

**DISTRIBUTION**  
**PROJECT MANAGERS' MEETING,**  
**200 AREA GROUNDWATER SOURCE OPERABLE UNITS**  
**November 15, 2012**

DOE/RL

(No hard copy distribution)

EPA

Craig Cameron

B1-46

Ecology

Nina Menard

H0-57

CHPRC

Lorna Dittmer (original)

H8-45

Administrative Record (2)

H6-08

Correspondence Control

A3-01



**Meeting Minutes Transmittal/Approval**  
**Project Managers' Meeting**  
**200 Area Groundwater and Source Operable Units**  
**November 15, 2012**

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APPROVAL:  DATE: 11/15/2012  
Briant Charboneau, 200 Area Unit Manager, DOE/RL

APPROVAL:  DATE: 11-15-2012  
Craig Cameron, 200 Area Project Manager, EPA  
ROD LOBOS.

APPROVAL:  DATE: 11/15/12  
Nina Menard, 200 Area Project Manager, Ecology

HFFACO Action Plan Section 4.1 requires signature of agreements and commitments made during the Project Manager Meeting. Approval of these minutes documents approval of agreements and commitments documented in Attachment 4 to these minutes. Approval does not apply to any other attachments, which are included in these minutes for informational purposes.

**Minutes of the 200 Area Project Managers' Meeting of November 15, 2012 are attached.  
Minutes are comprised of the following:**

<b>Attachment 1</b>	<b>Attendance Record</b>
<b>Attachment 2</b>	<b>Agreements and Issues List</b>
<b>Attachment 3</b>	<b>Action Item List</b>
<b>Attachment 4</b>	<b>Operable Units and Facilities Status</b>

PRINTED NAME

### O.U. ROLE

**TELEPHONE**[illegible]



**200 Area Project Managers' Meeting  
Agreements and Issues List  
November 15, 2012**

**Agreement:** None

**Issue:** None

**Announcements:** None

**Delegations for November 15, 2012 PMM meeting:**

DOE/RL      Mike Cline for Briant Charboneau

Ecology      Kim Welch for Nina Menard

EPA          Rod Lobos for Craig Cameron

**200 Area Project Managers' Meeting  
November 15, 2012**

CHPRC-1204180  
Attachment 3

**OPEN ACTION ITEM TRACKING**

Action #	Action/Subject	Assigned To	Owed To	Assigned Date	Original Due Date	Adjusted Due Date	Status
137	PNNL's draft report summarizing the results from study to assess/refine the soil clean up level for carbon tetrachloride and methylene chloride needs to be added to the PW 1, 3, 6 Administrative Record File. Report is expected to be issued by end of March 2012 for review.	CHPRC contact	Administrative Record	2/16/12	6/1/12	9/30/2012	Open (closed??)
138	Meeting between Ecology, EPA and DOE to discuss Central Plateau risk assessment strategy and how they will relate to 200-IS-1	DOE	EPA, Ecology	6/21/12	?		Open; dependant on TPA renegotiations.
139	EPA would like a courtesy review of the SVE treatability test report before the document becomes publicly available	DOE	EPA	6/21/12		10/31/2012	Open
140	The Tri-Parties to meet regarding monitoring of the Hanford Prototype Barrier within 30 days.	EPA	All	9/20/12			Closed
141	Status on BC-2/WA-1 monitoring	RL/John Morse	EPA	11/15/12			Open
142	Status of final FONSI for 200-SW-2 requested review by January 15, 2013	RL/Kevin Leary	Ecology	11/15/12	1/15/13	11/15/2012	Closed - Ecology was provided an update on the development of FONSI

