

**DISTRIBUTION
PROJECT MANAGERS' MEETING,
200 AREA GROUNDWATER SOURCE OPERABLE UNITS
March 20, 2014**

DOE/RL

(No hard copy distribution)

EPA

Emerald Laija

B1-46

Ecology

Nina Menard

H0-57

CHPRC

Lorna Dittmer (original)

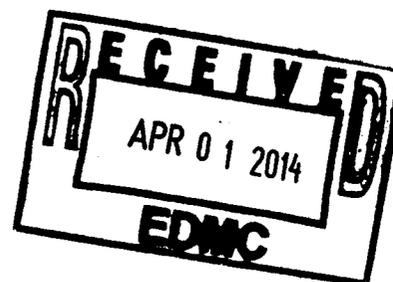
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Administrative Record (2)

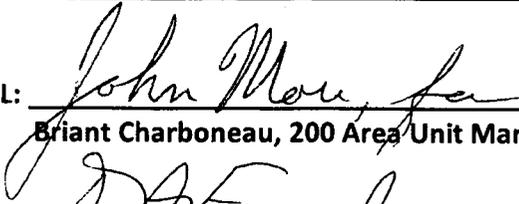
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Correspondence Control

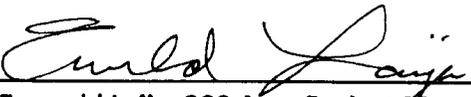
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Meeting Minutes Transmittal/Approval
Project Managers' Meeting
200 Area Groundwater and Source Operable Units
March 20, 2014

APPROVAL:  DATE: 03/20/14
Briant Charboneau, 200 Area Unit Manager, DOE/RL

APPROVAL:  DATE: 3/20/14
Al Farabee, 200 Area Project Manager, DOE/RL

APPROVAL:  DATE: 3/24/14
Emerald Laija, 200 Area Project Manager, EPA

APPROVAL:  DATE: 3/24/14
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 20, 2014 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
March 20, 2014

Please print clearly and use black ink

PRINTED NAME	ORGANIZATION	O.U. ROLE	TELEPHONE
Red Labs	EPA		
Gabriel Barthe	WDOH		949 5217
Hubey Simon	ODOE		(SA) 240-0161
Emily Laija	EPA		
Lorna Dittmer	CHPRC		376-7617
JOHN MORGAN	DOO-RL		376-0057
JOE AXTELL	DOE-RL		373-6687
Kirk Oldham	CHARLES-5862		2-2426
KIM WELSH	ECOLOGY		372-7882
John Sands	DOE		372-2282
AK Farabee	DOE		376-8085
Dib Goman	Ecology		372-2902
Craig Cameron	EPA		376-8665
Brian Dixon	CHPRC		376-7053
Deborah Snyton	Ecology		372-7923
Rick Bend	Ecology		372-7815

**200 Area Project Managers' Meeting
Agreements and Issues List
March 20, 2014**

Agreement: None

Issue: None

Announcements: None

Delegations for March 20, 2014 PMM meeting:

DOE/RL John Morse for Briant Charboneau

Ecology Kim Welsch for Nina Menard

200 Area Project Managers' Meeting
March 20, 2014

CHPRC-1400615
Attachment 3

OPEN ACTION ITEM TRACKING

Action #	Action/Subject	Assigned To	Owed To	Assigned Date	Original Due Date	Adjusted Due Date	Status
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	Open; Initiated and ongoing.
146	TPA Change Notice to add pipelines to IS-1	RL/Doug Hildebrand	Ecology/Kim Welsch	5/16/13	7/15/13	Open	To be discussed within IS-1 working meetings
149	Provide a draft of the Inner Area Principles to be incorporated into the WA-1 work plan	DOE/ B. Charboneau	EPA, Ecology	11/21/13	1/16/14	3/31/2014	Closed. Meetings initiated in February, discussion on principles is ongoing between the parties.
150	Reformat meeting minute document	Lorna Dittmer/Gayelyn Gibson	EPA, Ecology, DOE	11/21/13	1/16/14	3/20/2014	Closed
151	The finalized Inner Area Principles	DOE/ B. Charboneau	EPA, Ecology	3/20/14	Open		Open
152	Ecology would like a meeting to discuss finalization of the EA and next steps to closure of SW-1.	RL/Doug Hildebrand	Ecology/Deborah Singleton	3/20/14	4/30/14		Open
153	Ecology would like information on the 241-WR vault	DOE/J. Sands	Ecology/Kim Welsch	3/20/14	4/30/14		Open

200 AREA PROJECT MANAGERS MEETING

Milestones and Operational Status by OU
March 20, 2014

Deep Vadose Zone 200-DV-1 Ecology Lead (RL – John Morse, CHPRC – Mark Byrnes)

- **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**
 - *The B Area perched water removal system continued operations, removing approximately 1,700 gallons of effluent water per week. As of the end of February 2014, 187,390 gallons of effluent have been removed since system startup.*
 - *The drilling of two additional perched water extraction wells began on January 14, 2014. As of February 28, both boreholes have been drilled to total depth (~234 ft bgs) and crews are now in the process of well construction and developments.*
 - *Regulator comments on the perched water EE/CA were incorporated and the Action Memorandum is in the process of being issued.*

Milestone Status: On Schedule.

- **M-015-110B: Submit CMS & FS and PP/PCAD for the 200-DV-1 OU to Ecology, 9/30/2015**
 - *This work can not be performed in the time available from issuance of the workplan 3/31/2015 and the due date of 9/30/2015. This should have been addressed when M-015-110A was renegotiated.*

Milestone Status: At Risk

Regulatory Agency Comments: N/A

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

200-IS-1

- **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.**
 - *On December 10, 2013, DOE-RL invoked TPA dispute resolution and requested an extension to resolve issues at the project manager level. Ecology has agreed to extend the dispute at the project manager's level to June 30, 2014.*
 - *The parties met in February to identify and discuss issues requiring resolution and the schedule for completing the work plans.*
 - *Scheduled weekly meetings between DOE and Ecology are planned. The two most recent meetings were held on March 6 and March 20, 2014, where initial responses to Ecology's comments on the Draft A RI/FS Work Plan were discussed.*
 - *The parties are currently working on a revised schedule for the Central Plateau Inner Area principles and finalization of the IS-1, SW-2, and WA-1 work plans.*

Milestone Status: Dispute Resolution.

200-EA-1

- **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**
 - *Work has been deferred due to other priorities. This is not funded in FY14.*

Milestone Status: At Risk

200-EA-1 and 200-IS-1

- **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**
 - Milestone date will need to be adjusted based on outcome of dispute resolution for M-015-112 (200-IS-1 workplan).

Milestone Status: At Risk.

Regulatory Agency Comments: N/A

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

- **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**
 - On December 10, 2013, DOE-RL invoked TPA dispute resolution and requested an extension to resolve issues at the project manager level. Ecology has agreed to extend the dispute at the project manager's level to June 30, 2014.
 - The parties met in February to identify and discuss issues requiring resolution and the schedule for completing the work plans.
 - Scheduled weekly meetings between DOE and Ecology are planned. The two most recent meetings were held on March 6 and March 17, 2014, where responses to Ecology's comments on the Draft A RI/FS Work Plan were discussed.
 - The parties are currently working on a revised schedule for the Central Plateau Inner Area principles and finalization of the IS-1, SW-2, and WA-1 work plans.

Schedule Status: Dispute Resolution. DOE-RLThe parties are currently working on a revised schedule for the Central Plateau Inner Area principles and finalization of the IS-1, SW-2, and WA-1 work plans.

- **M-015-93B: Submit RFI/CMS & RI/FS Report & Proposed CA Decision/PP for 200-SW-2, 12/31/2016**
 - Milestone date will need to be adjusted based on outcome of dispute resolution for M-015-113 (200-SW-2 workplan).

Milestone Status: At Risk

Regulatory Agency Comments: N/A

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

- **EA released for public review August 29, 2011. The last of the public comments were received on November 17, 2011.**
 - The EA was deferred while the Tank Closure and Waste Management EIS was in progress.

Schedule Status: The public comments have been incorporated and the EA is under internal review.

Regulatory Agency Comments: Ecology comment: Ecology would like a meeting to discuss finalization of the EA and next steps to closure of SW-1.

200-BC-1 and 200-WA-1 EPA Lead (RL- John Sands, CHPRC – Phil Burke)

200-WA-1

- **M-015-91A: Submit a RI/FS work plan for the 200-WA-1 OU (200 West Inner Area) to EPA, 12/31/2011**
 - *The parties met in February to identify and discuss issues requiring resolution and the schedule for completing the work plans.*
 - *RL is scheduling a meeting with EPA and Ecology to discuss WA-1 waste sites.*

Schedule Status: Milestone complete. Rev. 0 schedule is currently under discussion with the regulatory agencies.

200-BC-1 and 200-WA-1

- **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**
 - *Awaiting finalization of Rev 0 Workplan (M-015-91A). This milestone date will need to be revised based on issuance of the Rev 0 workplan.*

Milestone Status: At Risk.

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. The project is now in a five year rebound monitoring process. An interim report of the operation and rebound testing was prepared at the end of FY2013.*

Schedule Status: Milestone complete, rebound monitoring ongoing.

Regulatory Agency Comments: N/A

200-CW-1, 200-CW-3, 200-OA-1 EPA Lead (RL –Greg Sinton, CHPRC – Phil Burke)

- **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**
 - *Milestone status reported as “to be missed” at the TPA Quarterly Milestone Review January 16, 2014. This activity has not been funded, and preparation of a revised FS Report and PP(s) has not been initiated.*

Milestone Status: To Be Missed.

Regulatory Agency Comments: N/A

200-BP-5 and 200-PO-1 Ecology Lead (RL – John Morse, CHPRC – Curt Wittreich)

- **M-015-82B: Initiate 200-BP-5 Aquifer Tests Within 6 months of TTP Approval, approval of TTP + 6 months**
 - *The initial phase (step-drawdown) of the treatability test is planned to be performed in the spring of 2014.*
 - *Additional testing will be performed once uranium treatment is available at the 200 West Pump and Treatment Facility and a pipeline is installed from 200-BP-5 to 200 West. An EE/CA is under preparation to authorize this activity.*

Schedule Status: Milestone complete, testing to be performed.

- **M-015-21A: Submit 200-BP-5 and 200-PO-1 OU FS Report & PP(s) to Ecology, 6/30/2015**
 - *The most current groundwater data set is being compiled for both 200-BP-5 and 200-PO-1 to prepare a 200-BP-5 baseline risk assessment and to prepare a supplemental analysis for 200-PO-1 (the 200-PO-1 RI Report was issued October 2012). The goal is to have a current and integrated database for both OUs in support of the combined BP-5/PO-1OU FS.*
 - *Preparation of the draft 200-BP-5 RI Report is funded in FY2014 and has been reinitiated.*
 - *The BP-5/PO-1 FS Report is not funded in FY2014.*

Milestone Status: At Risk.

Regulatory Agency Comments: N/A

M-015 Milestone Series, Major Milestone *Dual Agency Lead*

- **M-015-00: Complete the RI/FS Process for all Non-Tank Farm OUs, 12/31/2016**
 - *This milestone may be impacted by the interim OU milestones stated above.*

Milestone Status: At Risk.

Regulatory Agency Comments: N/A

200-PW-1/3/6 and CW-5 ROD Implementation *EPA Lead (RL- Greg Sinton, CHPRC – Phil Burke)*

- **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**

Milestone Status: On Schedule.

