0096834

**DISTRIBUTION**
**PROJECT MANAGERS' MEETING,**
**200 AREA GROUNDWATER SOURCE OPERABLE UNITS**
**May 19, 2011**

DOE/RL
(No hard copy distribution)

EPA

| | |
|---|---|
| Craig Cameron | B1-46 |

Ecology

| | |
|---|---|
| Nina Menard | H0-57 |

CHPRC

| | |
|---|---|
| Joy Shoemake | H8-43 |
| Janice Williams (original) | H8-43 |

| | |
|---|---|
| Administrative Record (2) | H6-08 |
| Correspondence Control | A3-01 |

RECEIVED
MAY 3 1 2011
EDMC

**Meeting Minutes Transmittal/Approval**
**Project Managers' Meeting**
**200 Area Groundwater and Source Operable Units**
**May 19, 2011**

---

**APPROVAL:** _____ **DATE:** 05/19/11
**Al Farabee, 200 Area Project Manager, DOE/RL**

**APPROVAL:** _____ **DATE:** 5-19-2011
**Briant Charboneau, 200 Area Unit Manager, DOE/RL**

**APPROVAL:** Craig Cameron **DATE:** 5/19/11
**Craig Cameron, 200 Area Project Manager, EPA**

**APPROVAL:** Nina M. Menard **DATE:** 5/19/11
**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 19, 2011 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** |

CHPRC-1102161
Attachment 1

# 200 Area Project Managers' Status Meeting
## May 19, 2011

*Please print clearly and use black ink*

| PRINTED NAME | ORGANIZATION | O.U. ROLE | TELEPHONE |
|---|---|---|---|
| Curt Walker | PRC | | 438-7144 |
| John Culmer | WDOH | | 946-0790 |
| Craig Cameron | EPA | | 376-8665 |
| Shelley Cimon | ODOE | | (541) 903-0853 |
| Laura Buelow | EPA | | 376-5466 |
| John Morse | DOE | 200 West | 376-0057 |
| Frank Roddy | DOE | | 372-0945 |
| Greg Sutton | DOE | | 373-7931 |
| Kim Ulsett | ECY | | 372-7882 |
| Bryan Foley | DOE | | 376-7097 |
| Nina Menard | ECY | | 372-7941 |
| Brian Charboneau | DOE | | 373-6137 |
| Zelma Jackson | ECY | | 372-7916 |
| Cathy Louie | DOE | | 376-6834 |
| Naomi Brand | DOE | | 376-5527 |
| Jim Varner | YN | | 945-1100 |
| | | | |
| | | | |
| | | | |
| | | | |

# 200 Area Project Managers' Status Meeting
## May 19, 2011

*Please print clearly and use black ink*

| PRINTED NAME | ORGANIZATION | O.U. ROLE | TELEPHONE |
|---|---|---|---|
| Arlene Tortoso | DOE-RL | 200-Area PM | 373-9631 |
| Dottie Norman | CHPRC | | 373-2127 |
| Doug Chyn | DOE-RL/0040 | PM | 373-9396 |
| Doug Hildebrand | DOE-RL | PM | 373-9626 |
| Bob Popielarczyk | CHPRC | P.M. | 373-2166 |
| Jay Shoemake | CHPRC | | 372-2067 |
| Deborah Singleton | Ecology | P.M | 372-7923 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

CHPRC-1102161
Attachment 2

# 200 Area Project Managers' Meeting
# Agreements and Issues List
# May 19, 2011

**Agreement:** None

**Issue**: None

**Delegations for May 19, 2011 PMM meeting**:

DOE/RL Doug Chapin for Al Farabee

# 200 Area Project Managers' Meeting
May 19, 2011

## OPEN ACTION ITEM TRACKING

| Action # | Action/Subject | Assigned To | Owed To | Assigned Date | Original Due Date | Adjusted Due Date | Status |
|---|---|---|---|---|---|---|---|
| | No Open Action Items | | | | | | |

# 200 AREA PROJECT MANAGERS MEETING
# PROJECT STATUS UPDATES

May 19, 2011
AGENDA

## CENTRAL PLATEAU INNER AREA

200-WA-1
200-EA-1 CMS & FS / CAD & PP
200-PW-1/3/6
SVE
200-CW-5

### Inner Area: Central Plateau Burial Grounds

200-SW-2

### Inner Area: Central Plateau Canyons & Facilities

U Plant Canyon
B Plant Canyon/Waste Sites

### Inner Area: Central Plateau Deep Vadose Zone

200-DV-1 RI/FS
200-DV-1 Uranium
200-DV-1 Tc-99 Desiccation Test

## BOTH INNER & OUTER AREAS

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

### RCRA Units

Hexone TSD Closure
Other TSD Closures

## CENTRAL PLATEAU OUTER AREA

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

### Field Work

Rail Car Disposition
200-MG-1
200-CW-3
200-BC Control Area
West Lake
Multi-Increment Sampling