200 AREA PROJECT MANAGERS MEETING  
PROJECT STATUS UPDATES

November 15, 2012  
AGENDA

**CENTRAL PLATEAU INNER AREA**

200-WA-1

200-PW-1 SVE

**Inner Area: Central Plateau Burial Grounds**

200-SW-2

**Inner Area: Central Plateau Deep Vadose Zone**

200-DV-1 RI/FS

200-BC-1/200-WA-1 Tc-99 Desiccation Test

**BOTH INNER & OUTER AREAS**

200-IS-1 CMS & FS / PCAD & PP

**CENTRAL PLATEAU OUTER AREA**

200-SW-1

**CENTRAL PLATEAU GROUNDWATER**

200-ZP-1 Interim Action

200 West P&T

200-UP-1 RI/FS

S/SX Interim Action

200-BP-5 TTP

200-BP-5 and 200-PO-1 FS

**FUTURE SCOPE (out-year TPA milestones and projects)**

200-DV-1 Uranium

200-PW-1/3/6 and 200-CW-5 ROD implementation

B Plant Canyon/Waste Sites

200-CW-1, 200-CW-3, 200-OA-1

TSD Units

200-DV-1

200-BC-1 and 200-WA-1

200-EA-1

200-BP-5 and 200-PO-1

PUREX Canyon/Waste Sites

224B Concentration Facility

200-EA-1 & 200-IS-1

REDOX Canyon/Waste Sites

U Plant Canyon

EE/CA Report(s)

224T Transuranic Storage and Assay Facility

GW Plumes



200 AREA PROJECT MANAGERS MEETING  
PROJECT STATUS UPDATES

November 15, 2012

**CENTRAL PLATEAU INNER AREA**

**200-WA-1 EPA Lead**

- **M-015-91A: Submit a RI/FS work plan for the 200-WA-1 OU (200 West Inner Area) to EPA, 12/31/2011(Complete).** (RL- Kevin Leary, CHPRC – Marty Doornbos)
  - The Draft A 200-WA-1 OU Work Plan was transmitted to EPA on December 27, 2011, meeting the milestone.
  - EPA's comments on the Draft A 200-WA-1 OU Work Plan were received on May 15, 2012.

**Schedule Status:** EPA and DOE-RL respective leads are working on comment resolution and anticipate a Draft B Work Plan in the Spring 2013.

Regulatory Agency Comments: N/A

**200-PW-1 Soil Vapor Extraction System (SVE):** (RL-John Morse CHPRC –Mark Byrnes)

- With concurrence from DOE-RL and EPA, active SVE operations ended October 4, 2012. SVE units continue to be prepared for winter.
- The passive SVE system is continuing to operate. Consideration is currently being given to shutting down the passive system due to the small recovery compared to active SVE operations.
- To optimize performance, CHPRC has recently proposed to RL and EPA that FY13 active SVE operations be reduced to four months, thus providing a longer rebound period.

**Schedule Status:** The active SVE units are currently scheduled to be restarted June 1, 2013 and run through September 30, 2013.

Regulatory Agency Comments: N/A

**Inner Area: Central Plateau Burial Grounds**

**200-SW-2 Ecology Lead**

- **M-015-93A: Submit Revised RFI/CMS & RI/FS work plan for the 200-SW-2 OU to Ecology, 12/31/2011 (Complete)** (RL – Doug Hildebrand, CHPRC – Marty Doornbos)
  - The Draft A 200-SW-2 OU Work Plan was transmitted to Ecology on November 7, 2011, meeting the milestone.
  - Ecology provided comments on the Draft A 200-SW-2 OU Work Plan on August 10, 2012.

**Schedule Status:** Comment incorporation is not funded for contractor support in FY13. Beginning in January 2013, Ecology and RL will be evaluating to determine if comments can be incorporated. If not, will be included in TPA Central Plateau renegotiations starting in April 2013.

Regulatory Agency Comments: N/A



**Inner Area: Central Plateau Deep Vadose Zone**

**200-DV-1 Ecology Lead (RL – John Morse, CHPRC – Marty Doornbos)**

- The B Area perched water removal system continued operations since its restart on October 18, 2012. Approximately 2,000 gallons of effluent water is being removed per week.
- Suspected leaking well has been funded for decommissioning.

**Schedule Status:** RL planning to draft EE/CAs for BP-5 and DV-1 to transfer treatability test water to the 200W Pump & Treat Facility. Expected draft in Spring 2013.

Regulatory Agency Comments: N/A

**200-DV-1 Ecology Lead (RL – John Morse, CHPRC – Marty Doornbos)**

- **M-015-110A: Submit RFI/CMS & RI/FS work plan for the 200-DV-1 OU to Ecology. The work plan shall include technology screening that identifies technologies applicable for characterization, treatment, and monitoring of Deep Vadose Zone contaminants, 3/31/2015**

**Schedule Status:** Comment incorporation is not funded for contractor support in FY13. Beginning in January 2013, Ecology and RL will be evaluating to determine if comments can be incorporated. If not, will be included in TPA Central Plateau renegotiations starting in April 2013.

