-1 RD Report	200-IS-1	Mike Hickey	P		Complete	Complete	Complete	Complete	12/22/08	TBD	TBD	12/31/08	Sent to EPA on 12/22/08
200-MW-1 Feasibility Study for Supplemental Investigations	200-ZP-1	Mike Ostrom	P	10/1/08	1/13/09	1/19/09	2/9/09	2/20/09	4/1/09	5/15/09	6/30/09		TPA commitment (3/31/09) to have a Draft A to EPA
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	11/15/09	TBD	NA	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	11/15/09	TBD	NA	This document will be submitted to RL and they will transmit it to EPA with 10 days

OPEN ACTION ITEM TRACKING

Action #	Action/Subject	Assigned To	Owed To	Assigned Date	Original Due Date	Adjusted Due Date	Status
117	DOE to provide a schedule for completing the ECO Risk Assessment.	RL-Foley	EPA/Ecology	1/15/09	2/19/09	3/10/09	Schedule provided 2/19/09 at the 200 A PMM. Action will remain open until follow up meeting is held.
118	Hold a meeting to discuss the well drilling schedule for FY09, FY10 and priorities for more funding.	RL-Mike Thompson	EPA/Ecology	2/19/09	3/19/09		
119	Meet with Regulators so they are included in the process for EM-22 funding	RL-Mike Thompson	EPA/Ecology	2/19/09	3/19/09		

CERCLA 5-Year Review Action Items

Action #	Action/Subject	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.

200 AREA PROJECT MANAGERS' MEETING STATUS

February 19, 2009

Central Plateau Geographic Remediation

Key Facility Negotiations (RL: Margo Voogd)

- 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 February 23, 2009.

Schedule Status: The negotiation completion schedule options will be discussed at the February 23, 2009 meeting.

Regulator Comments

CP MIS Utilization (RL: Margo Voogd)

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

Schedule Status: N/A

Regulator Comments

U-Zone Geographic Remediation

U-221 Disposition (RL: Margo Voogd)

- 221-U Facility Remedial Design/Removal Action Work Plan (RD/RAWP): Approved February 3, 2009.

Schedule Status: On schedule.

Regulator Comments

U-Ancillary Facilities

- U-Ancillary Facilities Removal Action Work Plan (RAWP) approved December 30, 2008.

Schedule Status: On schedule.

Regulator Comments

200 North Geographic Remediation

212-N, P, R (RL: Margo Voogd)

- EE/CA: Action Memorandum in review/approval cycle.
- DQO: Draft in development.

Schedule Status: EE/CA is currently scheduled for regulatory agency review February 26, 2009.

Regulator Comments

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

- Planning activities to conduct sampling continue.

Schedule Status: On schedule.

Regulator Comments

Rail Car Disposition Options Study (RL: Margo Voogd)

- RL will be revising the Rail Car Disposition Options Study timeline.

Schedule Status: TBD.

Regulator Comments

Central Plateau Groundwater and Source Operable Units

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

- Interim On Site Coordinator report being finalized.

Schedule Status: On Schedule.

Regulator Comments

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

- RI/FS Work Plan:
 - RI field work has been declared complete and activities are underway to initiate data quality assessment and data reduction to support preparation of the combined RI/FS report.
- 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 have been provided to Ecology.
- 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 include continuing routine monitoring and data collection. RI/FS report preparation will also begin this fiscal year. 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 320 gpm.
- Extraction wells W11-45 and W11-46 are on line pumping water to ETF at a rate of approximately 45 gpm.
- Work on the Remedial Design/Remedial Action Work Plan is on schedule. RL comments on the Decisional Draft were recently received. Revisions are currently being made.
- 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.
- Drilling has started on first three extraction wells EW-1 (C7017, SW corner of TX-TY Tank Farm). EW-2 and EW-3.
- A test plan is currently being prepared to outline details on aquifer testing to be performed in extraction well EW-1 (C7017).
- Rev. 8 to the ZP-1 Waste Management Plan (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 document supporting the 200-West Area Pump-and-Treat System is currently being finalized.
- Plans are currently being made to perform additional treatability testing of ion exchange resin options for removing Tc-99, I-129, and uranium from ZP-1 groundwater.
- PNNL is currently preparing for aquifer testing to be performed in the first permanent extraction well (EW-1, C7017). The results from this aquifer testing will be used as inputs to the MODFLOW computer model and will support the spacing between cross gradient extractions wells.

