

**DISTRIBUTION
PROJECT MANAGERS' MEETING,
200 AREA GROUNDWATER SOURCE OPERABLE UNITS
August 15, 2013**

DOE/RL

(No hard copy distribution)

EPA

Craig Cameron

B1-46

Ecology

Nina Menard

H0-57

CHPRC

Lorna Dittmer (original)

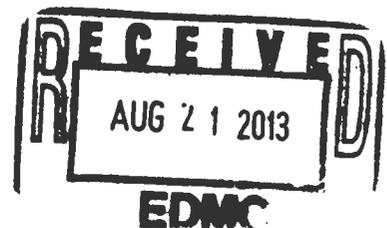
H8-45

Administrative Record (2)

H6-08

Correspondence Control

A3-01



Meeting Minutes Transmittal/Approval
Project Managers' Meeting
200 Area Groundwater and Source Operable Units
August 15, 2013

APPROVAL:  DATE: 8-15-2013
Bryant Charboneau, 200 Area Unit Manager, DOE/RL

APPROVAL:  DATE: 8-15-2013
Craig Cameron, 200 Area Project Manager, EPA
For Bobas for.

APPROVAL:  FOR DATE: 8/15/13
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 August 15, 2013 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

**200 Area Project Managers' Meeting
Agreements and Issues List
August 15, 2013**

Agreement: None

Issue: None

Announcements: None

Delegations for August 15, 2013 PMM meeting:

DOE/RL John Morse for Briant Charboneau

EPA Rod Lobos for Craig Cameron

Ecology Kim Welsch for Nina Menard

**200 Area Project Managers' Meeting
August 15, 2013**

CHPRC-1303098
Attachment 3

OPEN ACTION ITEM TRACKING

Action #	Action/Subject	Assigned To	Owed To	Assigned Date	Original Due Date	Adjusted Due Date	Status
138	Meeting between Ecology, EPA and DOE to discuss Central Plateau risk assessment strategy and how they will relate to 200-IS-1	DOE/D. Hildebrand	EPA, Ecology	6/21/12	7/31/13		Open
141	Status on BC-1 monitoring	RL/John Morse	EPA/Rod Lobos	11/15/12	7/31/13		Closed: May 22 Email to Rod
143	Meeting to discuss status of EPA comments on the WA-1 RI/FS Work Plan.	RL/John Sands	EPA/Craig Cameron	5/16/13	6/30/13		Closed; Meeting held on 6/5/13.
144	Meeting to discuss perched water extraction and discuss the draft EE/CA.	RL/John Morse	Ecology/ Dib Goswami EPA/Emy Laija	5/16/13	5/31/13		Closed; Meeting held on 5/22/13.
145	Meeting for BP-5 and C Farm to discuss NTCRA for DVZ	RL/John Morse	Ecology/Nina Menard	5/16/13	7/31/13		Closed: July 30 meeting with Dib Goswami
146	TPA Change Notice to add pipelines to IS-1	RL/Doug Hildebrand	Ecology/Kim Welsch	5/16/13	7/15/13		Open

200 AREA PROJECT MANAGERS MEETING
PROJECT STATUS UPDATES

August 15, 2013
AGENDA

CENTRAL PLATEAU INNER AREA

200-WA-1

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

TSD Units

CENTRAL PLATEAU GROUNDWATER

200-ZP-1/200 West Area

200-PW-1 SVE

200 West P&T

200-UP-1 RI/FS

200-BP-5 TTP

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

FUTURE SCOPE (out-year TPA milestones and projects)

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

August 15, 2013

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- John Sands, CHPRC – Marty Doombos)
 - 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: Comment incorporation is not funded for contractor support in FY13. Currently this task is on hold pending discussion between the agencies on whether to continue with Work Plan.

Regulatory Agency Comments: N/A

Inner Area: Central Plateau Burial Grounds

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**

Schedule Status: Not funded for contractor support in FY13.

Regulatory Agency Comments: N/A

Inner Area: Central Plateau Deep Vadose Zone

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

- **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**
 - The B Area perched water removal system continued operations, removing approximately 1,900 gallons of effluent water per week. As of the end of July 2013, 143,640 gallons of effluent have been removed since system startup.
 - Well 299-E33-18 was successfully decommissioned in June 2013.

Schedule Status: Work plan preparation continues with a goal of completing in early 2014.

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: Complete

Regulatory Agency Comments: N/A

BOTH INNER & OUTER AREAS

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

- **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: Not funded for contractor support in FY13.

Regulatory Agency Comments: N/A

CENTRAL PLATEAU OUTER AREA

200-SW-1 Ecology Lead (RL- John Sands, CHPRC – Marty Doombos)

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

Schedule Status: Not funded for contractor support in FY13.

Regulatory Agency Comments: N/A

TSD Units Ecology Lead (RL – John Sands, CHPRC – Marty Doombos)

- **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 (Complete)**

Schedule Status: Complete; the two closure plans were submitted to Ecology on April 23, 2013. The closure plans are under review by Ecology. Ecology issued a letter on July 12, 2013 (Notice of Deficiencies for the 216-B-3 Main Pond Closure- DOE/RL-2013-24, Draft A and the 216-S-10 Pond and Ditch Closure Plan- DOE/RL-2006-12, Draft B, requesting DOE to revise and resubmit the closure plans correcting the deficiencies as part of Rev. 9 or as a permit modification.

Regulatory Agency Comments: N/A

CENTRAL PLATEAU GROUNDWATER

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

- During the month of July 2013, the pumping rates at the 200 West P&T ranged from approximately 1,100 gpm and 1,900 gpm. The two ion exchange resin trains were run between 480 gpm and 560 gpm combined capacity, removing technetium-99 from groundwater from selected wells near the TX-TY Tank Farm, T Tank Farm, as well as S-SX Tank Farm.
- 251 kg of carbon tetrachloride and 4,343 kg of nitrate as N (or 19,226 kg nitrate as NO₃) were recovered during the month of July 2013.
- The average concentration of contaminants of concern in the effluent water remains at or below the cleanup levels specified in the record of decision.

Regulatory Agency Comments: N/A

200-PW-1 Soil Vapor Extraction Operations EPA Lead (RL – John Morse, CHPRC – Mark Byrnes)

- Since the passive SVE wells have all met the 100 ppmV cleanup level specified in the PW-1/3/6 Record of Decision, EPA gave authorization on March 14, 2013 to stop all future passive SVE operations.
- At this time, all active SVE wells and all but one active SVE probe have also met the 100 ppmV cleanup level specified in the PW-1/3/6 Record of Decision. For this reason, EPA gave authorization to leave the active SVE units offline during FY2013 so that the formation has time to fully rebound. In the Spring of 2014, soil vapor concentrations in wells will be measured and a decision made whether or not to perform active SVE operations in FY2014.
- The operation plan was updated to reflect recent agreements between EPA and RL. EPA and RL comments were received and incorporated prior to the document being re-issued on July 25, 2013.

Regulatory Agency Comments: N/A

200-UP-1 RD/RA WP EPA Lead (RL – Naomi Bland, CHPRC – Curt Wittreich)

- **M-016-126: Submit a Draft A Remedial Design/Remedial Action Work Plan for 200-UP-1 to EPA, 6/24/2013 (Complete)**
- EPA comments were received on the Draft A RD/RA Work Plan and associated draft TPA change package (Control Form Number M-16-13-01) on April 30, 2013. A Draft B RD/RAWP incorporating EPA comment dispositions was transmitted to EPA on June 14, 2013, which was followed by an EPA response letter on June 26, 2013. The primary remaining issues are cost and schedule related, and are undergoing comment resolution.

Schedule Status: Completed M-016-126 on April 2, 2013 with the transmittal of the Draft A RD/RA Work Plan to EPA.

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 was delayed. The treatability test extraction system has been placed in a safe-store configuration.

Schedule Status: Not funded in FY2013.

Regulatory Agency Comments: N/A

FUTURE SCOPE (out-year TPA milestones and projects)**2014:****B Plant Canyon/Waste Sites Ecology Lead (RL – Naomi Bland, CHPRC – Marty Doombos)**

- **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 (DELETED 4/25/2013 Change Control Form M-85-12-02)**

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

- **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-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**
 - Transmitted the 200-PO-1 RI Report, Revision 1, to Ecology on October 16, 2012.

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 Doombos)**

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**

Canyon Facilities EPA/Ecology Lead (RL- JD Dowell, CHPRC – Bob Popielarczyk)

- **M-085-02: Submit Change Package to Establish Schedule for submittal of RI/FS Work Plans for Canyons & Removal Action Work Plans for 224B & 224T. 9/30/2015 (New milestone established 4/25/2013 Change Control Form M-85-12-02)**

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 (DELETED 4/25/2013 Change Control Form M-85-12-02)**

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 (DELETED 4/25/2013 Change Control Form M-85-12-02)**

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 (DELETED 4/25/2013 Change Control Form M-85-12-02)**

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 (DELETED 4/25/2013 Change Control Form M-85-12-02)**

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 (DELETED 4/25/2013 Change Control Form M-85-12-02)**

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**

Canyon Facilities EPA/Ecology Lead (RL -- JD Dowell, CHPRC – Moses Jaraysi)

- **M-085-01 - Submit a Change Package to Establish Date for Major Milestone M-085-00. 9/30/2022 (EXTENDED 4/25/2013 Change Control Form M-85-12-02)**