### 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 and 200-PO-1 FS
- 200-BP-5 TTP
- Groundwater Plumes – Final Remedy
- Well Decommissioning

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

- PUREX Canyon/Waste Sites
- REDOX Canyon/Waste Sites
- 224B Concentration Facility
- 224T Transuranic Storage and Assay Facility
- EE/CA Report(s)

# 200 AREA PROJECT MANAGERS MEETING
# PROJECT STATUS UPDATES

May 19, 2011

## CENTRAL PLATEAU INNER AREA

**200-WA-1 and BC-1** *EPA Lead* (RL- Arlene Tortoso, CHPRC – Phil Burke)

**M-015-91A, Submit a RI/FS work plan for the 200-WA-1 OU (200 West Inner Area) to EPA, 12/31/2011**

**M-015-91B, Submit FS Report(s) and PP(s) for the 200-BC-1/200-WA-1 OU (200 West Inner Area) to EPA, 6/30/2013**

- Work on the 200-WA-1 OU Work Plan continues.
- The project team has completed a due diligence of wastes sites within the 200-West Geographic Area.
- Several waste sites have been identified as requiring reclassification. These sites are currently undergoing review and are anticipated to be presented for regulatory approval in May.
- Data has been assembled for the TPA Appendix C waste sites and an initial evaluation of data needs has been completed.
- A meeting with the agencies has been set for May 25, 2011 to present the process used to conduct the waste site due diligence, data gathering, and the determination of data needs.

Schedule Status: On Schedule

Regulatory Agency Comments:

**200-EA-1** *Ecology Lead* (RL- Doug Hildebrand, CHPRC – Phil Burke)

**M-015-92A, Submit a RFI/CMS & RI/FS work plan for the 200-EA-1 OU (200 East Inner Area) to Ecology, 12/31/2012**

- Activities associated with 241-CX-72 (Semi Works) Characterization and the preliminary assessment of waste sites to be included in the 200-EA-1 RI/FS WP have been resequenced to be consistent with the funding profile; this resequencing will not impact milestone compliance at this time.

Schedule Status: Schedule will be revised, if needed, upon recommencement of project activities.

Regulatory Agency Comments:

**200-PW-1/3/6** *EPA Lead* (RL- Arlene Tortoso, CHPRC – Phil Burke)

- EPA comments on the Draft C Feasibility Study were received on February 24, 2011. Comment responses were transmitted to EPA on March 28, 2011. A red-lined version of the document was provided to EPA for review. A meeting was held with EPA on May 12, 2011 to resolve any remaining comments. The Rev. 0 version of the FS is being prepared for DOE and EPA approval.
- EPA comments on the Draft A Proposed Plan were received on February 24, 2011. Comment responses were transmitted to EPA on March 28, 2011. A red-lined version of the Proposed Plan, incorporating EPA comments was provided for EPA legal review.
- EPA has requested a mid-June start date for the Public Comment period for the PP.
- A presentation on the PP was provided to the RAP committee of the HAB on May 11, 2011.

**200-PW-1 Soil Vapor Extraction System (SVE):** (RL- Arlene Tortoso, CHPRC – Mark Byrnes)

- Both of the SVE units at the 200-PW-1 OU (PW1-1 and PW1-2) are operating, intermittently during through the month of April and into May, due to instrument problems. Both units were turned on March 1, 2011. Three wells and four screened intervals are extracting vapor at PW-1 and five wells and five screen intervals are extracting vapor at PW1-2. Measurements through the week beginning April 11,2011indicate that a total of 9 Kg of carbon tetrachloride have been removed from the ground beneath the waste sites since beginning of operations for this calendar year.

Schedule Status: The project schedule is currently being reevaluated and revised to assist EPA in the delivery of the ROD by September 30, 2011.