Schedule Status: On schedule.

Regulator Comments

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

- The Draft B Feasibility Study will be submitted to EPA on February 27, 2009. The Draft B Proposed Plan is in preparation, using the new template and layout that is under development.
- 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 and January 2009 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. One CHPRC engineer is on his way to Louisiana this week to perform a final inspection prior to delivery to Hanford.

Schedule Status: Draft B Feasibility Study is on schedule. Following discussions held between EPA and RL on January 7, 2009, it was agreed the Draft B Proposed Plan has been delayed to allow for discussion among the Tri-Parties. A Schedule for submittal of the Draft B PP is being developed.

Regulator Comments

Deep Vadose Treatability Test M-15-53 (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 being between Jan 20 and Feb 20.

Schedule Status: On schedule to meet TPA milestone.

Regulator Comments

Deep Vadose Treatability Test M-15-54 (RL: John Morse)

(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 March 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)

- Ecology and RL continue to communicate regarding path forward and related issues including integration of CERCLA remediation and TSD closure activities. A revision of the draft M-16 change package provided by Ecology in December was provided to Ecology by email February 13 to support coordination of TSD closures, CERCLA OU actions, and preparation of permit conditions for the re-issued Hanford Facility Dangerous Waste Permit.

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)

- January 20th letter to EPA provided a path forward to address EPA's comments on the Feasibility Study and Proposed Plan. Submittal of a revised FS and PP is planned on or before August 31, 2009.

Schedule Status: Developing revised schedule for FY09 to provide updated FS and PP by August 09. Current plan is to work collaboratively with EPA to address identified with the Draft B documents.

Regulator Comments

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. The M-15-08-07 TPA change package currently out for the public comment revises the M-15-38B due date 9/30/2011.

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 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) was completed.
- Preparing to the complete excavation based treatability test final report.

Schedule Status: As a result of discussions between the tri-parties, work on revision of the FS/PP has been prioritized to continue in FY09. Schedule information will be shared as it is developed in subsequent PMMs. The M-15-08-07 TPA change package currently out for the public comment revises the M-15-51, due date to 9/30/10.

Regulator Comments

EPA requests that as documents are updated they be kept informed.

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, 216-B-55, and 216-S-6 waste sites were all disposed of in ERDF; no waste remains in the field.

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. A change package that addresses the 200 SC-1 schedule is planned to be prepared by 12/31/09 as specified in the proposed M-15-40E interim milestone.

Regulator Comments

200-UW-1 Ecology Lead (RL: 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.

Schedule Status: As a result of discussions between the tri-parties, the completion of the FS/PP has been prioritized into FY09. Schedule information will be shared as it is developed in subsequent PMMs.

Regulator Comments

200-IS-1 (RL: Kevin Leary)

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

- 241-CX Tank System Closure Plan transmitted to the Ecology December 22, 2008.
- Ecology has proposed a minor deviation from the HFFACO figure 9-2 Part B Permit Application and Closure/Post closure Plan Process Flowchart. Ecology has proposed moving to Project Managers Issue Resolution part of the process due to the minor nature of their comments. A work shop was held February 3, 2008 with Ecology to discuss revisions to the 241-CX-Tanks System Closure Plan. Preliminary assessment suggests

about a dozen page changes. A second work shop will be scheduled once the page changes are incorporated into the document

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

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-S-1/2 Crib is being prepared.
- 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

- 200-BP-5 Work Plan/SAP Revision 1 (RL-2007-18 Rev 1).
 - The work plan was signed by EPA February 5, 2009.
- 200-BP-5 Conceptual Transport Model Report for the WMA B/BX/BY and surrounding area.
 - The report is being drafted by PNNL.
 - The draft report is planned for review in mid August 2009.
 - The report will focus on uranium and technetium-99 contaminant transport.
- Water disposal for the FY2008 investigation wells is planned to start the designation process in March.

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

Regulator Comments

EPA still considers this a high priority for the Central Plateau and expects DOE to provide resources as they become available.

