

200 AREA PROJECT MANAGERS MEETING (PMM) JANUARY 16,2020

Prepared for the U.S. Department of Energy
Assistant Secretary for Environmental Management

Contractor for the U.S. Department of Energy
under Contract DE-AC06-08RL14788

CH2MHILL
Plateau Remediation Company

**P.O. Box 1600
Richland, Washington 99352**

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Date Published
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APPROVED
By Sarah Harrison at 11:11 am, Apr 28, 2020

Release Approval

Date

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**DISTRIBUTION
PROJECT MANAGERS MEETING
200 AREA GROUNDWATER and SOURCE OPERABLE UNITS
January 16, 2020**

FINAL MEETING MINUTES

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Meeting Attendees
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**200 AREA PROJECT MANAGERS MEETING
Attachments List
January 16, 2020**

Minutes of the 200 Area Project Managers Meeting are attached. Minutes are comprised of the following:

- | | |
|---------------------|---|
| Attachment 1 | Agenda |
| Attachment 2 | Attendees Sign In Sheets |
| Attachment 3 | Signature Approval Page |
| Attachment 4 | Milestones and O. U. Status, November - December Data |
| Attachment 5 | Documents Entered into the AR and Approved Change Notices
November - December Data |
| Attachment 6 | Action Item List |

**200 AREA PROJECT MANAGERS MEETING
AGENDA
January 16, 2020**

Milestones and O. U. Status- November – December 2019 Data

- 200-PW-1/3/6 and 200-CW-5
- U Plant Canyon
- Canyon Facilities
- 200-CB-1 (B Plant)
- 200-CP-1 (PUREX)
- 200-CR-1 (REDOX)
- Waste Site Removal
- Deep Vadose Zone
- 200-EA-1
- 200-IS-1
- 200-SW-2
- 200-SW-1
- 200-OA-1, 200-CW-1, 200-CW-3
- 200-BC-1 and 200-WA-1
- 200-BP-5 and 200-PO-1
- 200-UP-1
- 200-ZP-1
- 200 Area Groundwater/200 West P&T Facility
- 200 Area RCRA TSD Closures
- Milestone Status

Documents for the Administrative Record and Approved TPA Change Notices

Action Items

Closing Comments (all)

- Sign concurrence to “Groundwater Summary by O.U.” and “Action Item List” if applicable
- EPA and ECY are reminding DOE that project documents are to be sent to the Project Managers.

Future PMM meetings will be held in 2420 Stevens Room 308 from 2:30-3:30pm as follows:

2020

- January 16
- March 19
- May 21
- July 16
- September 17
- November 19

**Meeting Minutes Transmittal/Approval
Project Managers' Meeting
200 Area Groundwater and Source Operable Units
January 16, 2020**

APPROVAL: Michael W. Cline Digitally signed by Michael W. Cline
Date: 2020.04.14 13:13:54 -07'00' DATE: 4/14/2020
200 Area Project Manager, DOE/RL

APPROVAL: Mark S. French Digitally signed by Mark S. French
Date: 2020.04.14 14:43:16 -07'00' DATE: 4/14/2020
200 Area Project Manager, DOE/RL

APPROVAL: CRAIG CAMERON Digitally signed by CRAIG CAMERON
Date: 2020.04.14 15:13:07 -07'00' DATE: 4/14/2020
200 Area Project Manager, EPA

APPROVAL:  Digitally signed by Welsch, Kim (ECY)
Date: 2020.04.14 14:46:48 -07'00' DATE: 4/14/2020
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 these minutes. Approval does not apply to any other attachments, which are included in these minutes for informational purposes.

200 AREA PROJECT MANAGERS MEETING
Milestones and O.U. Status
November - December, 2019 Data
January 16, 2020

General note on dispute resolution:

Several milestones are at risk and are in dispute resolution at the PM or higher level. The Parties met to discuss and review the draft Budget AIP and TA. On June 24, 2019, DOE signed the AIP and provided it to Ecology. On July 3, 2019, Ecology stated the AIP is on hold pending DOE's response to an Ecology letter regarding budget impacts. On July 10, 2019, Ecology issued letter 19-NWP-109 to DOE requesting additional information regarding budget impacts. On September 9, 2019, RL requested Ecology to reconsider approving the Budget AIP to begin negotiating the milestones impacted by the FY 2018 and 2019 budget via RL letter 19-AMRP-0074.

Regulatory Agency Comments:

It's not clear to Ecology until Representative Analogous Sites Coordinating Agency Liaisons (RASCAL) Team reports out, whether the RASCAL effort will provide a satisfactory work-around for DOE's declared delays to the B Plant and PUREX Plant RI/FS. The RASCAL effort will not specifically address canyons at all, except possibly a few U Plant waste sites (U Plant has its own ROD). The RASCAL effort will primarily address 200-WA-1 OU, 200-EA-1 OU, 200-BC Cribs, and possibly portions of 200-IS-1 OU only, and will not address the entire AIP shortcomings. Ecology's position remains that because of representations made to the public during public comment (and public meetings) on the PUREX Tunnels: DOE needs to initiate an RI/FS work plan for the PUREX Plant (M-85-80 milestone) as soon as possible.