Regulatory Agency Comments:

**200-CW-5** *EPA Lead* (RL- Greg Sinton, CHPRC – Phil Burke)

- The final CW-5 FS (Revision 0) was approved by DOE and EPA on May 16, 2011. Copies are currently being made for full distribution to the TPA distribution list, including the Administrative Record, to support public comment on the combined CW/PW proposed plan.
- EPA comments on the Draft A Proposed Plan were received on February 24, 2011. Comment responses were transmitted to EPA on March 28, 2011. A red-lined version of the Proposed Plan, incorporating EPA comments was provided for EPA legal review.
- EPA has requested a mid-June start date for the Public Comment period for the PP.
- A presentation on the PP was provided to the RAP committee of the HAB on May 11, 2011.

Schedule Status: The project schedule is currently being reevaluated and revised to assist EPA in the delivery of the ROD by September 30, 2011.

Regulatory Agency Comments:

## Inner Area: Central Plateau Burial Grounds

**200-SW-2** *Ecology Lead* (RL – Doug Hildebrand, CHPRC – Phil Burke)

**M-015-93A, Submit Revised RFI/CMS & RI/FS work plan for the 200-SW-2 OU to Ecology, 12/31/2011**

**M-015-93B, Submit RFI/CMS & RI/FS Report & Proposed CA Decision/PP for 200-SW-2 to Ecology, 12/31/2016**

- Potential remedial investigation techniques for application to landfill characterization continued to be evaluated including geophysical and radiological surveys.
- Initial data needs have been reviewed for landfills and the project team is evaluating how to optimize the overall data needs.
- Progress continued in working to administratively remove approximately 160 acres of unused landfills from the RCRA TSD Areas. Discussions were conducted with Waste and Fuels Management concerning the removal of several small surface anomalies found at the unused landfill areas within 218-W-4C and 218-E-10. Attempts will be made to remove the anomalies and include the action in the Unused Areas Report (scheduled to be issued in June). Otherwise these anomaly sites will be dealt with administratively under the WIDS process.
- Activities continued related to the preparation of the revised Work Plan.
- A meeting will be held with Ecology on May 18, 2011 to discuss landfill characterization approaches, status of the work plan and progress of the removal activities at the Unused Areas.

Schedule Status: On Schedule

Regulatory Agency Comments:

## Inner Area: Central Plateau Canyons and Facilities

**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**

- Grouting of the North electrical and pipe galleries is complete. On May 5, 2011, a closeout of the Management Assessment (MA) for this grouting task was performed and an inbrief for an MA of the grouting of the remainder of the 221-U Canyon Facility was provided. The open items for completion of the grouting are scheduled to be completed the week of May 16, 2011.

**Regulatory Documents EPA Lead** (RL- Wade Woolery, CHPRC – Dottie Norman / Curt Walker)

- The 90% Remedial Design Report for the Disposition of Tank D-10, Revision 0 was approved by RL in April. On May 16, 2011, EPA was briefed on the path forward for the removal of the D10 Tank The proposed path forward does not alter the 90% Remedial Design Report for the Disposition of Tank D-10, Revision 0.

Schedule Status: On schedule

Regulatory Agency Comments:

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

**M-85-10A, Submit RI/FS work plan for the 200-CB-1OU (B Plant Canyon/associated past practice waste sites) to Ecology, 12/31/2011**

- The first draft of the 200-CB-1 Work Plan was finished. Currently, it is in author review.

Schedule Status: On schedule

Regulatory Agency Comments:

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

**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, 9/30/2012**
**M-015-110B, Submit CMS & FS and PP/Proposed CA Decision for the 200-DV-1 OU to Ecology, 9/30/2015**

- The DQO scoping process for the waste sites is progressing on schedule. The preliminary DQO's for the waste sites in the B Area were presented on May 10, 2011.
- The screening of deep vadose zone technologies for characterization, treatment, and remediation is progressing on schedule. A Public Information Exchange has been scheduled for June 7, 2011.
- Preparation for pumping the perched water from the B Area continues, with the actual pumping scheduled to begin later this FY.

Schedule Status: Submittal of the RFI/CMS & RI/FS Work Plan is on schedule.

Regulatory Agency Comments:

**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**
Uranium Sequestration Pilot Test:

- The Uranium Sequestration Field Test Plan and Sample Analysis Plan are being revised to re-scope the test to conduct only a shallow (Hanford Formation) test. Development of the Description of Work and Statement of Work are underway in preparation of doing borehole drilling starting in October of 2011.

Schedule Status: Budget impacts on the uranium sequestration test schedule have resulted in the elimination of the deep (cold creek formation) test.