200-PO-1 Ecology Lead (RL: Doug Hildebrand)
(M-015-25C, 12/30/09 200-PO-1 OU RI Phase II Report)

- A 200-PO-1 TPA Change Notice was approved on January 15, 2009 to prepare a combined RI/FS document that will rely on the 1997 RFI/CMS documents and incorporate the results of the recent 200-PO-1 OU RI/FS Work Plan Phase I Field Investigations. Page change revisions to the RI/FS Work Plan were prepared and submitted within 30 days of document change notice approval (2-15-09) as required. The page change revisions include changes to the Work Plan tasks and schedule and remove the requirement for delivery of a RI Phase II Report.
- Continued sampling 200-PO-1 OU Work Plan Appendix A Characterization wells. As of January 30, 2009, 41 out of 41 sample ready wells were sampled. An investigation of sample readiness of wells for decommissioning was completed and found 28 candidate wells to be available for sampling. A list of wells were provided to Ecology on January 30, 2009 for approval to purge sample water to ground so sampling the sampling of the available Appendix A wells can be completed.

Schedule Status: As of January 15, 2009 the schedule to meet M-015-25C for a RI Phase II report is on hold pending M-15 and M-16 milestone TPA negotiations.

Regulator Comments

Ecology is in the process in preparing a letter in response to purge water.

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

To support the cleanup efforts of the Central Plateau, Ecology would like for USDOE to provide resources to continue with the phased approach for the 200-SW ½ project activities.

200-MW-1 EPA Lead (RL: Frank Roddy)
(M-15-44B, 9/30/09, Feasibility Study/Proposed Plan)

- Both the FS and PP are undergoing internal review.

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 Draft A EE/CA, comment responses have been drafted/shared with EPA and are being finalized to support a final (Revision -0) EE/CA document. Ecology has notified RL of an extension (to late February 2009) to complete their review of 200-MG-1 EE/CA.
- Site 216-S16D will be transferred from MG-2 to MG-1 since it is outside the Central Plateau core area and is more properly listed in the Ecology OU since they have the sites outside the formal 200 area boundaries.

Schedule Status: On schedule

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 C6911 borehole was decommissioned and the final civil survey was completed. All the waste was surveyed out and no waste remains in the field. The draft borehole summary report is undergoing internal review

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

Ecological Risk Assessment (RL: Bryan Foley)

- In January 2009 a review was completed of the revised version of the CP ERA report that had been submitted to Flour Hanford by Neptune & Company at the end of September 2008. Additional effort is needed to produce a suitable document for RL and regulatory agency review. RL is reviewing the Interim Performance Management Baseline (IPMB) which includes continued effort in the revising the CP ERA report during FY09 to address regulator comments on the Draft A version of that report.

Schedule Status: Ecological risk activities have been included in the IPMB which is currently undergoing RL review and has not yet been approved by RL. That draft proposed schedule will be provided to both EPA and Ecology, as requested, at the February 2009 PMM. RL anticipates the schedule for completion of the CP ERA will undergo additional change in the final approved IPMB.

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)

- Three pushes at T-18, have been decommissioned. Borehole summary report underway.

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)

Scheduled Status: No FY09 activities are scheduled for this OU.

Regulator Comments

ATTACHMENT

CHPRC-0900058
CONTRACT NUMBER DE-AC06-08RL14788

**"Redline/Strikeout Pages of DOE/RL-92-76, Rev. 1, Remedial
Investigation/Feasibility
Study Work Plan for the 200-UP-1 Groundwater Operable Unit"**
Consisting of 3 pages,
including this cover page

7.0 PROJECT SCHEDULE

Completion of the RI/FS activity for the 200-UP-1 OU is specified as a 200-UP-1 OU-specific requirement defined in Milestone M-015-17A, which states that a combined RI/FS report and proposed plan shall be submitted to Ecology by December 31, 2010. While Tri-Party Agreement Milestone M-15-00C requires completion of the pre-ROD 200 Area RI/FS process for all non-tank farm OUs by December 31, 2008, this milestone date will need to be re-negotiated to accommodate the 12 new groundwater monitoring wells that Ecology recently requested be installed between FY06 and FY08. Tri-Party Agreement Milestone M-16-00 requires the completion of remedial actions for all non-tank farm OUs by September 30, 2024. Tri-Party Agreement change notice number TPA-CN-252 (January 15, 2009) documents concurrence among the parties that sufficient RI data are available as of January 2009 and that preparation of a combined RI/FS report for 200-UP-1 OU should begin in February 2009. If additional data needs are identified during the RI/FS report preparation, those needs will be identified for fulfillment through post-ROD supplemental characterization.