Regulatory Agency Comments: N/A

**200-BC-1/200-WA-1 Tc-99 Desiccation Test EPA Lead (RL – John Morse, CHPRC – Glen Chronister)**

- **M-015-110D: Submit technetium-99 pilot scale treatability study test report(s) as an element of the RI for the 200-BC-1/200-WA-1 OUs to EPA, 6/30/2012 (Complete)**
  - The active/operations portion of the Desiccation Pilot Test was completed on June 30, 2011.

**Schedule Status:** System is currently in post-test monitoring.

Regulatory Agency Comments: N/A

**BOTH INNER & OUTER AREAS**

**200-IS-1 Ecology Lead (RL- Doug Hildebrand, CHPRC – Marty Doornbos)**

- **M-015-112: Submit Draft B 200-IS-1 OU Pipeline System Waste Sites RFI/CMS/RI/FS WP to Ecology, including a schedule of completion dates for major tasks and deliverables, 2/28/2014.**
  - The Draft A 200-IS-1 OU Work Plan was transmitted to Ecology on November 14, 2011, meeting the milestone M-015-90.
  - Ecology comments on the Draft A 200-IS-1 OU Work Plan were received on April 2, 2012.

**Schedule Status:** Comment incorporation is not funded for contractor support in FY13. Beginning in March 2013, Ecology and RL will be evaluating to determine if comments can be incorporated.



Regulatory Agency Comments: N/A

### **CENTRAL PLATEAU OUTER AREA**

**200-SW-1 Ecology Lead (RL- Kevin Leary, CHPRC – Marty Doornbos)**

- o EA released for public review August 29, 2011. The last of the public comments were received on November 17, 2011.

**Schedule Status:** All public and tribal comments received have been incorporated into a revised EA, a draft FONSI has been prepared and is near completion of internal review by both DOE and Ecology.

Regulatory Agency Comments: Ecology has requested status of the final FONSI.

**TSD Units Ecology Lead (RL – Greg Sinton, CHPRC – Marty Doornbos)**

- **M-037-03: Submit Revised Closure Plans to support TSD closure for two (2) TSD Units: 216-B-3 Main Pond system, and 216-S-10 Pond and Ditch, 4/30/13**
  - o Ecology will prepare the two draft closure plans and submit to RL for their review and revision, if necessary.

**Schedule Status:** Ecology will provide drafts of the two closure plans by the end of November 2012 for RL review.

Regulatory Agency Comments: N/A

### **CENTRAL PLATEAU GROUNDWATER**

**Interim Action EPA Lead (RL – John Morse, CHPRC – Mark Byrnes)**

- Extraction wells 299-W11-45 and 299-W11-46 are off line. Lines are scheduled to be flushed for reuse in other areas

**Schedule Status:** On schedule.

Regulatory Agency Comments: N/A

**200-ZP-1/200 West Area GW Treatment Facility EPA Lead (RL – John Morse, CHPRC – Mark Byrnes)**

- **M-016-122, Begin Phase 1 Operation of 200W P&T System, 12/31/2011 (Complete)** During the month of October, the 200 West P&T was up and running for 23 days with pumping rates ranging from 1,200 gpm to 2,200 gpm. The longest continuous run time was approximately 60 hours. The automated system is working well. During the days when the system was off line, maintenance and repair work was performed on the plant.
- The two ion exchange resin trains were run between 400 gpm to 600 gpm combined capacity, removing Tc-99 from groundwater from selected wells near the TX-TY and T Tank Farms as well as from the vicinity of the S-SX Tank Farm.

- Analytical testing has shown the plant is successfully reducing the concentration of contaminants to below cleanup levels as specified in the Record of Decision.
- Plant tours continue to be run routinely.

**Schedule Status:** Operations efficiencies continue to improve pumping rates towards the goal of treating 1,900 gpm continuously. Four extraction wells are currently being constructed.