Regulatory Agency Comments:

**200-BC-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**

Desiccation Test

- The Desiccation Pilot Test was initiated on November 8, 2010 and will continue field work for the following six months. The data collection from this field work will be used to write the report that will be used to complete the objectives in milestone M-015-110D.

Schedule Status: On schedule

Regulatory Agency Comments:

## BOTH INNER & OUTER AREAS

**200-IS-1 Ecology Lead** (RL- Doug Hildebrand, CHPRC – Phil Burke)
**M-015-90, Submit Revised RFI/CMS & RI/FS work plan for 200-IS-1 to Ecology, 6/30/2011**

**200-EA-1** & **200-IS-1** *Ecology Lead* (RL- Doug Hildebrand, CHPRC – Phil Burke)
**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, 6/30/2014**

- There are a number of outstanding issues that impact the scope of the 200-IS-1 Work Plan and are necessary to be resolved. Based on the existing schedule and status of resolving these issues, it is unlikely that the current milestone can be met with acceptance by all agencies. To promote resolution of these outstanding issues, the existing milestone is proposed to be extended for an additional three months to September 30, 2011.
- DOE provided comment on the Decisional Draft work plan, however, preparation of the Draft A work plan will be placed on hold pending the resolution of issues.

Schedule Status: A TPA Milestone Change Request is being prepared to revise the delivery of the 200-IS-1 Work Plan. The schedule will be revised pending the approval of the change request.

Regulatory Agency Comments: Ecology comment: Some of the outstanding issues are characterization, agreement on binning, WMA interface, and identifying all the pipelines.

**RCRA Units**

**Hexone TSD Closure Ecology Lead** (RL- Kevin Leary, CHPRC – Phil Burke)

**M-037-01, Submit Revised Closure Plan to support TSD closure of the Hexone Storage and Treatment Facility (276-S-141/142) TSD unit, 12/30/2010**

- The Hexone Storage and Treatment Facility Closure Plan and SAP were transmitted to Ecology for review on July 16, 2010. Comments were received from Ecology on October 15, 2010. Comment resolution has been granted via e-mail by Ecology to March 11, 2011. Based on a follow-up meeting with Ecology the LDR variance is being withdrawn and the document rewritten to consider the tanks and ancillary equipment as debris (per Ecology's e-mail of 1/26/2011). Comment responses were submitted to Ecology on February 18, 2011. The Rev 1 finalization is pending Ecology responses to RL's response to comments.

Schedule Status: Milestone was met ahead of schedule. Rev 1 schedule is pending Ecology response to RL's response to comments. Document finalization schedule will be revised upon receipt of Ecology's response.

Regulatory Agency Comments:

**Other TSD Closures**

**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**

**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**

**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**

## CENTRAL PLATEAU OUTER AREA

**200-CW-1, 200-CW-3, 200-OA-1 EPA Lead** (RL – Margo Voogd, CHPRC – Mike Hickey)

**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, 4/30/2012**

- Comment resolution on the Decisional Draft WP and SAP is in progress. Draft A 200-CW-1, 200-CW-3, and 200-OA-1 Work Plan and Draft A 200-CW-1, 200-CW-3, and 200-OA-1 Supplemental Characterization SAP expected transmittal to EPA, for approval, in late June.

**200-CW-1, 200-CW-3, 200-OA-1** *EPA Lead* (RL – Margo Voogd, CHPRC – Mike Hickey)

**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, 4/30/2012**

- Work on these closure plans is scheduled for FY12.

Schedule Status: On schedule

Regulatory Agency Comments:

**200-SW-1 Ecology Lead** (RL: Kevin Leary, CHPRC – Mike Hickey)

- Modified EA transmitted on April 28, 2011.
- Discussions with the Tribes were conducted on April 28, 2011.

Schedule Status: As above.

Regulatory Agency Comments:

## Field Work

**Railcars Disposition EPA Lead** (RL: Frank Roddy, CHPRC – Dottie Norman)

- Grouting of well cars and double shell tank car is complete. The 8,000 gallon tank car will be grouted at ERDF.
- The flat car deck has been shipped to ERDF; the wheel assemblies will be shipped to ERDF in May.

- Two locomotive engines have been transported to B Reactor Preservation Project and two cask cars will be transported to B Reactor Preservation Project in approximately a month. Shipment evaluation checklist and tie-down calculations to support shipment of the 3-well cars to ERDF was approved.