200-PW-1/3/6 and CW-5 EPA Lead (RL- Robert Long, CHPRC – Jill Thomson)

Limited funding is provided to support replanning in FY2020.

- Request and obtain project funding (FY16-18).
- CD-0, Approve mission need (FY18).
- CD-0 to CD-1, Approve alternative selection and cost range (FY18-20).
- A number of items are listed in the PW 1/3/6 RD/RA Work Plan for FY16-19. Would DOE confirm in the meeting minutes if any of these activities have been started and if any funds have been spent to date on these items?
- Please note that EPA has not agreed to any delays in this schedule and expects the RD/RA WP schedule to be followed since it is an enforceable part of the remedial action work plan. Any proposed changes to the schedule need to be discussed in a timely manner.
- Monthly meetings are ongoing with EPA to strategize the project.
- Any removal actions for stabilization activities at waste sites identified in the ROD require concurrence from EPA to ensure that it will not affect the ability to implement the selected remedial action.

200 AREA PROJECT MANAGERS MEETING
Milestones and O.U. Status
November - December, 2019 Data
January 16, 2020

7-4

1
2

DOE/RL-2015-23, REV. 0

No.	Task Name	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	FY 2035 +	
1	Remediate 200-CW-5 and 200-PW-1/3/6 Operable Units																					
1.1	Manage 200-CW-5 and 200-PW-1/3/6 Remediation																					
1.1.1	Project Management and Support for 200-CW-5 and 200-PW-1/3/6 Remediation																					
1.1.2	Acquire Remediation System for 200-CW-5 and 200-PW-1/3/6																					
1.1.2.1	Request and Obtain Project Funding																					
1.1.2.2	CD-0, Approve Mission Need																					
1.1.2.3	CD-0 to CD-1, Approve Alternative Selection and Cost Range																					
1.1.2.4	CD-1 to CD-2, Approve Performance Baseline																					
1.1.2.5	CD-2 to CD-3, Approve Start of Construction/Execution																					
1.1.2.6	CD-3 to CD-4, Approve Start of Operations or Project Completion																					
1.1.3	Mobilize Remediation System for 200-CW-5 and 200-PW-1/3/6																					
1.2	Remove, Treat, and Dispose of Contaminated Soil and Debris																					
1.2.1	Manage RTD of Contaminated Soil and Debris																					
1.2.2	RTD of Soil and Debris from Z Ditches																					
1.2.3	RTD of Soil and Debris from 216-Z-5																					
1.2.4	RTD of Soil and Debris from 216-Z-18																					
1.2.5	RTD of Soil and Debris from 216-Z-9																					
1.2.6	RTD of Soil and Debris from 216-Z-12																					
1.2.7	RTD of Soil and Debris from 216-Z-1A, Z-1, Z-2, and Z-3																					
1.3	Remove, Treat, and Dispose of Settling Tanks																					
1.3.1	Manage RTD of Settling Tanks																					
1.3.2	RTD of Tank 241-Z-8																					
1.3.3	RTD of Tank 241-Z-361																					
1.4	Enhance Soil Cover, Install ET Barriers, and Demobilize the Project																					
1.4.1	Manage Enhance Soil Cover, Install ET Barriers, and Demobilize the Project																					
1.4.2	Enhance Soil Cover for Cs-137 Waste Sites																					
1.4.3	Install ET Barriers																					
1.4.4	Demobilize the Project																					
1.5	Long-Term Stewardship																					
1.5.1	Manage Long-Term Stewardship																					
1.5.2	Institutional Controls																					
1.5.3	Surveillance, Operations, and Maintenance																					
1.5.4	CERCLA 5-Year Review																					

Figure 7-1. RA Schedule for the 200-CW-5, 200-PW-1, 200-PW-3, and 200-PW-6 OUs

Regulatory Agency Comments:

U Plant Canyon EPA Lead (RL – Robert Long, CHPRC – TBD)

- Nothing to report.

Regulatory Agency Comments: None

Canyon Facilities EPA/Ecology Lead (RL – Robert Long, CHPRC – Bob Cathel)

- B Plant: EE/CA at Ecology for comment resolution concurrence.
- 224B: RAWP and SAP Draft A EPA and Ecology comments received and comment responses have been shared with EPA and Ecology. All comments resolved with the exception of those related to air emissions and asbestos as these still need to be reviewed by Department of Health.
- REDOX: Revision 1 to the RAWP and SAP are in internal review.
- PUREX: AM Decisional Draft in internal review.
- PUREX Tier 2 Buildings/Facilities: RAWP Draft A submitted to Ecology for review. SAP Draft A is being prepared for transmittal to Ecology.
- 224T: RAWP and SAP Decisional Drafts are in internal review.

Regulatory Agency Comments: None

200 AREA PROJECT MANAGERS MEETING
Milestones and O.U. Status
November - December, 2019 Data
January 16, 2020

200-CB-1 (B Plant) *Ecology Lead (RL- Mike Cline, CHPRC –)*

- Not funded.

