

200 AREA PROJECT MANAGERS MEETING (PMM) JANUARY 18, 2024

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

Contractor for the U.S. Department of Energy
under Contract 89303320DEM000030



**P.O. Box 1464
Richland, Washington 99352**

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C. C. AROLA
Central Plateau Cleanup Company LLC (CPCCo)

Date Published
January 2024

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**CPCCo**
Central Plateau
Cleanup Company
P.O. Box 1464
Richland, Washington 99352

APPROVED

By Janis Aardal at 2:13 pm, Mar 05, 2024

Release Approval

Date

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Tri-Party Agreement (TPA)
200 AREA PROJECT MANAGERS MEETING
Agenda
January 18, 2024

Milestones and O. U. Status- November – December 2023 Data

- Integrated Disposal Facility (IDF) (Kelly Ebert)
- 200-PW-1/3/6 and 200-CW-5 (Andy Wiborg)
- U Plant Canyon (Andy Wiborg)
- Canyon Facilities (Andy Wiborg)
- 200-CB-1 (B Plant) (Naomi Jaschke)
- 200-CP-1 (PUREX) (John Sands)
- 200-DV-1 (Deep Vadose Zone) (Kate Amrhein)
- 200-EA-1 (Jason Capron)
- 200-IS-1 (Jason Capron)
- 200-SW-2 (Jason Capron)
- 200-SW-1/NRDWL (Andy Wiborg)
- 200-IA-1 (Jason Capron)
- 200-OA-1, Outer Area, 200-CW-1, 200-CW-3 (Andy Wiborg)
- 200-BC-1 and 200-WA-1 (Jason Capron)
- 200-BP-5 and 200-PO-1 (John Virgin)
- 200-UP-1 (Kate Amrhein)
- 200-ZP-1 (Kate Amrhein)
- 200 West Pump & Treat Facility (Kate Amrhein)
- M-024 Well Installation (Kathy Higgins)
- Hanford Annual Groundwater Sampling Program Performance
- Central Plateau 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

Appendix A - Approved Groundwater Sample Event Disposition Concurrence Forms


**200 Area Project Managers Meeting
Attendance List
Joined via Teams
January 18, 2024**

NAME	ORGANIZATION	EMAIL
ALEXANDER, DEB	ECY	DEBRA.ALEXANDER@ECY.WA.GOV
AMRHEIN, KATE	DOE	KATE.AMRHEIN@RL.DOE.GOV
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BRASHER, STEPHANIE	HMIS	STEPHANIE_L_BRASHER@RL.GOV
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CIMON, SHELLEY	ODOH	SCIMON@OREGONTRAIL.NET
EBERT, KELLY	DOE	KELLY.EBERT@RL.DOE.GOV
FADEFF, MCKENZIE	DOE	MCKENZIE.FADEFF@RL.DOE.GOV
FAUGHT, BILL	CPCC	WILLIAM_R_FAUGHT@RL.GOV
HANSON, JIM	DOE	JAMES.HANSON@RL.DOE.GOV
HIGGINS, KATHY	DOE	KATHLEEN.HIGGINS@RL.DOE.GOV
JASCHKE, NAOMI	DOE	NAOMI.JASCHKE@RL.DOE.GOV
LIEBRECHT, TABITHA	ECY	TLIE461@ECY.WA.GOV
MCCARTNEY, ANNE	EPA	MCCARTNEY.ANNE@EPA.GOV
MEDFORD, TIM	DOH	TIM.MEDFORD@DOH.WA.GOV
NELSON, KAITLYN	DOE	KAITLYN.NELSON@RL.DOE.GOV
O'MARA, LAURA	CPCC	LAURA_K_OMARA@RL.GOV
PECK, GEORGE	ECY	GEPE461@ECY.WA.GOV
ROCHETTE, BETH	ECY	BROC461@ECY.WA.GOV
RODRIGUEZ, CARMEN	DOE	CARMEN.RODRIGUEZ@RL.DOE.GOV
SANDS, JOHN	DOE	JOHN.SANDS@RL.DOE.GOV
SCHRAMM, GEOFF	EPA	SCHRAMM.GEOFF@EPA.GOV
VANNAH, BEN	DOE	BENJAMIN.VANNAH@RL.DOE.GOV
VIRGIN, JOHN	DOE	JOHN.VIRGIN@RL.DOE.GOV
WELSCH, KIM	ECY	KIM.WELSCH@ECY.WA.GOV
WIBORG, ANDERS	DOE	ANDERS.WIBORG@RL.DOE.GOV

Tri-Party Agreement (TPA)
200 Area Project Managers Meeting
Meeting Minutes Approval
200 Area Groundwater and Source Operable Units
January 18, 2024

SIGNATURES:

In accordance with the Tri-Party Agreement Section 4.1, Project Manager Role, any agreements and commitments resulting from the meeting will be prepared and signed by all parties as soon as possible after the meeting. The undersigned indicate by their signatures (or their delegate's signature) that these meeting minutes reflect the actual discussion during this meeting. Signatures denote concurrence with the agreements and commitments resulting from this meeting and do not imply agreement with statements made during this meeting. Attachments to these meeting minutes are provided for informational purposes only.