Schedule Status: On schedule

Regulatory Agency Comments:

**200-MG-1 EPA/Ecology Lead** (RL: Frank Roddy, CHPRC – Curt Walker)

- The SAP Rev 1 was approved by EPA and Ecology on January 10, 2011.
- Field work continues on waste sites in the Outer Area (including 216-S-19, 600-281, 600-282, 600-49, 600-220, 600-228, 216-S-26, and 200-W-147-PL-A).
- The following sites have been completed: 200-E-110, 600-36, 600-37, 600-38, 600-51, 600-65, 600-222, 600-262, 600-275, UPR-600-21, and 600-226.

Schedule Status: On schedule

Regulatory Agency Comments:

**200-CW-3 EPA Lead** (RL: Frank Roddy, CHPRC – Curt Walker)

- The RSVPs (DOE/RL-2010-108 and DOE/RL-2010-111) for the 216-N-4 and 216-N-6 waste sites were approved by EPA on March 2, 2011.
- The following sites have been completed: 216-N-1, 4, 216-N-4, 216-N-6, 600-286-PL, and 600-287-PL. WIDS Reclassification Forms need to be signed for 216-N-1, 216-N-4 and 216-N-6.

Schedule Status: On schedule

Regulatory Agency Comments:

**200-BC Control Area (BCCA) EPA Lead** (RL – Doug Chapin, CHPRC – Bo Wier)

- BCCA North Zone A (~ 140 acres), as of May 18, 2011:
    - The ~140 acres have been remediated and field excavation is complete. Work is focused on completing excavation of the stockpile for disposal to ERDF. As of May 18, 2011, the stockpile excavation work is ~50% complete and the estimated quantity remaining in the stockpile is ~83,000 tons. The stockpile excavation work is on schedule to be completed by the end of July 2011. A cumulative total of ~422,000 tons has been disposed of at ERDF (from Zone A and stockpile excavation).

  - CERCLA post-soil removal verification survey measurements were continued and have been completed for ~90% of the area. All hot spots identified to date have been remediated.
  - Final down post surveys to release the land area from radiological controls were continued, which began the week April 04, 2011. Approximately 40% of the land area has been surveyed.
- FY 2010 – FY 2011 BCCA Interim Status Report:
  - The report, although not a regulatory and contract requirement, will
    - document for the 200-OA-1 OU AR, the FY 2010 and 2011 work completed for the BCCA North (Zones A and B) cleanup work reflect that reprioritization of funding to other projects did not allow the entire CERCLA cleanup in BCCA North to be completed.
  - April 25, 2011 - EPA completed their review, provided comments, and declined need for a briefing of a predecisional draft report (provided by RL on April 05, 2011).
  - May 09, 2011 - RL met with CHPRC to disposition the EPA comments along with those received to date from RL. During this meeting, RL and CHPRC agreed to defer finalizing the report until August 2011, so that the report would document and include discussion that the Zone A stockpile excavation work (to ERDF) had been completed in July 2011.

Schedule Status: On schedule

Regulatory Agency Comments:

**Multi-Increment Sampling** *Ecology Lead* (RL – Frank Roddy, CHPRC – Bo Wier)

- The first site of MIS verification sampling is complete. All samples have been delivered to Ecology. Discussion of a second site (heterogeneous) is continuing.

Regulatory Agency Comments:

## Risk Assessment

**Central Plateau Ecological Risk Assessment EPA/Ecology Lead** (RL – Jim Hansen, CHPRC – John Lowe)

- Soil Bioassays for the site-wide PRG development (with a focus on supporting the schedule for River Corridor RI/FSs) is ongoing.
- Literature-based PRGs for plants and soil invertebrates developed by WCH both for incorporation into the RCBRA and for the site-wide use are being evaluated by RL and CHPRC for use in the River Corridor RI/FSs.

Schedule Status:

Regulatory Agency Comments:

## CENTRAL PLATEAU GROUNDWATER

**200-ZP-1 Interim Action EPA Lead** (RL – Arlene Tortoso, CHPRC – Mark Byrnes)

- System is online pumping water at 395 gallons per minute (gpm).
- The two T Tank Farm Tc-99 wells are pumping water to ETF at ~50 gpm.
- The 2010 Annual Performance Summary Report for the 200-ZP-1 and 200-UP-1 Operable Units is being reviewed. Comments are due by June 6, 2011.
- Fifteen extraction and five injection wells have been installed at this time. Injection well C8064 is at 93 feet and injection well C8065 is at 422 feet. Injection well C8066 is at 80 feet.