M-085-70: Submit to Ecology a Remedial Investigation/Feasibility Study Work Plan for 200-CB-1. Due date 09/30/2019.

- Status: Dispute resolution at the PM level until 1/31/20. See general note at the beginning of this section.

Regulatory Agency Comments:

200-CP-1 (PUREX) *Ecology Lead (RL- Mike Cline, CHPRC –)*

- Not funded.

M-085-80: Submit Remedial Investigation/Feasibility Study Work Plan for 200-CP-1 to Ecology. Due date 09/30/2020.

- Status: At risk. See general note at the beginning of this section.

Regulatory Agency Comments: None

200-CR-1 (REDOX) *EPA Lead (RL- Mike Cline, CHPRC –)*

- Not funded.

M-085-90: Submit a Remedial Investigation/Feasibility Study Work Plan for 200-CR-1 to EPA. Due date 09/30/2021.

- Status: At risk. See general note at the beginning of this section.

Regulatory Agency Comments: None

Waste Site Removal *Ecology Lead (RL- Bobby Long/P. Ensign, CHPRC – Darin Corriell, Cory McCoy)*

- Submitted to Ecology the three year rolling prioritized schedule as described in TPA milestone
- M-016-250D on March 27, 2019.

M-016-250: Submit to Ecology for approval a three-year rolling prioritized schedule consistent with site-wide clean-up priorities to implement waste site removal actions per Action Memoranda, March 31, 2016, and annually thereafter.

- Status: Complete on 3/27/2018 M-016-250D, due 3/31/2019.
- Change Control Form M 16-18-04 in dispute with EPA at the PM level until 6/30/20.
- CCF M-16-18-01 in dispute with Ecology at the PM level until 6/30/20.
- Six CS/NFA sites have been evaluated for ecological and cultural impacts and controls identified. Sampling activities fell below the IPL line for FY20 and no CS/NFA work is scheduled for this year.

Regulatory Agency Comments: None

200-DV-1- *Ecology Lead (RL –Kate Amrhein, CHPRC – Mark Byrnes)*

- Obtained DOE, EPA, and Ecology signature/approval of five TPA-CNs; -0878, -0879, -0880, -0881, -0882 on December 16, and December 17, 2019. These change notices allow the installation of 8 extraction wells and 4 monitoring wells in the perched water zone within the B Tank Farms.
- Resolved internal comments and initiated preparation of the Draft A 200-DV-1 DQO/SAP for Perched Water (DOE/RL-2019-42) on December 18, 2019.
- A total of 1,358,818 gallons have been pumped from the perched water wells YE-28, YE-29 and YE-30 to date (December 31, 2019), with 328,000 gallons pumped between January 2019 through December 2019.

M-015-110B: Submit Corrective Measures Study & Feasibility Study Report and Proposed Plan/Proposed Corrective Action Decision for the 200-DV-1 OU to Ecology. Due date 09/30/2023.

- Status: At risk. See general note at the beginning of this section.

200 AREA PROJECT MANAGERS MEETING
Milestones and O.U. Status
November - December, 2019 Data
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Year	Duration	Perched Water Extracted (gal)	Uranium Removed (kg)	Technetium-99 Removed (g [Ci])	Nitrate Removed (kg as NO3)
2012	08/2011 - 09/2012	65,167	12	0.37 (6.3×10 ⁻³)	131
2013	10/2012 - 09/2013	92,303	13.1	0.74 (1.3×10 ⁻²)	202.6
2014	10/2013 - 09/2014	75,620	24.1	0.59 (1.0×10 ⁻²)	137.2
2015	10/2014 - 09/2015	68,065	19.3	0.41 (7.0×10 ⁻³)	112.2
2016	10/2015 - 12/2016	15, 663	11.2	0.36 (6.1×10 ⁻³)	195
2017	01/2017 - 12/2017	334,000	77.5	2.67 (4.5×10 ⁻²)	1,970
2018	01/2018 - 12/2018	380,000	74	2.87 (4.9×10 ⁻²)	1,606
2019	01/2019 - 12/2019	328,000	63.3	2.72 (4.6×10 ⁻²)	1,280
Totals	08/2011 - 12/2019	1,358,818	293.5	10.66 (1.81x10⁻¹)	5,364

Regulatory Agency Comments: None

200-EA-1 - Ecology Lead (RL- Doug Hildebrand, CHPRC – Dave St John)

- Resolved all Ecology's comments on the RI/FS Work Plan, except comment 30 which is to update the schedule (Figure 6-1). This update will occur following the 200 Area Central Plateau Agreement-in-Principle negotiations.
- Obtained DOE and Ecology's signature on the RI/FS Work Plan Appendix A (SAP). Received additional input from EPA in early September regarding concerns in the SAP approach; EPA's signature is on hold pending resolution of this concern.
- A team has been established that includes DOE, EPA, and Ecology to determine a path forward for accelerating cleanup decisions for the Central Plateau Waste Sites. A presentation was provided at the November 21, 2019 IAMIT meeting to present a framework and gain IAMIT agreement. At the meeting, the IAMIT approved to proceed with the proposed approach, and to provide an update at the IAMIT in March, 2020.