The project schedule for activities discussed in this work plan is provided in Figure 7-1. This schedule will serve as the baseline for the work-planning process and will be used to measure the progress of the implementation of this process. The schedule for RI activities and the preparation, review, and issuance of the combined RI/FS report, the FS, and the proposed plan are also shown in Figure 7-1. The schedule concludes with the preparation of a ROD.

Figure 7-2 illustrates how the 200-UP-1 RI/FS schedule fits into the overall schedule for RCRA/CERCLA-related activities for the 200 West Area. Any pertinent data that becomes available after the 200-UP-1 RI report has been issued will be included in the 200-UP-1 FS.

Activity ID	Activity Name	Original Duration	Start	Finish	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014
					F	F	F	F	F	F	F	F	F	F	F	F
200 UP-1 OU RI/FS & Proposed Plan																
120	Revise / Issue Final Work Plan	681	04-Feb-03 A	14-Oct-05 A												
130	Perform Remedial Investigations	1071	30-Sep-04 A	31-Dec-08 A												
140	Initiate Drilling of 12 Wells	0	01-Dec-05 A													
150	Complete Drilling of 12 Wells	0	05-May-08 A													
160	Sample 12 Wells / Analyse Samples	21	15-Jan-08 A	25-Dec-08 A												
170	RI/FS Report: Data Evaluation	88	03-Feb-09*	08-Jun-09												
180	RI/FS Report: Modeling	88	09-Jun-09	12-Oct-09												
190	RI/FS Report: Risk Assessment	85	13-Oct-09	16-Feb-10												
200	RI/FS Report: Identify / Screen Technologies	33	22-Apr-09*	08-Jun-09												
205	RI/FS Report: Develop / Screen Technologies	66	09-Jun-09	10-Sep-09												
210	RI/FS Report: ARAR / RAO Development	65	11-Sep-09	14-Dec-09												
215	RI/FS Report: Compare Alternatives	64	15-Dec-09	18-Mar-10												
225	RI/FS Report: Prepare, Review & Revise RI/FS Report	261	19-Mar-10	31-Mar-11												
235	Submit Draft "A" RI/FS Report to Ecology	0	30-Dec-10*													
245	Prepare / Review / Revise / Issue Proposed Plan	295	29-Jan-10	31-Mar-11												
255	Submit Draft "A" Proposed Plan Report to Ecology	0	30-Dec-10*													
265	TPA Milestone M-015-17A - Submit 200-UP-1 OU RI/FS & Proposed Plan	0	30-Dec-10*													

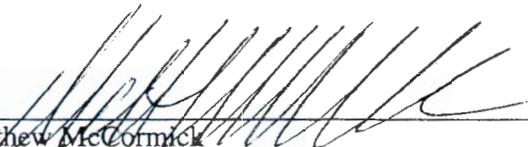
Figure 7-1. Schedule for 200-UP-1 Remedial Investigation.

DOE/RL-92-76, Rev. 1

Actual Work
 Critical Remaining ...
 Remaining Work
 Milestone

APPROVALS

DOE/RL-2006-21, Remedial Design/Remedial Action Work Plan for the 221-U Facility,
Revision 0.



Matthew McCormick
Richland Operations Office
U.S. Department of Energy

2/2/09

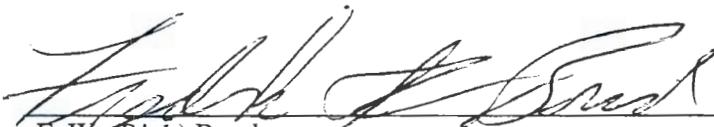
Date



Craig E. Cameron
Project Manager
U.S. Environmental Protection Agency

2/3/09

Date



F. W. (Rick) Bond
Project Manager, Nuclear Waste Program
State of Washington Department of Ecology

2-3-09

Date