Regulatory Agency Comments: N/A

200-PW-1 Soil Vapor Extraction Operations *EPA Lead (RL – John Morse, CHPRC – Mark Bymes)*

- *A rebound study is currently in process. In late March 2014, soil vapor concentrations in wells will be measured and a decision made whether or not to perform active SVE operations in FY2014.*
- *A plan is currently being prepared that identifies the steps that need to be completed prior to terminating all future SVE operations in the 200-PW-1 OU.*

Regulatory Agency Comments: N/A

200-UP-1 Remedy Implementation *EPA Lead (RL – Naomi Jaschke, CHPRC – Curt Wittreich)*

- **M-016-190: Complete the installation of extraction and injection wells for the U Plant area pump & treat system for uranium and technetium-99, and the iodine-129 hydraulic containment system as defined in the 200-UP-1 RD/RAWP, 9/30/2015**
 - *The installation of two extraction wells is being planned for FY2014*
 - *The Performance Monitoring Plan (PMP) will evaluate the need for the injection wells for the U Plant area (completed in FY14). Based on the evaluation in the PMP the RD/RA WP will be revised including any revision to this milestone wording. The uranium treatment is planned to be operational by the spring of 2015.*

Milestone Status: On Schedule.

- **M-016-191: Complete acceptance test procedures and operational test procedures and initiate startup operations for the U Plant area P&T for uranium and tech-99, and Iodine-129 hydraulic containment system, 3/30/2016**
 - *The remedial design process for the U Plant area uranium plume continued.*
 - *A technical feasibility evaluation for uranium treatment at the 200 West pump and treat was completed that recommended a dedicated ion-exchange resin train as the preferred uranium treatment option.*

Milestone Status: On Schedule.

- **M-016-192: Submit I-129 Technology Evaluation Plan Draft A to EPA as defined in the UP-1 RD/RA WP, 6/17/2016**
 - *Laboratory, field data evaluation and technology reviews are currently being performed to develop the Technology Evaluation Plan Draft A.*

Milestone Status: On Schedule.

- **M-016-193: Complete the remedial design investigation of the SE chromium plume, including the installation of new wells and evaluation of the GW monitoring data and install monitoring wells needed for remedy performance monitoring as defined in the UP-1 RD/RA WP, 9/30/2017**

Milestone Status: On Schedule.

Regulatory Agency Comments: N/A

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

- *During the month of January 2014, the pumping rates at the 200 West P&T ranged from ~1,448 gpm to 1,499 gpm. The two ion exchange resin trains were run between 476 gpm and 526 gpm combined capacity, removing technetium-99 from groundwater from wells near the TX-TY Tank Farm, T Tank Farm, as well as S-SX Tank Farm.*
- *An unplanned shutdown on January 7, 2014, occurred at 5:30pm when MBR-C shutdown because of high TMP (trans membrane pressure). The plant was restarted one hour later.*
- *Occasional drops in flow were caused by individual wells shutting down due to communication issues in the high wind conditions. Also recovery cleans on the MBRs were performed which resulted in reduced flows for short periods.*
- *The reduced flows on January 22 and 23, 2014, were caused by extraction well YE-16 being offline due to activation of a rupture disc which had to be replaced.*
- *An unplanned shutdown on January 30, 2014, at 1:45pm was due to high TMP pressure in the MBRs. The plant was restarted at 3:00pm. Also extraction well YE-2 went offline at the same time due to rupture disc activation. Well YE-2 remains off-line until the repair parts are received and replaced.*
- *244 kg of carbon tetrachloride and 4,084 kg of nitrate as N (or 18,086 kg nitrate as NO₃) were recovered during January 2014.*
- *The average concentration of contaminants of concern in the effluent water remains below the cleanup levels specified in the Record of Decision.*

Regulatory Agency Comments: N/A

200 Area Groundwater

- **M-016-119-T01: DOE will have a remedy in place to contain existing groundwater plumes (except iodine, nitrate, and tritium) in the 200 NPL Area, 12/31/2020**

Milestone Status: On Schedule.

Regulatory Agency Comments: N/A

M-016 Milestone Series, Major Milestone *Dual Agency Lead*

- **M-016-00: Complete Remedial Actions for all Non-Tank Farms & Non-Canyon OUs, 9/30/2024**
 - This milestone may be impacted by the interim OU milestones stated above.

Milestone Status: At Risk.

Regulatory Agency Comments: N/A

M-024 Milestone Series/Well Drilling *Dual Agency Lead (RL-Mike Thompson, CHPRC-Mark Cherry)*

- **M-024-58G: Initiate Discussions of Well Commitments, 6/01/2014**
- **M-024-65-T01: Conclude Discussions of Well Commitments, 8/01/2014**
- **M-024-65: DOE Shall Complete Construction of all Wells Identified in M-24-11-01, 12/31/2014**
- **M-024-000: Complete Well Installations with RCRA/CERCLA Requirements, TBD**

Milestone Status: On Schedule.

Regulatory Agency Comments: N/A

200 Area RCRA TSD Closures *Ecology Lead (RL – John Sands/Joe Axtell, CHPRC – Phil Burke)*

- **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**
 - *The two closure plans were submitted to Ecology on April 23, 2013.*
 - *Ecology issued a letter on July 12, 2013 (Notice of Deficiencies for the 216-B-3 Main Pond Closure- DOE/RL-2013-24, Draft A and the 216-S-10 Pond and Ditch Closure Plan- DOE/RL-2006-12, Draft B), requesting DOE-RL to revise and resubmit the closure plans correcting the deficiencies as part of Rev. 9 or as a permit modification.*
 - *DOE-RL NOD responses extended to December 9, 2013 to enable coordination with Ecology guidance documents in support of the Hanford RCRA permit.*
 - *Transmitted NOD responses on December 3, 2013.*

Schedule Status: Milestone complete; closure plans undergoing NOD process.

- **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**
 - *DOE-RL is currently revising the 5 TSD Closure Plans for transmittal to Ecology.*

Milestone Status: On Schedule.

- **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**

Milestone Status: On Schedule.

- **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**

Milestone Status: On Schedule

Regulatory Agency Comments: N/A

Canyon Facilities

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**

Milestone Status: At Risk

- **M-016-200B: Complete U Plant Canyon (221-U) barrier construction in accordance with the RD/RAWP, 9/30/2021**

- *These milestones may be impacted by the 200-WA-1 and 200-OA-1 OU interim milestones stated above.*

Milestone Status: At Risk

Regulatory Agency Comments: EPA Comment: EPA does not agree with moving either of the above milestones.

Canyon Facilities EPA/Ecology Lead (RL – Ray Corey, CHPRC – Moses Jaraysi)

- **M-085-02: Submit Change Package to Establish Schedule for Submittal of RI/FS Work Plans for Canyons and RAWPs for 224B & 224T, 9/30/2015**
- **M-085-01: Submit a Change Package to Establish a Date for Major Milestone M-085-00, 9/30/2022**
- **M-085-00: Complete response actions for the canyon facilities/associated past practice waste sites, other Tier 1 Central Plateau facilities not covered by existing milestones, and Tier 2 Central Plateau facilities. This includes B Plant, PUREX, and REDOX canyons and associated past practice waste sites in 200-CB-1, 200-CP-1, and 200-CR-1 OUs. The milestone does not include U Plant or T Plant canyons, TBD**

Milestone Status: On Schedule.

Regulatory Agency Comments: N/A

200 AREA PROJECT MANAGERS MEETING MILESTONE LIST
March 20, 2014

Milestone	Title	Due Date	Operable Unit (or Activity Area)
M-015-110A	Submit RCRA FI/CMS & RI/FS Work Plan for 200-DV-1 OU	3/31/2015	200-DV-1
M-015-110B	Submit CMS & FS & Proposed Plan/CA Decision for the 200-DV-1 OU	9/30/2015	200-DV-1
M-015-112	Submit Draft B 200-IS-1 RFI/CMS/RI/FS Work Plan to Ecology with Schedule Dates	2/28/2014	200-IS-1
M-015-92A	Submit RCRA FI/CMS & RI/FS Work Plan for 200-EA-1 OU to Ecology	6/30/2015	200-EA-1
M-015-92B	Submit CMS & FS Reports & Proposed CA Decision/PP for 200-EA-1 & 200-IS-1	12/31/2016	200-EA-1 and 200-IS-1
M-015-113	Submit Draft B 200-SW-2 RFI/CMS/RI/FS Work Plan to Ecology Including Schedule	2/28/2014	200-SW-2
M-015-93B	Submit RCRA FI/CMS & RI/FS Report & Proposed CA Decision/PP for 200-SW-2	12/31/2016	200-SW-2
M-015-91B	Submit FS Report & Proposed Plan for the 200-BC-1/200-WA-1 OU	12/31/2015	200-BC-1 and 200-WA-1
M-015-21A	Submit 200-BP-5 and 200-PO-1 OU FS Report & PP(s) to Ecology	6/30/2015	200-BP-5 and 200-PO-1
M-015-38B	Submit Revised FS Report & PP for CW-1, CW-3 & OA-1 to EPA	10/30/2014	200-CW-1, 200-CW-3, 200-OA-1
M-015-00	Complete the RI/FS Process for all Non-Tank Farm OUs	12/31/2016	M-015 Major Milestone
M-016-125	Submit RD/RA Work Plan to EPA for 200-CW-5 & 200-PW-1/3/6 per ROD	9/30/2015	200-CW-5 and 200-PW-1/3/6
M-016-190	Complete Installation of Wells for U-Plant Area Pump & Treat Per 200-UP-1 RD/RA WP	9/30/2015	200-UP-1
M-016-191	Complete Acceptance/Operation Test Procedures and Intiate Operations of U Plant Area Pump & Treat	3/30/2016	200-UP-1
M-016-192	Sumbit I-129 Technology Evaluation Plan Draft A to EPA Per 200-UP-1 RD/RA WP	6/17/2016	200-UP-1
M-016-193	Investigate SE Chromium Plume, Install Wells, Evaluate GW Monitoring Data & Install Monitoring Wells	9/30/2017	200-UP-1
M-016-119-T01	Operational Sys in Place To Contain GW Plumes in 200 NPL Area	12/31/2020	200 Area GW OUs
M-016-00	Complete Remedial Actions for all Non-Tank Farms & Non-Canyon OUs	9/30/2024	M-016 Major Milestone
M-024-58G	Initiate Discussions of Well Commitments	6/01/2014	All GW OUs
M-024-65-T01	Conclude Discussions of Well Commitments	8/01/2014	All GW OUs
M-024-65	DOE Shall Complete Construction of all Wells Identified in M-24-11-01	12/31/2014	All GW OUs
M-024-00O	Complete Well Installations with RCRA/CERCLA Requirements	TBD	All GW OUs

Milestone	Title	Due Date	Operable Unit (or Activity Area)
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	6/30/2014	TSD Units
M-037-11	Complete Closure Requirements for 216-B-3 & 216-S-10	9/30/2016	TSD Units
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	TSD Units
M-016-200A	Complete U Plant Canyon (221 U Facility) Demolition	9/30/2017	200-CU-1
M-016-200B	Complete U Plant Facility (221 U Facility) Barrier Construction	9/30/2021	200-CU-1
M-085-02	Submit Change Package to Establish Schedule for Submittal of RI/FS WPs for Canyons & RAWPs for 224B & T	9/30/2015	Canyon Facilities
M-085-01	Submit a Change Package to Establish Date for Major Milestone M-085-00	9/30/2022	Canyon Facilities
M-085-00	Complete Response Actions for Specified Canyon Facilities & Waste Sites	TBD	Canyon Facilities