M-015-92B: Submit RFI/CMS & RI/FS Report and Proposed Corrective Action Decision/Proposed Plan for the 200-EA-1 OU (Central Plateau 200 East Inner Area) to Ecology. Due date 11/30/2022

- Status: At risk. See general note at the beginning of this section.

Regulatory Agency Comments: None

200-IS-1 - Ecology Lead (RL- Doug Hildebrand, CHPRC – Dave St John)

- Not funded in FY20.

M-015-112: Submit Draft B, 200-IS-1 OU Pipeline System Waste Sites RFI/CMS/RI/FS work plan to Ecology, including a schedule of completion dates for major tasks and deliverables. Due date November 30, 2020.

- Status: At risk. See general note at the beginning of this section.

Regulatory Agency Comments: None

200-SW-2 Ecology Lead (RL- Doug Hildebrand, CHPRC – Dave St John)

- Not funded in FY20.

200 AREA PROJECT MANAGERS MEETING
Milestones and O.U. Status
November - December, 2019 Data
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M-015-93C: Initiate characterization fieldwork for the 200-SW-2 Operable Unit landfills in accordance with the schedule in the approved RI/FS/RFI/CMS Work Plan. Due date 09/30/2018.

- Status: Dispute resolution. At the May 16, 2019 IAMIT, Ecology stated they would not be issuing a Director's Determination but would like to work resolution via the Budget AIP and TA. See general note at the beginning of this section. On December 19, 2019 at the IAMIT, ECY suggested marrying milestone M-015-93C (Characterize field work for 200-SW-2 Operable Unit) with M-091-49A (Submit a change request to establish a schedule for achieving the retrieval of RSW) in exchange for relief (2-4 yrs.) to milestone M-091-44T (submitting a change request to establish a schedule for offsite shipment of TRU waste).

Regulatory Agency Comments: None

200-SW-1/NRDWL Ecology Lead (RL- Doug Hildebrand/Mostafa Kamal, CHPRC- Dave St John)

- Finalized the Construction Quality Assurance framework document and pre-construction storm water run-on/run-off calculation for the NRDWL CAP in September 2019. These documents were provided to Ecology for review and comment on October 28, 2019.
- Continued RL/Ecology meetings to discuss, and seek concurrence on the resolution of minor Hold/Needs deficiencies and issues that were identified in September 2018 with additional guidance in August 2019. Concurrence has been reached on three minor Hold/Needs deficiencies and resolution of the remaining deficiencies is continuing.

Regulatory Agency Comments: None

200-OA-1 (Outer Area), 200-CW-1, and 200-CW-3 EPA Lead (RL- Jim Hanson, CHPRC – Deborah Singleton)

- Not funded in FY20.

M-015-38B Submit FS/PP for 200-CW-1, 200-CW-3 and 200-OA-1 OUs to EPA. Due date 07/31/2023.

- Status: At Risk. See general note at the beginning of this section.

Regulatory Agency Comments: None

200-BC-1 and 200-WA-1 EPA Lead (RL- Joe Axtell, CHPRC – Dave St John)

- Completed the collection of field data for the Electro Resistivity Tomography (ERT) survey equipment at 216-U-1/2 and 216-U-16 on November 4, 2019 and initiated the preparation of the ERT survey report.

M-015-98: Complete remedial investigation of U Plant related waste sites located in 200-WA-1 in accordance with the WA-1 RI/FS Work Plan. Due date 06/30/2019.

- Status: Dispute resolution at the PM level until 06/30/2020. See general note at the beginning of this section.

M-015-99: Complete remedial investigation of PFP related waste sites located in 200-WA-1 in accordance with the 200-WA-1 and 200-BC-1 RI/FS Work Plan. Due date 12/31/2019.

- Status: Dispute resolution at the PM level until 06/30/2020. See general note at the beginning of this section.

M-015-84 Complete RI of 200-WA-1 and 200-BC-1 Waste Sites in Accordance with RI/FS Work Plan. Due date 12/31/2021

- Status: Dispute resolution at the PM level until 06/30/2020. See general note at the beginning of this section.

M-015-91B Submit FS/PP for the 200-BC-1/200-WA-1 OUs to EPA. Due date 07/31/2023.

- Status: Dispute resolution at the PM level until 06/30/2020. See general note at the beginning of this section.

Regulatory Agency Comments: At this PMM, based upon the meeting between Mike Cline and Craig Cameron, the dispute was extended from 01/31/2020 to 06/30/2020 on 01/16/2020.

200 AREA PROJECT MANAGERS MEETING
Milestones and O.U. Status
November - December, 2019 Data
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200-BP-5 and 200-PO-1 *Ecology Lead (RL – Naomi Jaschke, CHPRC – Chris Cearlock)*

- The Revision 0, 200-BP-5/200-PO-1 Feasibility Study that supports the Interim Action Record of Decision (DOE/RL-2018-30) was transmitted to the regulators on December 18, 2019.
- The Revision 0, Proposed Plan for Interim Action Remediation of the 200-BP-5 and 200-PO-1 Operable Units (DOE/RL-2018-58) is being finalized. The three parties met on November 14 and 19, 2019, and December 10, 2019 to review the final changes incorporating technical and legal comments.
- A total of over 87 million gallons of groundwater have been pumped from the BP-5 extraction wells in calendar year 2019 as part of the removal action.