Schedule Status: On schedule.

Regulatory Agency Comments:

**200 West Area GW Treatment Facility EPA Lead** (RL – Arlene Tortoso, CHPRC – Mark Byrnes)

**M-016-124, Submit 200-ZP-1 Remedial Design Report, 8/31/2010**
**M-016-122, Begin Phase 1 Operation of 200W Pump and Treat System, 12/31/2011**

- Radiological Building: Process piping rough in overhead as well as in the trenches, installation of VOG ductwork continues. Continuing on lighting and power conduits over head, as well as installation of exterior transformers, and rough in for instrumentation, controls and HVAC units.
- Bio Process Building: C and A-line utility racks process piping installation continues (large bore pipe 10 inches and above. The fire protection wet system installation continues, initiation of metal decking for the admin and chemical storage areas. Completed mock up and continued formwork for the containment walls near the CST tanks.
- BIO PAD: Continued steel installation on the utility racks, hand rails, grating and grouting base plates. Continued installation of vapor off gas duct work and blower equipment. Also continued installation of racks and panels, conduit, sleeves and cabling for lightening protection and disconnects for overhead crane.
- Sludge Stabilization System (Lime): Continued formwork for foundation concrete activities with approximately 450 cubic yards installed.

Schedule Status: On schedule.

Regulatory Agency Comments:

**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**

- Redlines of the Draft A 200-UP-1 OU RI/FS Report and Proposed Plan incorporating regulator comments were prepared for EPA approval. Discussions on the ROD and proposed plan approach continued.

Schedule Status: M-015-17A completed September 27, 2010

Regulatory Agency Comments:

**S/SX Tank Farm Interim Action EPA/Ecology Lead** (RL – John Morse, CHPRC – Curt Wittreich)

**M-016-120, GW Treatment System <50 gpm for Tc-99 Plume at S/SX Tank Farm, 12/31/2011**

- Construction of the WMA S-SX extraction system continued. Continued construction of internal S/SX transfer building systems including the installation of overhead piping. The concrete pad for the fiberglass transfer tank was completed. Bonding of double-walled HDPE pipe continued. Initiated extraction well drilling.

Schedule Status: Construction of the extraction system is currently on schedule.

Regulatory Agency Comments:

**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, 12/31/2012**

- Review of the Decisional Draft 200-BP-5 RI Report was completed. Submittal of the Draft A RI Report to Ecology is scheduled for July 2011.
- The Draft A 200-PO-1 RI Report was transmitted to the Regulators on June 10, 2010 for review. Ecology comments were transmitted to DOE on February 23, Dispositions to Ecology comments were transmitted to Ecology in late April.

Schedule Status: 200-BP-5 and 200-PO-1 FS Report and PP are on schedule.

Regulator Comments

**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**

**M-015-82B, Initiate 200-BP-5 Aquifer Tests Within 6 months of TTP Approval, approval of TPP + 6 months**

- Completed the design of the 200-BP-5 extraction system. Construction prejob activities (e.g., permits, surveys) are underway to construct pipeline road crossings this FY. Installed monitoring well equipment and initiated baseline water level monitoring. Drilling of the extraction well and monitoring well are planned to start October.

Schedule Status: M-015-82A completed. M-015-82B (August 1, 2011) on schedule.

Regulatory Agency Comments:

**Well Decommissioning** *EPA/Ecology Lead* (RL – Frank Roddy)

| | April | | Cumulative | |
|---|---|---|---|---|
| | **Planned** | **Completed** | **Planned** | **Completed** |
| Decommissioning Total | 10 | 19 | 221 | 221 |

Schedule Status: Continuing with plans to decommission another 59 wells for a total of 280 wells. It is planned for additional DOE verification of well decommissioning next week.

Regulatory Agency Comments:

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

**PUREX Canyon/Waste Sites** *Ecology Lead* (RL – Frank Roddy, CHPRC – Mike Hickey)

**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**

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

**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**

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

**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**

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

**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**

**EE/CA Report(s)** *EPA & Ecology Lead* (RL – Doug Chapin, CHPRC, Dottie Norman)
**M-85-60, Complete EE/CA report(s) for all Tier 2 facilities listed in Appendix J, 3/31/2018**

- 200 West Area Tier 2 Facilities EE/CA: Planning continues with schedule details to follow.

**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**

- Draft Annual Report provided to EPA and Ecology.

Schedule Status: TBD

Regulatory Agency Comments: