

DISTRIBUTION
PROJECT MANAGERS' MEETING,
200 AREA GROUNDWATER SOURCE OPERABLE UNITS
October 20, 2011

DOE/RL

(No hard copy distribution)

EPA

Craig Cameron

B1-46

Ecology

Nina Menard

H0-57

CHPRC

Joy Shoemake (original)

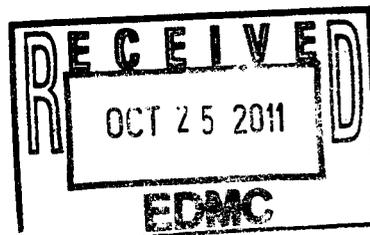
H8-43

Administrative Record (2)

H6-08

Correspondence Control

A3-01



**Meeting Minutes Transmittal/Approval
Project Managers' Meeting
200 Area Groundwater and Source Operable Units
October 20, 2011**

APPROVAL: *FM Roddy* DATE: 10/20/11
for Al Farabee, 200 Area Project Manager, DOE/RL

APPROVAL: *Brian Charboneau* DATE: 10-20-11
Briant Charboneau, 200 Area Unit Manager, DOE/RL

APPROVAL: *Craig Cameron* DATE: 10/20/2011
Craig Cameron, 200 Area Project Manager, EPA

APPROVAL: *Nina Menard* FOR DATE: 10/20/11
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 October 20, 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 |

200 Area Project Managers' Status Meeting
October 20, 2011

Please print clearly and use black ink

| PRINTED NAME | ORGANIZATION | O.U. ROLE | TELEPHONE |
|-------------------|--------------|-----------|----------------|
| Joy Shoemaker | CHPRC | | 372-2067 |
| Stacey C. Dixon | CDCE | | (541) 963-0853 |
| Naomi Blund | DOE-R | | 376-5527 |
| Stacy Nichols | Ecology | | 372-7917 |
| Bob Cathel | CHPRC | | 373-9171 |
| Craig Cameron | EPA | | 376-8665 |
| Frank Roddy | DOE | | 372-0745 |
| Doug Hildebrand | DOE | | 373-9626 |
| Hy W. GMA | ECOLOG | | 372-7882 |
| Doug Chin | DOE-RL | | 373-9396 |
| Brian Charbonneau | DOE | OU m | 373-6137 |
| Reed Kaldor | MSA | | 312-1992 |
| Zelma Jackson | ECV | | 372-7910 |
| Kevin Leary | DOE | | 373-7285 |
| Margaret Voss | DOE | | 376-8375 |
| Laura Buelow | EPA | | 376-5466 |
| Bryan Foley | DOE | | 376-7087 |
| | | | |
| | | | |
| | | | |

**200 Area Project Managers' Meeting
Agreements and Issues List
October 20, 2011**

Agreement: None

Issue: None

Delegations for October 20, 2011 PMM meeting:

| | |
|---------------|----------------------------|
| DOE/RL (RL40) | Frank Roddy for Al Farabee |
| Ecology | Kim Welsch for Nina Menard |

200 Area Project Managers' Meeting
October 20, 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

October 20, 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-1 CMS & 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

October 20, 2011

CENTRAL PLATEAU INNER AREA

200-WA-1 and BC-1 EPA Lead (RL- Margo Voogd, CHPRC – Marty Doornbos)
M-015-91A, Submit a RI/FS work plan for the 200-WA-1 OU (200 West Inner Area) to EPA, 12/31/2015.

- Work on the 200-WA-1 OU Work Plan is pending additional review and comments from RL.

Schedule Status: On Schedule

Regulatory Agency Comments:

200-EA-1 Ecology Lead (RL- Doug Hildebrand, CHPRC – Marty Doornbos)
M-015-92A, Submit a RI/CMS & RI/FS work plan for the 200-EA-1 OU (200 East Inner Area) to Ecology, 6/30/2015

- 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- Greg Sinton, CHPRC – Marty Doornbos)

- CHPRC completed review of the comments received to date and completed all requested support to EPA for the Responsiveness Summary.
- The ROD was signed on September 30, 2011.
- Final activities have revolved around the appropriateness of the Plutonium PRGs, clarification of the settling tanks will be cleaned up to meet the substantive requirements of ARARs, and final language for the ROD.
- All activities associated with this Operable Unit ceased as of September 30, 2011 and the project will go into safe store.

