

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

DOE/RL

(No hard copy distribution)

EPA

Craig Cameron

B1-46

Ecology

Nina Menard

H0-57

CHPRC

Joy Shoemake (original)

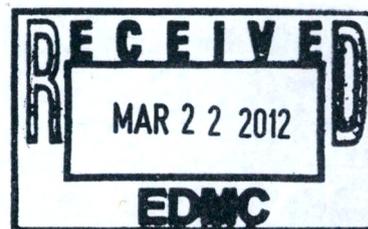
H8-43

Administrative Record (2)

H6-08

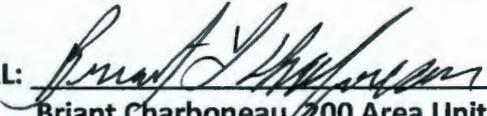
Correspondence Control

A3-01

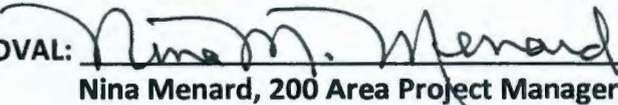


**Meeting Minutes Transmittal/Approval
Project Managers' Meeting
200 Area Groundwater and Source Operable Units
March 15, 2012**

APPROVAL: ATTENDANCE
NOT REQUIRED DATE: 3/15/2012
Al Farabee, 200 Area Project Manager, DOE/RL

APPROVAL:  DATE: 3-15-2012
Briant Charboneau, 200 Area Unit Manager, DOE/RL

APPROVAL:  DATE: 3/15/2012
Craig Cameron, 200 Area Project Manager, EPA
Pod was for

APPROVAL:  DATE: 3-15-2012
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 March 15, 2012 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
March 15, 2012**

Agreement: None

Issue: None

Announcements: John Morse has been designated as alternate 200 Area PMM delegate for DOE/RL.

Bryan Foley is now the Deputy PFP Federal Project Director. Mike Cline (Klein) has been assigned as the Deputy S&GRP Federal Project Director.

Delegations for March 15, 2012 PMM meeting:

DOE/RL (RL40)	Attendance Not Required
EPA	Rod Lobos for Craig Cameron

200 Area Project Managers' Meeting
March 15, 2012

CHPRC-1200727
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	TBD		Open

200 AREA PROJECT MANAGERS MEETING
PROJECT STATUS UPDATES

March 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-DV-1 Uranium
200-BC-1/200-WA-1 Tc-99 Desiccation Test

BOTH INNER & OUTER AREAS

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

CENTRAL PLATEAU OUTER AREA

200-OA-1, 200-CW-1, and 200-CW-3 FS/PP
200-SW-1

Risk Assessment

Central Plateau Ecological Risk

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-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
200BP-5, 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

March 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.
 - **Schedule Status:** Draft A work plan is under review by EPA.

Regulatory Agency Comments: No Comment.

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

- Active soil vapor extraction units (216-Z-9 and 216-Z-1A) are scheduled to be restarted on April 1, 2012. The units have been tested and they are ready.
- The passive SVE system is continuing to operate. Routinely testing GAC canisters for breakthrough and replacing canisters when needed.
- PNNL's draft report summarizing the results from study to assess/refine the soil clean up level for carbon tetrachloride and methylene chloride is expected to be issued by end of March 2012 for review. Once report is issued, it will be added to the PW 1, 3, 6 Administrative Record.
- **Schedule Status:** The active SVE units are scheduled to re-start April 1, 2012.

Regulatory Agency Comments: No Comment.

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.
 - **Schedule Status:** Draft A work plan under review by Ecology. Review comments are expected by late May/early June.

Regulatory Agency Comments: No Comment.

Inner Area: Central Plateau Deep Vadose Zone

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

- The B Area perched water removal system was temporarily shut down on December 7, 2011 due to higher contaminant concentrations in the ground water. Restart approval based on the elevated concentrations has been received. Work is underway to replace the inoperable submersible pump. The pump has been ordered and will take 2-3 weeks for delivery and another week for installation.
- Preparation continues for characterization of the BY Cribs in accordance with the 200-DV-1 OU SAP. Field work is expected to begin in late April.

Regulatory Agency Comments: No Comment.

200-DV-1 Ecology Lead

- **M-015-110C: Submit uranium treatment technology field test plan as an element of the RFI and RI for the 200-DV-1 OU to Ecology, 12/31/2010 (Complete) (RL – John Morse, CHPRC – Glen Chronister)**
 - Uranium Sequestration Pilot Test:
 - The FTP was submitted to Ecology in December of 2010. Funding prioritization has re-scoped the test to conduct only a shallow (Hanford Formation) test. The FTP/SAP will be revised following determination of future funding.
 - **Schedule Status:** The sequestration test has been deferred until FY13 based on funding prioritization.

Regulatory Agency Comments: No Comment.

200-BC-1/200-WA-1 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**
 - The Desiccation Pilot Test was completed on June 30, 2011.
 - Test report has been drafted and is now in the process of comment incorporation following internal CHPRC review.
 - **Schedule Status:** Report will be delivered the week of June 11, 2012. On track to meet the June 30, 2012 deliverable.