Regulatory Agency Comments: N/A

**200-UP-1 RI/FS EPA Lead (RL – Naomi Bland, CHPRC – Curt Wittreich)**

- The Record of Decision for Interim Remedial Action Hanford 200 Area Superfund Site 200-UP-1 Operable Unit was finalized and approved on September 27, 2012. The IROD requires submittal of the Draft A RD/RA Work Plan, including a schedule and milestone change package for EPA review within 270 days after the IROD is signed.
- **M-016-125: Submit a Remedial Design/Remedial Action Work Plan for 200-CW-5 and 200-PW-1/3/6 to EPA as describe in section 12.4 of the associated RD, 09/30/2015.** Work on the RD/RA Work Plan was initiated. A meeting was held with EPA on October 3, 2012 to discuss expectations, an initial outline, and scope assumptions for the RD/RA Work Plan. It was agreed that 1) the scope should be similar to the 200-ZP-1 RD/RA Work Plan, 2) updated groundwater plume maps should be provided, and 3) no additional design, analyses, or plans will be required for the 200-UP-1 RD/RA Work Plan. The plan will provide a schedule for the remedial design process and preparing required plans (e.g., performance monitoring, O&M and sampling and analysis plans).

**Schedule Status:** Work on the RD/RA work plan is on schedule.

Regulatory Agency Comments: N/A

**200-BP-5 TTP Ecology Lead (RL – John Morse, CHPRC – Curt Wittreich)**

- **M-015-82A: Submit Treatability Test Plan as Amendment of 200-BP-5 WP, 12/31/2010 (Complete)**
- **M-015-82B: Initiate 200-BP-5 Aquifer Tests Within 6 months of TTP Approval, approval of TPP + 6 months (Complete)**
  - Treatability Test construction was completed, but due to FY 2012 funding constraints, performance of the test is delayed. The treatability test extraction system has been placed in a safe-store configuration.

**Schedule Status:** M-015-82A and M-015-82B are complete. The Treatability Test is awaiting funding.

Regulatory Agency Comments: N/A

**200-BP-5, PO-1 FS Ecology Lead (RL – John Morse, CHPRC – Curt Wittreich)**

- **M-015-21A, Submit a 200-BP-5 and 200-PO-1 OU FS Report and PP(s) to Ecology, 6/30/2015**
  - DOE transmitted the 200-PO-1 RI Report, Revision 1, to Ecology on October 16, 2012.



**Schedule Status:** RL planning to draft EE/CAs for BP-5 and DV-1 to transfer treatability test water to the 200W Pump & Treat Facility. Expected draft in Spring 2013.

Regulatory Agency Comments: N/A

#### **FUTURE SCOPE (out-year TPA milestones and projects)**

##### **2014:**

**200-SW-2 Ecology Lead** (RL- Doug Hildebrand, CHPRC-Marty Doornbos)

- **M-015-113: Submit Draft B, 200-SW-2 Radioactive Landfills Group RFI/CMS/RI/FS Work Plan to Ecology, including a schedule of completion dates for major tasks and deliverables, 2/28/2014**

**B Plant Canyon/Waste Sites Ecology Lead** (RL – Naomi Bland, CHPRC – Marty Doornbos)

- **M-85-10A, Submit RI/FS work plan for the 200-CB-10U (B Plant Canyon/associated past practice waste sites) to Ecology, 6/30/2014**

**200-CW-1, 200-CW-3, 200-OA-1 EPA Lead** (RL –Greg Sinton, CHPRC –Marty Doornbos)

- **M-015-38B, Submit a revised FS Report and revised PP(s) for 200-CW-1, 200-CW-3, and 200-OA-1 OUs for Waste Sites in the Outer Area of the Central Plateau to EPA, 10/30/2014**

##### **TSD Units**

- **M-037-02, submit Revised Closure Plans to support TSD closure for five (5) TSD Units: 207-A South Retention Basin, 216-A-29 Ditch, 216-A-36B Crib, 216-A-37-1 Crib, and 216-B-63 Trench, 06/30/2014**

##### **2015:**

**200-DV-1 Ecology Lead**

- **M-015-110B: Submit CMS & FS and PP/PCAD for the 200-DV-1 OU to Ecology, 9/30/2015 (RL – John Morse, CHPRC – Marty Doornbos)**

**200-BC-1 and 200-WA-1 EPA Lead** (RL- Kevin Leary, CHPRC – Marty Doornbos)

- **M-015-91B: Submit Feasibility Study Report(s) and Proposed Plan(s) for the 200-BC-1/200-WA-1 operable units (200 West Inner Area) to EPA, 12/31/2015**

**200-EA-1 Ecology Lead** (RL- Doug Hildebrand, CHPRC – Marty Doornbos)

- **M-015-92A, Submit a RFI/CMS & RI/FS work plan for the 200-EA-1 OU (200 East Inner Area) to Ecology, 6/30/2015**

**200-BP-5, PO-1 Ecology Lead** (RL – John Morse, CHPRC – Curt Wittreich)

- **M-015-21A: Submit a 200-BP-5 and 200-PO-1 OU FS Report and PP(s) to Ecology, 6/30/2015**

**200-PW-1/3/6 and CW-5 ROD Implementation EPA Lead** (RL- Greg Sinton, CHPRC – Marty Doornbos)

- **M-016-125: Submit a Remedial Design/Remedial Action Work Plan for 200-CW-5 and 200-PW-1/3/6 to EPA as described in Section 12.4 of the associated ROD, 9/30/2015**

**PUREX Canyon/Waste Sites Ecology Lead** (RL – Naomi Bland, CHPRC – Marty Doornbos)



- **M-85-20A: Submit RI/FS Work Plan for 200-CP-1 OU (PUREX Canyon/associated past practice waste sites) to Ecology, 9/30/2015**

**224B Concentration Facility Ecology Lead (RL- Kevin Leary, CHPRC – Marty Doornbos)**

- **M-085-50: Submit revised removal action work plan for the 224B Concentration Facility in accordance with the Action Memorandum for the Non-Time Critical Removal Action for the 224-B Plutonium Concentration Facility (DOE/RL-2004-36). A change package with a completion milestone will accompany the submittal of the work plan. 12/31/2015**

**2016 and beyond:**

**200-EA-1 & 200-IS-1 Ecology Lead (RL- Doug Hildebrand, CHPRC – Marty Doornbos)**

- **M-015-92B: Submit CMS & FS Report(s) & Proposed CA Decision(s)/PP(s) for the 200-EA-1 and 200- IS-1 OUs (Central Plateau 200 East Inner Area) to Ecology, 12/31/2016**

**REDOX Canyon/waste sites EPA Lead (RL – Naomi Bland, CHPRC – Marty Doornbos)**

- **M-85-30A, Submit RI/FS Work Plan for 200-CR-1 OU (REDOX Canyon/associate past practice waste sites) to EPA, 12/31/2017**

**U Plant Canyon EPA Lead (RL – Wade Woolery, CHPRC – TBD)**

- **M-016-200A, Complete U Plant Canyon (221-U) demolition in accordance with the RD/RAWP, 9/30/2017**
- **M-016-200B, Complete U Plant Canyon (221-U) barrier construction in accordance with the RD/RAWP, 9/30/2021**

**EE/CA Report(s) EPA/Ecology Lead (RL – Bobby Long, CHPRC, TBD)**

- **M-85-60, Complete EE/CA report(s) for all Tier 2 facilities listed in Appendix J, 3/31/2018**

**TSD Units**

- **M-037-11, Complete unit-specific closure requirements for two (2) TSD Units; 216-B-3 Main and Pond system and 216-S-10 Pond and Ditch, 9/30/2016**
- **M-037-10, Complete Unit-Specific Closure Requirements According To The Closure Plan(s) For seven (7) TSD Units: 207-A South Retention Basin, 216-A-29 Ditch, 216-A36B Crib, 216-A-37-1 Crib, 216-B-63 Trench, Hexone Storage and Treatment Facility (276-S-141/142), and 241-CX Tank System (241-CX-70/71/72), 9/30/2020**

**224T Transuranic Storage and Assay Facility EPA Lead (RL- Kevin Leary, CHPRC – Marty Doornbos)**

- **M-085-51, Submit removal action work plan for the 224T Transuranic Storage and Assay Facility in accordance with the Action Memorandum for the Non-Time-Critical Removal Action for the 224-T Plutonium Concentration Facility (DOE/RL-2004-68). A change package with a completion milestone will accompany the submittal of the work plan. 12/31/2025**

**GW Plumes EPA/Ecology Lead (RL – John Morse)**

- **M-016-119-T01, Remedy in Place to Contain GW Plumes in 200 NPL Area, 12/31/2020**