Regulatory Agency Comments:

200-CW-5 EPA Lead (RL- Greg Sinton, CHPRC – Marty Doornbos)

- The ROD was signed on September 30, 2011.
- Final activities have revolved around the appropriateness of the PRGs, supporting documentation related to PRG selection and final language for the ROD.
- All activities associated with this Operable Unit will cease as of September 30, 2011 and the project will go into safe store.

Schedule Status: Activities associated with this Operable Unit will cease as of September 30, 2011.

Regulatory Agency Comments:

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

- Both soil vapor extraction units (216-Z-9 and 216-Z-1A) are on line and are running smoothly. The SVE unit by 216-Z-1A went down late last week but was restarted Monday morning October 17, 2011.

Schedule Status: The SVE units will be shut down for the year on October 31, 2011.

Regulatory Agency Comments:

Inner Area: Central Plateau Burial Grounds

200-SW-2 Ecology Lead (RL – Doug Hildebrand, CHPRC – Marty Doornbos)

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

- Draft A of the Work Plan was reviewed by RL and the comments are being incorporated.
- Activities on the Work Plan, Rev. 0 will be resequenced to be consistent with the funding profile and the project is being prepared for Safe Store.

Schedule Status: Draft A – On Schedule. Further project will be rescheduled in accordance with the funding profile.

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

- Grout placement activities are complete. A summary of 221-U grout placement is provided below:

| 221-U Canyon Grout Overview | | | | | |
|---|------------------|-----------|-----------------|-----------|------|
| Location | Planned Quantity | Unit | Placed Quantity | Unit | |
| Drain Header | 110 | CY | 110 | CY | 100% |
| Process Sewer | 93 | CY | 106 | CY | 114% |
| Buoyant Vessels | 670 | CY | 124 | CY | 19% |
| Process Cells | 6084 | CY | 9164 | CY | 151% |
| Hot Pipe Trench | 1029 | CY | 1455 | CY | 141% |
| Electrical Gallery | 4497 | CY | 5461 | CY | 121% |
| Piping Gallery | 4314 | CY | 5400 | CY | 125% |
| Ventilation Tunnel | 2940 | CY | 1998 | CY | 68% |
| Grout Cap | 400 | CY | 1572 | CY | 393% |
| Vent Ducts to Stack | 581 | CY | 329 | CY | 57% |
| Total | 20318 | CY | 25719 | CY | |
| 100% Completion as of September 3, 2011 | | | | | |

Regulatory Documents EPA Lead (RL- Wade Woolery, CHPRC – Dottie Norman)

Schedule Status: On schedule

Regulatory Agency Comments: EPA Comment: EPA would like to have a 200 Area D&D status meeting to discuss in more detail.

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

- The 200-CB-1 Decisional Draft RI/FS Work Plan was submitted from CHPRC on August 23, 2011 and is currently in review.

- Due to FY12 funding limitations, all activities associated with this project ceased as of September 30, 2011 and the project has been placed in safe store.

Schedule Status: On schedule

Regulatory Agency Comments:

Inner Area: Central Plateau Deep Vadose Zone

200-DV-1 Ecology Lead (RL – Margo Voogd, 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

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

- The decisional draft 200-DV-1 OU SAP was completed in September.
- The Draft A Field Test Plan for the Perched/Pore Water Test in the B Area was transmitted to Ecology in October.
- Automatic pumping of the perched water in the B Area continues.

Schedule Status: 200-DV-1 OU document development deferred in FY12 due to funding constraints. Selected field activities (B Area perched/pore water test and BY Cribs characterization) on-going.

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 FTP was submitted to Ecology in December of 2009. Funding prioritization has re-scoped the test to conduct only a shallow (Hanford Formation) test. The FTP/SAP will be revised following determination of FY12 funding.

Schedule Status: Budget impacts on the uranium sequestration test schedule have resulted in the deferral 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 the active portion of the test was completed on June 30, 2011. Activities continue with the rebound monitoring and data evaluation that will be incorporated into the test report (TPA Milestone M-015-110D). The drilling of two ground truthing boreholes and associated sampling has been completed and the analytical results will also be folded into the test report. Drafting of the test report continues and is on track to meet the June 30, 2012 deliverable.

Schedule Status: On schedule

Regulatory Agency Comments:

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**

- CHPRC is addressing RL comments on the Draft A. The project will be placed in Safe Store condition following transmittal of Draft A document.

**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**

Schedule Status: Project will be rescheduled in accordance with the funding profile.

Regulatory Agency Comments:

RCRA Units

**Hexone TSD Closure Ecology Lead (RL- Kevin Leary, CHPRC – Marty Doornbos)
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.

- A meeting was held with Ecology on May 17, 2011 to discuss the SEPA checklist.
- Having not received a meeting request from Ecology, DOE-RL contacted Ecology on September 7, 2011 and again on September 28, 2011 requesting a meeting to finalize and resolve comments on Rev. 1 of the Hexone Closure Plan. DOE-RL requested that Ecology set up the meeting (without the contractor's present per Ecology's request) and that Mr. Cliff Clark (DOE-RL's resident expert on RCRA) be invited to this meeting.
- Ecology has requested that a meeting be set up for the second or third week of October to restart on the permit and closure plan. Ecology's plans at this time are to put the closure plan into the permit (Rev. 9) and to put into the permit conditions, the requirements on what needs to be added to the closure plan. Ecology plans to have draft permit conditions for RL's review by the meeting date.

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 –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

- Decisional Draft A Outer Area RI/FS work plan and SAP are in DOE review.

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

Schedule Status: TBD

Regulatory Agency Comments:

200-SW-1 Ecology Lead (RL: Kevin Leary, CHPRC – Marty Doornbos)

- EA released for public review August 29, 2011.

Schedule Status: Nez Perce requested a 30 day extension for their comments, comment period has been extended to November 14, 2011.

Regulatory Agency Comments:

Field Work

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

- Removal Action Report, Revision 0 was approved and submitted to the Administrative Record.

Schedule Status: Complete

Regulatory Agency Comments:

200-MG-1 EPA/Ecology Lead (RL: Frank Roddy, CHPRC – Bob Cathel)

- Waste site 600-281 Response Action Reports and Reclassification Forms have been completed in September.
- Waste site 216-S-26 Response Action Reports and Reclassification Forms have been completed in September.
- Waste site 600-228 Response Action Reports and Reclassification Forms have been completed in September.
- Waste site 216-S-19 Response Action Reports and Reclassification Forms have been completed in September.
- Waste site 200-W-148-PL Response Action Reports and Reclassification Forms have been completed in September.

Schedule Status: On schedule

Regulatory Agency Comments:

200-CW-3 EPA Lead (RL: Frank Roddy, CHPRC – Bob Cathel)

- The 200-CW-3 Operable Unit Interim Remedial Action Report Rev 0 has been submitted to EPA.

Schedule Status: On schedule

Regulatory Agency Comments:

200-BC Control Area (BCCA) EPA Lead (RL – Doug Chapin, CHPRC – Randy Havenor)

- FY 2010 – FY 2011 BCCA (Waste Site UPR-200-E-83) On-Scene Coordinator (OSC) Report (for the 200-OA-1 OU):
 - In September 2011, the BCCA OSC Report (DOE/RL-2011-101, Rev. 0) , was approved by RL and EPA, and documented the following FY 2010 and 2011 (August 2009 through July 2011) BCCA CERCLA NTCRA work for the 200-OA-1 OU AR, per requirements of the BCCA North RAWP (DOE/RL-2008-22. Rev. 0, June 2008):
 - BCCA North Zone A: Remediation (field excavation of contaminated soil) of the entire Zone A area (~140 acres) was completed with ~463,000 tons disposed of at ERDF. CERCLA post-soil removal verification survey measurements were completed for 100% of the Zone A area. Final down post surveys to release this area from radiological controls were also completed.
 - BCCA North Zone B: Remediation (field excavation of contaminated soil) of numerous hot spots in the Zone B area (~15 acres out of ~3,600 acres) was completed with ~20,000 tons disposed of at ERDF. Although major differing volumetric site conditions (additional hot spots) in Zone B were identified for future remediation, DOE reprioritization of funding to other higher priority projects (non-BCCA) impacted the resolution and potential funding to complete the hot spots cleanup within the entire Zone B area. CERCLA post-soil removal verification survey measurements were completed for ~42% of the Zone B area (~1,500 acres of the periphery of Zone B). Final down post surveys to release this area from radiological controls were also completed.
 - Reflecting the above, the OSC Report also documents the current conditions of the BCCA North Zones A and B until the removal action or a remedial decision is completed for the entire BCCA waste site, which includes Zone C (~4,700 acres), the southern half of the waste site.

Schedule Status: RL is transmitting the OSC report to the regulators and the AR; correspondence is underway.

Regulatory Agency Comments:

Risk Assessment

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

- Finalizing Biointrusion report (CHPRC-00651) for publication.

Schedule Status:

Regulatory Agency Comments:

CENTRAL PLATEAU GROUNDWATER

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

- System is online pumping water at 381 gallons per minute (gpm).
- The two T Tank Farm Tc-99 wells are pumping water to ETF at ~22 gpm. A recently detected leak in the line to ETF has been repaired. Flow rates are down to support ETF maintenance activities.
- The 2010 Annual Performance Summary Report for the 200-ZP-1 and 200-UP-1 Operable Units was transmitted to EPA and Ecology on August 5, 2011.
- Groundwater modeling runs are complete. This modeling utilized most recent depth-discrete groundwater analytical data. The report presenting the result is currently being released.
- Fifteen extraction and five injection wells have been installed at this time. Drilling of the next set of 6 injection wells began on March 16, 2011. Injection well C8064 has reached total depth at 451 feet below ground surface and is under construction. Injection well C8066 has reached total depth at 457 feet and currently is under construction. Injection well C8065 has reached total depth at 476 feet and is completing construction. Injection wells C8068, C8069, and C8386 are at depths of 225.5 feet, 377.5 feet, and 287 feet.

Schedule Status: On schedule.

Regulatory Agency Comments:

200 West Area GW Treatment Facility EPA Lead (RL – John Morse, 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

- 200W P&T KPP, *RL-0030.R1.1 – Construction 200 West Groundwater Pump and Treat Major System Components*, is 100% complete. Final bulk construction KPP related execution in process – bulk construction of Biological building - complete.
- Radiological Building: Working on construction punchlist items. HVAC ATP complete. Fire system ATP initiated. Installation of concrete apron is 85% complete.
- BIO Building and BIO Pad: Construction punchlist activities continue. Civil/Structural; ongoing grouting of equipment, continued touch up painting. Continued final site preparation. Bio Pad penetrating floor sealer 100% complete. Continued installation of concrete aprons. Fire alarm system ATP initiated on October 14, 2011.
- Startup and Testing: All 29 CATs completed

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

- Met with EPA on August 23, 2011 to refine the range of P&T alternatives to be presented in the proposed plan and RI/FS report. Additional modeling is underway to support the refined alternatives and will push completion of the RI/FS and Proposed Plan to FY12.

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

Regulatory Agency Comments:

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

M-016-120, GW Treatment System <50 gpm for Tc-99 Plume at S/SX Tank Farm, 8/31/2012

- Construction of the WMA S-SX extraction system continued. CAT for the building was initiated and is expected to be completed in October. The first of 3 extraction wells was completed, well completion at the second well is underway, and drilling of the third well in underway. Baseline water level monitoring continued.

Schedule Status: Completion of the construction of the extraction system by February 28, 2012 is planned. A TPA change request was approved to extend the milestone to August 31, 2012 to better align with the 200 West Treatment Facility startup 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, 6/30/2015

- A final redline incorporating Ecology comments (RCR) on the Draft A 200-PO-1 RI Report was provided to Ecology for a final check.

Schedule Status: A TPA change request was approved to extend the milestone by 30 months.

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

- Baseline water leveling monitoring continued. Construction activities for the treatability test system continued (including road crossing construction and HDPE pipe bonding and layout).

Schedule Status: M-015-82A completed. M-015-82B was completed/met with the start of test construction, as defined in the test plan. Issued a milestone completion letter to EPA and Ecology on August 9, 2011.

Regulatory Agency Comments:

FUTURE SCOPE (out-year TPA milestones)

PUREX Canyon/Waste Sites *Ecology Lead* (RL – Frank Roddy, 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

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

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

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

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

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.