

**DISTRIBUTION  
PROJECT MANAGERS' MEETING,  
200 AREA GROUNDWATER SOURCE OPERABLE UNITS  
May 16, 2013**

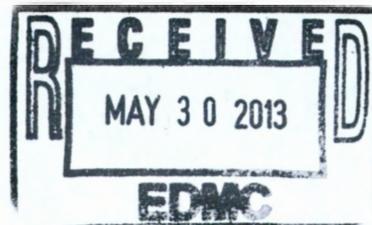
DOE/RL  
(No hard copy distribution)

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



TSD:  
TS-2-2  
TS-2-6  
S-2-2  
S-2-7  
D-2-4  
D-2-10  
D-2-6

D-2-5  
D-2-7  
D-2-3  
S-2-9

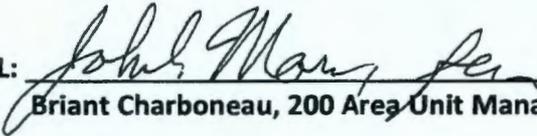
OU's  
200-WA-1  
200-SW-2  
200-DV-1  
200-BC-1  
200-SW-1  
200-ZP-1  
200-UP-1

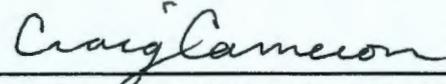
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200-IS-1  
200-CW-1  
200-CW-3  
200-CA-1  
200-PW-1  
200-PW-3

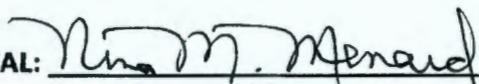
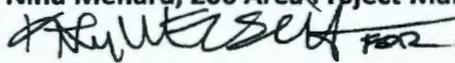
200-PW-6  
200-CW-5  
200-EA-1

Meeting Minutes Transmittal/Approval  
Project Managers' Meeting  
200 Area Groundwater and Source Operable Units  
May 16, 2013

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APPROVAL:  DATE: 5/16/13  
Briant Charboneau, 200 Area Unit Manager, DOE/RL

APPROVAL:  DATE: 5/16/13  
Craig Cameron, 200 Area Project Manager, EPA

APPROVAL:  DATE: 5/16/13  
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 May 16, 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' Status Meeting  
May 16, 2013

Please print clearly and use black ink

PRINTED NAME	ORGANIZATION	O.U. ROLE	TELEPHONE
Emy Laija	EPA	200 West	376-4919
Stewey Cimino	ODOE		(541) 963-0853
Gabriel T. Booth	WOODH		99 949-5217
Nina Menard	ECY		(509) 392-7941
Rick Bond	Ecology		372-7885
KIM WELSCHE	ECY		372-7882
Reed Kaldor	MSA		372-1992
Lorna M Dittmer	CHPRC	TPA	376-7017
JOHN MORSE	DOE-RL	EVERYTHING	376-0057
Meghann Stewart	CHPRC		373-5818
Craig Cameron	EPA	Prj. Mgr.	376-8665
John Sands	DOE		372-2282
RD H. Debraud	DOE	IS-1, 2 SW-2	373, 9626
Deborah Singleten	Ecology	Prj. Mgr	372. 7923
NAOMI BLAND	DOE		376. 5594
Dib Goswami	Ecology	Proj. Mgr.	372-7902

**200 Area Project Managers' Meeting  
Agreements and Issues List  
May 16, 2013**

**Agreement:** None

**Issue:** None

**Announcements:** None

**Delegations for May 16, 2013 PMM meeting:**

DOE/RL      John Morse for Briant Charboneau

Ecology      Kim Welch for Nina Menard (second half of meeting only)

**200 Area Project Managers' Meeting  
May 16, 2013**

CHPRC-1301897  
Attachment 3

**OPEN ACTION ITEM TRACKING**

<b>Action #</b>	<b>Action/Subject</b>	<b>Assigned To</b>	<b>Owed To</b>	<b>Assigned Date</b>	<b>Original Due Date</b>	<b>Adjusted Due Date</b>	<b>Status</b>
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		Open
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		Open
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		Open
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		Open
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

May 16, 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

May 16, 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 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:** 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:** EPA requested a meeting within 30 days to discuss comments.

**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 in FY13.

**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, removing approximately 2,000 gallons of effluent water per week. As of the end of April 2013, 119,406 gallons of effluent have been removed since system startup.
- The bid documents to decommission the leaky well (299-E33-18) are under CHPRC review. It's anticipated that this well will be decommissioned in June 2013.

**Schedule Status:**

**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:** 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 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:** Not funded in FY13.

Regulatory Agency Comments: N/A

**CENTRAL PLATEAU OUTER AREA**

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

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

**Schedule Status:** Not funded in FY13.

Regulatory Agency Comments: N/A

**TSD Units Ecology Lead** (RL – John Sands, 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 (Complete)**

**Schedule Status:** Complete; the two closure plans were submitted to Ecology on April 23, 2013. The closure plans are under review by Ecology.

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 April 2013, the pumping rates at the 200 West P&T ranged from 1,579 gpm and 1,888 gpm. The two ion exchange resin trains were run between 482 gpm and 590 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.
- Approximately 301 kg of carbon tetrachloride and 2,454 kg of nitrate as N (or 10,864 kg nitrate as NO<sub>3</sub>) were recovered during the month of April 2013.
- Continuing to perform OTP work, routine maintenance, and minor modifications.
- The average concentration of contaminants of concern in the effluent water remain at or below the cleanup level 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 (and all SVE well monitoring to cease) so that the formation has time to fully rebound. Soil vapor concentrations in wells will be measured in the Spring of 2014 and a decision made at that time whether or not to perform active SVE operations in FY2014.
- The operation plan has been updated to reflect the recent agreements with EPA. The draft plan is currently out for EPA review. Comments are currently due back on this document.

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)**
- The Draft A RD/RA Work Plan and associated draft TPA change package (Control Form Number M-16-13-01) was transmitted to EPA on April 2, 2013 for review. EPA provided written comments on April 30, 2013

**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

**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.

**Schedule Status:** Not funded in FY13.

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 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**