Regulatory Agency Comments: No Comment.

BOTH INNER & OUTER AREAS

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

- **M-015-90: Submit Revised RFI/CMS & RI/FS work plan for 200-IS-1 to Ecology, 12/31/2011 (Complete).**
 - The Draft A 200-IS-1 OU Work Plan was transmitted to Ecology on November 14, 2011, meeting the milestone.
 - **Schedule Status:** Draft A work plan is under review by Ecology.

- **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.**

Regulatory Agency Comments: No Comment.

CENTRAL PLATEAU OUTER AREA

200-CW-1, 200-CW-3, 200-OA-1 EPA Lead (RL – Greg Sinton, 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, 4/30/2013**
 - Dispute was initiated on February 13, 2012 concerning the due date for this TPA milestone (12-AMCP-0075).
 - Dispute was resolved when the Class II Change Control Form Number M-37-12-01 was approved by Ecology on March 7, 2012 to extend the Interim Milestone M-037-03 due date to April 30, 2013.
 - **Schedule Status:** On Schedule.

Regulatory Agency Comments: No Comment.

200-SW-1 Ecology Lead (RL- Kevin Leary, 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:** Responding to public comments and revising the EA.

Regulatory Agency Comments: No Comment.

CENTRAL PLATEAU GROUNDWATER

200-ZP-1 Interim Action EPA Lead (RL – John Morse, CHPRC – Mark Byrnes)

- The interim P&T system is currently operating at 355 gpm. During the month of February 2012, a total of 14.9 Mgal of water was treated and 54.1 kg of carbon tetrachloride was removed.
- Currently scheduled to shutdown the 200-ZP-1 interim P&T system in mid-April. Layup activities have already started on discharge lines and interim extraction wells that are currently off line due to low production rates.
- **Schedule Status:** On schedule.

Regulatory Agency Comments: No Comment.

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

M-016-122, Begin Phase 1 Operation of 200W Pump and Treat System, 12/31/2011 (Complete)

- Recovery from Fluidized Bed Reactor (FBR) foam event continues. Project has completed the FBR flush. Preparation for clean-out of carbon media (i.e., splitter box, pipes), adjustments to allow FBR to feed forward and final commissioning of the Membrane Biological Reactor (MBR) continues.
- Preparation for IATP/Readiness review continues. The goal is to start readiness between April 17, 2012 and April 23, 2012. End date to remain as outlined in current schedule.
- Drilling and sampling of 26 of the permanent extraction and/or injection wells is complete.
- Currently defining optimum network of wells to install automated water level monitors for tracking capture zone for the 200 West P&T system.
- **Schedule Status:** On Schedule

Regulatory Agency Comments: No Comment.

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

M-015-17A: Submit a 200-UP-1 RI and FS Report and PP to EPA, 9/30/2010 (Complete)

- Received EPA comments on the final Draft RI/FS. Comment resolution meetings were held with EPA the week of February 27, 2012. Comment resolutions are currently in the process of being incorporated into the document.
- **Schedule Status:** On Schedule

Regulatory Agency Comments: No Comment.

S/SX Tank Farm Interim Action EPA/Ecology Lead (RL – Naomi Bland, CHPRC – Curt Wittreich)

- **M-016-120: GW Treatment System for Tc-99 Plume at S/SX Tank Farm utilizing the new 200 West Pump and Treatment Facility, 8/31/2012**
 - Construction and ATP of the WMA S-SX extraction system was completed, except for final pipelines connects to the 200 West Treatment Facility and the well racks, which are scheduled to be made by March 2012. Walkdowns with operations were completed as part of the turn-over process.
 - EPA concurred that TPA milestone M-16-120 will be met by initiating groundwater flow through the SSX extraction system to the 200 West Treatment Facility.
 - **Schedule Status:** The project is ahead of schedule.

Regulatory Agency Comments: No Comment.

200-BP-5 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)**
 - Construction activities for the treatability test system continued. All seven crossings are complete and all above-ground pipeline has been placed (~8500 ft total). Remaining pipeline work will be completed pending well installation. Well completion activities were completed. Mechanical and electrical well racks were fabricated and installed on-site. ETF pipeline tie-in activities were initiated.
 - **Schedule Status:** M-015-82A and M-015-82B complete. Construction is expected to be complete by April, at which time testing is planned to start.

Regulatory Agency Comments: No Comment.

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**
 - Ecology completed their review of the final redline for the Draft Rev.0 200-PO-1 RI Report without additional comment. The document is being finalized for release.
 - **Schedule Status:** On schedule.

Regulatory Agency Comments: No Comment.

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-1OU (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-015-110A: 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 (RL – John Morse, CHPRC – Marty Doornbos)**
- **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)

- **Approved Change Order M-16-11-20 established TPA Interim Milestone to provide RD/RA Work Plan for 200-CW-5 and 200-PW-1/3/6 to EPA**

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 – Dottie Norman)

- **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, Dottie Norman)

- **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**