

**DISTRIBUTION**  
**PROJECT MANAGERS' MEETING,**  
**200 AREA GROUNDWATER SOURCE OPERABLE UNITS**  
**May 17, 2012**

DOE/RL

(No hard copy distribution)

EPA

Craig Cameron

B1-46

Ecology

Nina Menard

H0-57

CHPRC

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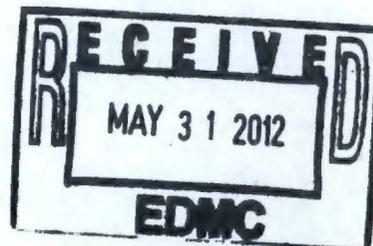
H8-43

Administrative Record (2)

H6-08

Correspondence Control

A3-01



Meeting Minutes Transmittal/Approval  
Project Managers' Meeting  
200 Area Groundwater and Source Operable Units  
May 17, 2012

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APPROVAL: John S. Mau for DATE: 5/17/2012  
Briant Charboneau, 200 Area Unit Manager, DOE/RL

APPROVAL: Craig Cameron DATE: 5/17/2012  
Craig Cameron, 200 Area Project Manager, EPA

APPROVAL: Nina M. Menard DATE: 5/17/2012  
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 May 17, 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  
May 17, 2012**

**Agreement:** None

**Issue:** None

**Announcements:** None

**Delegations for May 17, 2012 PMM meeting:**

DOE/RL      John Morse for Briant Charboneau

200 Area Project Managers' Meeting  
May 17, 2012

CHPRC-1201659  
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		Open

200 AREA PROJECT MANAGERS MEETING  
PROJECT STATUS UPDATES

May 17, 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-1CMS & FS / CAD & 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

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

May 17, 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:** High level comments were provided by EPA on May 15, 2012.

**Regulatory Agency Comments:** No Comment.

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

- Active SVE units (216-Z-9 and 216-Z-1A) were restarted on April 2, 2012 and are running smoothly. The SVE unit by 216-Z-9 went down April 29, 2012 due to breakthrough in the primary GAC canister. The unit was restarted on April 30, 2012.
- The passive SVE system is continuing to operate. Routinely testing GAC canisters for breakthrough and replacing canisters when needed.
- PNNL's Draft A treatability test report summarizing the results from a study to assess/refine the soil clean up level for carbon tetrachloride and methylene chloride is complete. A meeting between DOE and their contractor was held on May 3, 2012 to walk through the contents and conclusions from the report. Review of the report began May 14, 2012. Once report is issued, it will be added to the PW 1, 3, 6 Administrative Record.

**Schedule Status:** The active SVE units were restarted April 2, 2012.

**Regulatory Agency Comments:** EPA Comment: EPA would like to see the document before it being added to the Administrative Record.

**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.

**Regulatory Agency Comments:** No Comment.

### **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 resumed operations on April 11, 2012 following submersible pump replacement. On April 25, 2012, the system was shut down again due to inability to transfer contents to ETF due to issues with regulated trucks. Additionally, growth of algae was discovered internal to the tank. The system will remain shut down pending an algaecide treatment system being installed due to the fact that ETF cannot accept solids. ECD estimated for restart – mid to late May. To date, a total of 28,600 gallons have been removed from the perched water zone.
- Characterization of the BY Cribs has been deferred due to funding.

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.
  - The draft Test Report has undergone review and is in the process of Project technical editing prior to CHPRC approval and submittal to RL.

**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 Doornbos)**

- **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.
  - 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 in FY 2012.

Regulatory Agency Comments: Ecology requests that DOE check if funding is available for comment incorporation.

## CENTRAL PLATEAU OUTER AREA

### **200-SW-1 Ecology Lead (RL- Kevin Leary, 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:** 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 200-ZP-1 interim P&T system was permanently shut down May 2, 2012 as it is being replaced by the new 200 West pump and treat system. Layup activities are underway and are expected to be complete by June 29, 2012.
- The above ground lines have all been triple rinsed, drained and blown out. Therefore, the daily inspections of the lines do not need to continue.
- The FY 2011 annual performance report was issued to DOE for review May 9, 2012.

**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)**
  - Forward feed from FBR-B to MBRs C/D was initiated on March 29, 2012 in automatic mode.
  - Completed final project CATs (24 of 24): Lime System CAT completed April 24, 2012 and Odor Control CAT completed April 14, 2012. Lime ATP on schedule to complete May 11, 2012.
  - Received LEED Gold Certification for the Biological Building on April 18, 2012.
  - Readiness Review started April 17, 2012. IATP started on May 3, 2012.
  - In process of hooking up ZP-1 interim injection wells to 200 West P&T system.
  - Modeling is currently being performed to select the optimum location for water level monitoring network.

**Schedule Status:** On Schedule; handover to Operations June 28, 2012.

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)**
  - EPA comment resolutions have been incorporated into the RI/FS, and delivered by CHPRC May 1, 2012 to EPA for a concurrent review. The Proposed Plan is under simultaneous review by EPA legal and DOE legal.

**Schedule Status:** On Schedule

Regulatory Agency Comments: EPA Comment: Projects goal is to finalize the RI/FS and Proposed Plan by mid-June to go to public comment shortly thereafter.

**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 S-SX extraction system is complete. Final pipeline connections were made May 8, 2012.
- Startup of the SSX extraction system is planned for July. 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:** Expect to initiate groundwater extraction in July. 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 were completed. Due to FY 2012 funding constraints, test performance will be deferred.

**Schedule Status:** M-015-82A and M-015-82B complete.

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, with many comments to be addressed in the FS. The document is ready for release pending RL approval.

**Schedule Status:** On schedule.

Regulatory Agency Comments:

**FUTURE SCOPE (out-year TPA milestones and projects)****2013:**

200-DV-1 *Ecology Lead* (RL – John Morse, CHPRC – Glen Chronister)

- **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)**
  - **Schedule Status:** The sequestration test has been deferred until FY 2013 based on funding prioritization.

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, 4/30/2013**

**2014:**

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.**

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**