Groundwater Extracted (millions of gallons)			Total Groundwater Extracted in 2019 (millions of gallons)	Total Groundwater Extracted - September 2015 through December 2019 (millions of gallons)
Well	Nov 2019	Dec 2019		
299-E33-268 (YE27)	-	-	-	57
299-E33-360 (YE31)	5.1	5.2	68.2	198.5
299-E33-361 (YE-32)	2.3	2.3	19.3	19.3
Total	7.4	7.5	87.5	217.8

*Data through December 31, 2019.

Regulatory Agency Comments: None

200-UP-1 *EPA Lead (RL – Kate Amrhein, CHPRC –Chris Cearlock)*

- Met with EPA on December 11, 2019 to review the I-129 Technical Impracticability Waiver outline and discuss the modeling scenarios that will support the waiver.

Regulatory Agency Comments: None

200-ZP-1 *EPA Lead (RL – Kate Amrhein, CHPRC – Mark Byrnes)*

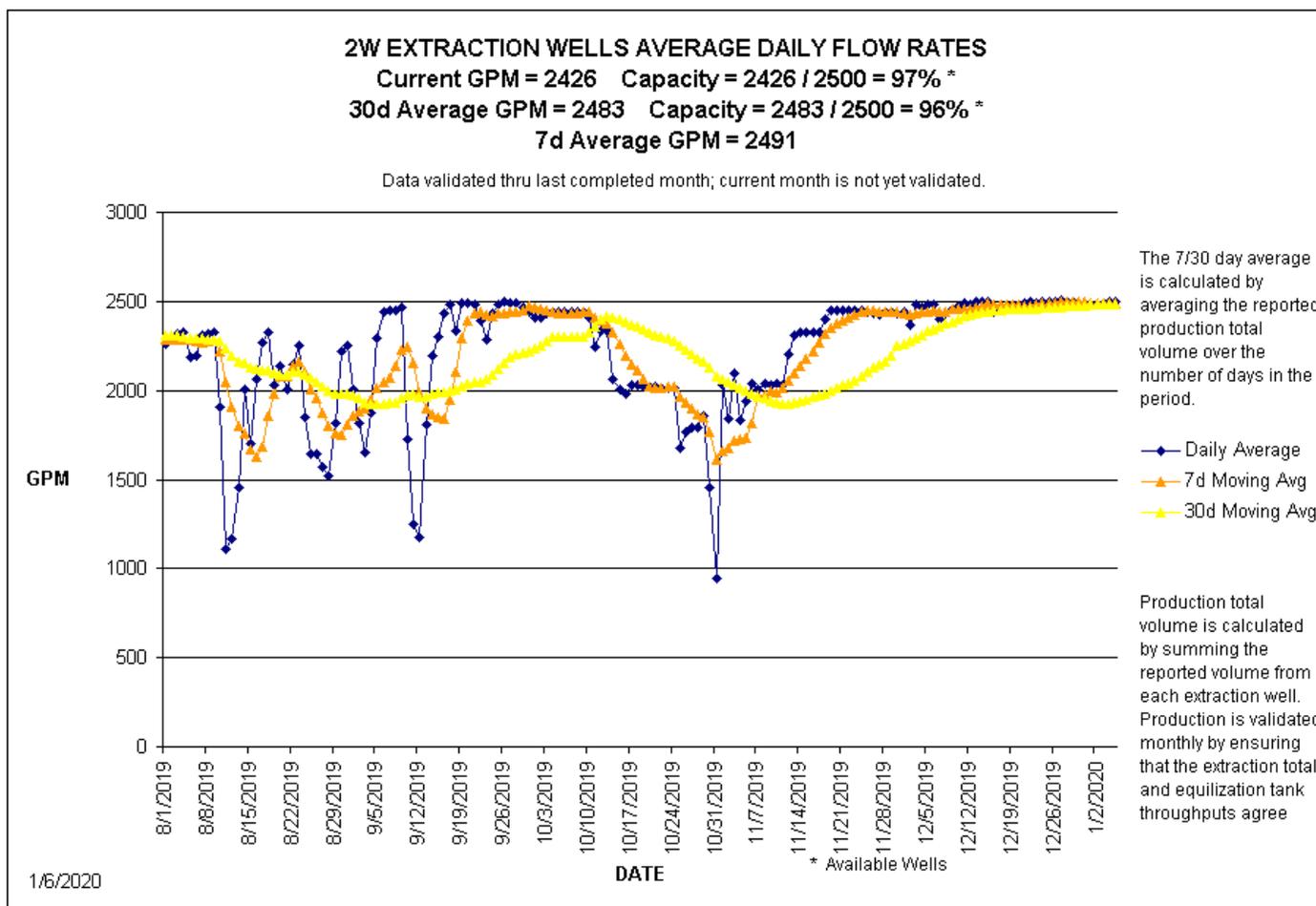
- Completed installation and all fieldwork for injection well 699-47-78 (YJ-35) on November 26, 2019.
- Obtained EPA signature/approval of TPA-CN-0876 on November 25, 2019. This change notice was prepared to add the FY20/21 optimization study extraction wells (11 wells) to the existing 200-ZP-1 drilling SAP (DOE/RL-2010-72, Rev. 2).
- Met with DOE and EPA on December 9, 2019 to review proposed comment responses to 200-ZP-1 Remedial Design/Remedial Action Work Plan (DOE/RL-2008-78, Rev. 1 Draft A). Resolved all comments and initiated document update.
- Met with DOE and EPA on December 10, 2019 to obtain comment resolution on 200-ZP-1 OU Performance Monitoring Plan, (DOE/RL-2009-115, Rev.3 Draft A). Resolved all comments and initiated document update.
- Completed DOE and EPA comment resolution on December 13, 2019 for the 200-ZP-1 OU Ringold A SAP (DOE/RL-2019-23). Resolved all comments and initiated document update.
- Completed the DQO briefing of steps 1 through 4 for the 200-ZP-1 Optimization Study Sampling and Analysis Plan (DOE/RL-2019-76) on December 19, 2019.

Regulatory Agency Comments: None

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200 Area Groundwater/200 West P&T Facility

Month	Gallons Treated (millions)	Nitrate-N (kg)	NO3 (kg)	Carbon Tetrachloride (kg)	Chromium (kg)	Uranium (kg)	Ci of Tc-99
November	97.12	0.0	0.0	144	0.0	11.32	0.15
December	110.52	0.0	0.0	161	0.42	10.19	0.16



M-024 Well Installation Ecology Lead (RL-Kathy Higgins, CHPRC-Dave Capelle)

M-024-70: Complete the Construction of All Wells Listed for CY19 and Before.

- Status: Due 12/31/2019, Completed.

M-024-71-T01: Conclude Discussions of Well Commitments Initiated Under M-024-58.

- Status: Due 08/01/2020, On schedule.

M-024-71: Complete the Construction of All Wells Listed for CY20 and Before.

- Status: Due 12/31/2020, On schedule.

Regulatory Agency Comments: None

200 AREA PROJECT MANAGERS MEETING
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200 Area RCRA TSD Closures *Ecology Lead (RL – Mostafa Kamal, CHPRC – Dave St John)*

- 216-B-3 Pond Closure Plan
 - On hold, pending resolution of Ecology's input regarding their Table H1 concern.
- 216-S-10 Pond and Ditch Closure Plan
 - On hold, pending resolution of Ecology's input regarding Table H1 comment.
- 216-B-63 Trench Closure Plan
 - On hold, pending resolution of Ecology's input regarding conveyance from B Plant to 200-E-191-PL questions.

A meeting was scheduled for January 9, 2019 with Ecology to discuss these three closure plans.

M-037-10: Complete Unit-Specific Closure Requirements according to the closure plan(s) for six (6) TSD Units: 207-A South Retention Basin, 216-A-29 Ditch, 216-A-36B Crib, 216-A-37-1 Crib, 216-B-63 Trench, and Hexone Storage and Treatment Facility (276-S-141/142).

- Status: Due 09/30/2020, In Abeyance.
- The 45-day public comment period ended November 29, 2019 and DOE and Ecology have initiated addressing comments

M-037-11: Complete unit-specific closure requirements for two (2) TSD Units: 216-B-3 Main Pond system and 216-S-10 Pond and Ditch Status: Due 09-30-2020, At risk. Currently under negotiation in accordance with 19-AMRP-0066 (AR-02713). Tentative agreement on TPA revisions in response to the coordinated closure negotiations.

- Status: Due 09/30/2024, In Abeyance.
- The 45-day public comment period ended November 29, 2019 and DOE and Ecology have initiated addressing comments

M-037-13: Complete Unit-Specific Closure Requirements according to the closure plan-241-CX Tank System (241-CX-70/71/72).

- Status: Due 09/30/2022, In Abeyance.
- The 45-day public comment period ended November 29, 2019 and DOE and Ecology have initiated addressing comments

Monthly Performance Report Assessment

The DOE project managers have not identified any significant issues with CHPRC's previous Monthly Performance Report to be addressed at this meeting.

200 AREA PROJECT MANAGERS MEETING
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Central Plateau Milestones

MS#	Title	Due Date
Fiscal Year 2018		
M-015-93C	Initiate characterization field work for the 200-SW-2 OU	9/30/2018 Dispute Resolution
M-016-255	DOE shall complete the removal of all waste sites for FY2018 as identified in TPA Change Package M-16-17-01.	9/30/2018 Dispute Resolution
Fiscal Year 2019		
M-024-69	Complete construction of all wells listed for CY18 and before as listed in M-24-15-01	12/31/2018 Completed 05/31/2017
M-016-256	DOE shall complete the removal of all waste sites for FY2019 as identified in TPA Change Package M-16-17-01.	9/30/2019 Dispute Resolution
M-015-21A	Submit BP-5/PO-1 FS/PP for Interim ROD	3/31/2019 Completed
M-015-98	Complete remedial investigation of U Plant related waste sites located in 200-WA-1 in accordance with the WA-1 RI/FS Work Plan	6/30/2019 Dispute Resolution
M-024-70-T01	Concluded discussions of well commitments initiated under M-024-58.	08/01/2019 Completed
M-085-70	Submit RI/FS Work Plan for 200-CB-1	9/30/2019 Dispute Resolution
M-024-70	Complete the construction of all wells listed for CY19 and before	12-31-2019 Completed
Fiscal Year 2020		
M-015-99	Complete remedial investigation of PFP related waste sites located in 200-WA-1 in accordance with the 200-WA-1 and 200-BC-1 RI/FS Work Plan.	12/31/2019 Dispute Resolution
M-016-250E	Submit to ECY a 3-Year Rolling Prioritized Schedule to Implement Waste Site Removal Actions	3/31/2020 On Schedule
M-024-58M	Initiate Discussions of Well Commitments	6/01/2020 On Schedule
M-024-71-T01	Conclude discussions of well commitments initiated under M-024-58	8/1/2020 On Schedule
M-085-72	Submit RAWP to implement the approved Action Memorandum for 224-B	9/30/2020 Completed 09/19/2019
M-085-80	Submit RI/FS Work Plan for 200-CP-1	9/30/2020 At Risk
M-085-100	Submit a RAWP to implement the approved Action Memorandum for 224-T	9/30/2020 On Schedule
M-037-10	Complete Unit-Specific closure requirements for six TSD units	9/30/2020 In Abeyance

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Fiscal Year 2021		
M-015-112	Submit RFI/CMS & RI/FS Work Plan for 200-IS-1 Work Plan to Ecology	11/30/2020 At Risk
M-016-110-T02	Take Actions Such that Hexavalent Chromium Meets Drinking Water Standards	12/31/2020 On Schedule
M-016-119-T01	Operational System in Place to Contain GW Plumes in 200 NPL Area	12/31/2020 On Schedule
M-024-71	Complete the Construction of All Wells Listed for CY20 and Before	12/31/20 On Schedule
M-016-250F	Submit to ECY a 3-Year Rolling Prioritized Schedule to Implement Waste Site Removal Actions	03/31/2021 On Schedule
M-024-58N	Initiate Discussions of Well Commitments	06/01/2021 On Schedule
M-024-72-T01	Conclude discussions of well commitments initiated under M-024-58 by August 1, 2021.	08/01/2021 On Schedule
M-016-85A	Complete Remote Excavation of 300-296 Waste Site	9/30/2021 On Schedule
M-016-86	Complete remedial actions for 618-11 Burial Ground	9/30/2021 At Risk
M-085-90	Submit RI/FS Work Plan for 200-CR-1	9/30/2021 At Risk
Fiscal Year 2022		
M-015-84	Complete RI of 200-WA-1 and 200-BC-1 Waste Sites in Accordance with RI/FS Work Plan	12/31/2021 Dispute Resolution
M-024-72	Complete the Construction of All Wells Listed for CY21 and Before	12/31/2021 On Schedule
M-016-250G	Submit to ECY a 3-Year Rolling Prioritized Schedule to Implement Waste Site Removal Actions	03/31/2022 On Schedule
M-024-58O	Initiate Discussions of Well Commitments	06/01/2022 On Schedule
M-024-73-T01	Conclude discussions of well commitments initiated under M-024-58 by August 1, 2022.	08/01/2022 On Sch
M-037-13	Complete unit-specific closure requirements for 241-CX Tank System (241-CX-70/71/72)	9/30/2022 In Abeyance
Fiscal Year 2023		
M-015-92B	Submit RFI/CMS, RI/FS Study report and Proposed CAD/PP for 200-EA-1	11/30/2022 At Risk
M-024-73	Complete the Construction of All Wells Listed for CY22 and Before	12/31/2022 On Schedule
M-015-93B	Submit RFI/CMS & RI/FS Study Report and proposed CAD/PP for 200-SW-2 OU	1/31/2023 At Risk

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M-015-92C	Submit RFI/CMS & RI/FS Study report and proposed CAD/PP for the 200-IS-1 OU to Ecology	3/31/2023 At Risk
M-015-38B	Submit FS/PP for 200-CW-1, 200-CW-3 and 200-OA-1 OUs	7/31/2023 At Risk
M-015-91B	Submit FS/PP for the 200-BC-1 and 200-WA-1 OUs to EPA	7/31/2023 Dispute Resolution
M-015-110B	Submit CMS & FS and Proposed CAD/PP for 200-DV-1 OU	9/30/2023 At Risk
Fiscal Year 2024		
M-016-200A	Complete U Plant canyon demolition	9/30/2024 On Schedule
M-037-11	Complete unit-specific closure requirements for 216-B-3 Main Pond System and 216-S-10 Pond and Ditch	9/30/2024 In Abeyance
Fiscal Years 2025-2027		
M-085-76	Initiate response actions for the B Plant geographic area	9/30/2025 On Schedule
M-085-84	Initiate response actions for the PUREX geographic work	9/30/2025 On Schedule
M-085-01	Submit change package to establish a date for major milestone M-085-00	6/30/2026 On Schedule
M-015-00	Complete the RI/FS (or RFI/CMS) Process for All Non-Tank Farm Operable Units	6/30/2026 On Schedule
M-016-200B	Complete U Plant barrier construction	9/30/2027 On Schedule

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Documents Submitted to the AR

Number	Title	Referencing Document
SGW-62461_R0	200 West Pump and Treat Historical Modeling Summary	DOE/RL-2009-124_R6_DA
SGW-64218-VA_R0	200-ZP-1 Optimization Study - Groundwater Monitoring Plan	TPA change notice
CP-49279 Rev. 0	Central Plateau Waste Site Dimensions	SGW-61595_R1
09-SED-0003	Request for Approval of Use of Authorized Limits for Regeneration of Ion Exchange Resin and Granular Activated Carbon	DOE/RL-2009-124_R6_DA
SGW-58972-VA_R0	200 West Pump and Treat 1st Quarter 2015 Briefing	DOE/RL-2009-124_R6_DA
SGW-63743_R0	Predicated Impact of Future Water-Level Declines on Groundwater Well Longevity within the Central Plateau, Hanford Site	DOE/RL-2019-66
SGW-63807_R0	Cessation of Oxidation Reduction Measurements	DOE/RL-2009-124_R6_DA
SGW-63968_R0	Implementation Plan for Layup of biological Treatment Facilities at the 200West Pump and Treat	DOE/RL-2009-124_R6_DA
SGW-61226_R0	Description of Work for the Installation Twenty-Eight Shallow Characterization Boreholes in the 200-DV-1 Operable Unit	SGW-62096_R1
SGW-62009_R0	Borehole Summary Report for Twenty-eight Shallow Characterization Boreholes in the 200-DV-1 Operable Unit	SGW-62096_R1
DOE/RL-2009-77_R1	Interim Status Groundwater Quality Assessment Plan for the Single-Shell Tank Waste Management Area C	DOE/RL-2019-65
DOE/RL-2009-73_R1	Interim Status Groundwater Quality Assessment Plan for the Single-Shell Tank Waste Management Area S-SX	DOE/RL-2019-65
DOE/RL-2009-66_R2	Interim Status Groundwater Quality Assessment Plan for the Single-Shell Tank Waste Management Area T	DOE/RL-2019-65
DOE/RL-2009-67_R2	Interim Status Groundwater Quality Assessment Plan for the Single-Shell Tank Waste Management Area TX-TY	DOE/RL-2019-65
DOE/RL-2009-74_R2	Interim Status Groundwater Quality Assessment Plan for the Single-Shell Tank Waste Management Area U	DOE/RL-2019-65

Approved Change Notices

Number	Title	Referencing Document
TPA-CN-0875	DOE/RL-2009-115, Performance Monitoring Plan for the 200-ZP-1 Groundwater Operable Unit Remedial Action, Revision 2	DOE/RL-2009-115_R2
TPA-CN-0876	DOE/RL-2010-72, Sampling and Analysis Plan for Remediation Wells in the 200-ZP-1 Operable Unit, Revision 2	DOE/RL-2010-72_R2
TPA-CN-0878	DOE/RL-2014-51, Sampling and Analysis Plan for 200- DV-1 Operable Unit Perched Water Pumping/Pore Water Extraction, Revision 0	DOE/RL-2014-51_R0
TPA-CN-0879	DOE/RL-2013-52, Sampling and Analysis Plan for Perched Water Wells C8914 and C8915 in the 200-DV-1 Operable Unit, Revision 0	DOE/RL-2013-52_R0
TPA-CN-0880	DOE/RL-2014-34, Action Memorandum for the 200- DV-1 Operable Unit Percched Water Pumping/Pore Water Extraction, Revision 0	DOE/RL-2014-34_R0

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TPA-CN-0881	DOE/RL-2014-37, Removal Action Work Plan for 200-DV-1 Operable Unit Perched Water Pumping/Pore Water Extraction, Revision 0	DOE/RL-2014-37_R0
TPA-CN-0882	DOE/RL-2016-22, Waste Management Plan for Perched Water Pumping/Pore Water Extraction, 2200-DV-1 Operable Unit, Revision 0	DOE/RL-2016-22_R0

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OPEN ACTION ITEM TRACKING

Action #	Action/Subject	Assigned To	Owed To	Assigned Date	Original Due Date	Adjusted Due Date	Status
192	Provide draft update to the TPA schedule for primary documents to account for reasonable review times and additional legal reviews	Marty Doornbos	Kathy Higgins	11/21/19	12/24/19		Complete. Email from Marty Doornbos to Kathy Higgins 12-30-2019.