APPROVAL: _____ 200 Area Project Manager, DOE/RL	NAOMI JASCHKE	Digitally signed by NAOMI JASCHKE Date: 2024.02.08 12:40:13 -08'00'
APPROVAL: _____ 200 Area Project Manager, DOE/RL	Kelly A. Ebert	Digitally signed by Kelly A. Ebert Date: 2024.02.16 07:08:15 -08'00'
APPROVAL: _____ 200 Area Project Manager, Ecology		Digitally signed by Welsch, Kim (ECY) Date: 2024.03.05 07:34:45 -08'00'
APPROVAL: _____ 200 Area Project Manager, EPA	CRAIG CAMERON	Digitally signed by CRAIG CAMERON Date: 2024.02.27 10:57:26 -08'00'

Tri-Party Agreement (TPA)
200 AREA PROJECT MANAGERS MEETING
Milestones and O.U. Status
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Integrated Disposal Facility – IDF

Ecology Lead

RL – Kelly Ebert, CPCCo – Tim Wintle

Milestone M-062-57: *Integrated Disposal Facility Operational.*

- Due Date: 9/30/2023, Status: Complete 4/03/2023, reference [DOE letter 23-PFD-000808](#) submitted to Ecology.
- The Parties agree that DOE will need to complete the following to meet this milestone: (milestone M-062-57A), submit permit modification to add secondary waste disposal at IDF and to make permit operational, based on a Performance Assessment and Risk Budget Tool to include Immobilized LAW and secondary waste associated with treating tank waste.
- IDF (Active Life) Operating Permit Class 3 Modification appeal – DOE and ECY agreed to a joint stipulation that narrows the focus of the appeal to the permit conditions associated with the decontamination shower requirement.
- ECY responded to the “demonstration” documentation - determining that DOE and CPCCo “failed to demonstrate that the hazards posed by waste... do not require a decontamination shower.”
- The active life permit became effective as of 9/27/23 and IDF can begin construction of the treatment pad.
- Construction of the treatment pad started, with excavation on 10/16/23. The concrete pour was completed on 12/4/23 and curing began.

Regulatory Agency Comments: None

200-PW-1/3/6 and CW-5

EPA Lead

RL – A. Wiborg, CPCCo – D. Singleton

- Limited funding is provided to support replanning.
- Please note that EPA has not agreed to any delays in this schedule and expects the RD/RAWP 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.
- A limited RD/RAWP revision was completed to update the schedule for the PW-3 and CW-5 remediation scope.

Regulatory Agency Comments: None

U Plant Canyon

EPA Lead

RL – A. Wiborg, CPCCo – TBD “Will be updated when information is available”.

Milestone M-016-200A: *Complete U Plant canyon (221 U facility) demolition.*

- Due Date: 9/30/2024, Status: In Abeyance. Milestone identified to be In Abeyance by Inter-Agency Management Integration Team (IAMIT) Determination [2021-002](#) until such time as the Parties agree to an enforceable date for the milestones or the Adaptive Milestone Approach is discontinued. On 4/27/2022, the Parties approved the *Tentative Agreement on the Negotiation of Hanford Federal Facility Agreement and Consent Order Revisions for Near-Term Milestones for Central Plateau Operable Units*, and the 45-day public comment period concluded 08/19/2022. The Final Approval Package was approved on 1/19/2023. New milestone M-016-200 in approved TPA Change Control Form (CCF) [M-16-22-02](#) requires DOE to submit a draft CCF by 6/30/2024 to re-establish the due date of this milestone.

Milestone M-016-200B: *Complete U Plant (221 U facility) Barrier Construction.*

- Due Date: 9/30/2027, Status: In Abeyance. Milestone identified to be In Abeyance by IAMIT Determination [2021-002](#) until such time as the Parties agree to an enforceable date for the milestones or the Adaptive Milestone

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Approach is discontinued. On 4/27/2022, the Parties approved the *Tentative Agreement on the Negotiation of Hanford Federal Facility Agreement and Consent Order Revisions for Near-Term Milestones for Central Plateau Operable Units*, and the 45-day public comment period concluded 08/19/2022. The Final Approval Package was approved on 1/19/2023. New milestone M-016-200 in approved CCF [M-16-22-02](#) requires DOE to submit a draft CCF by 6/30/2024 to re-establish the due date of this milestone.

Regulatory Agency Comments: None

Canyon Facilities

EPA/Ecology Lead

RL – A. Wiborg, CPCCo –D. Singleton

B Plant:

- Nothing new to report.

REDOX:

- Nothing new to report.

PUREX:

- On 9/15/2023 DOE completed demolition of the 203A/205A tank yard. RCRA sampling for clean closure is on-going and a letter of completion with a facility status change form is being developed.
- A letter of completion that will include the Facility Status Change Form will be drafted and sent.



View of 203A/205A Tank Yard after demolition

Milestone M-085-76: *Initiate Response Actions for B Plant Remedial/Removal Action Work Plan.*

- Due date: **9/30/2025**, Status: On Schedule.

Milestone M-085-84: *Initiate Response Actions for PUREX in accordance with Schedule in Approved Remedial/RAWP.*

- Due date: **9/30/2025**, Status: On Schedule.

Milestone M-085-84B: *Complete Demolition of PUREX Ancillary Facilities 203A Building/Tank Yard and 205A Building.*

- Due date: **9/30/2023**, Status: Completed September 15, 2023.

Milestone M-085-84C: *Complete Infrastructure Upgrades to Support Demolition Preparation of the PUREX Complex.*

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- Due date: **9/30/2024**, Status: On Schedule.

Milestone M-085-84D: *Initiate Utility System Isolations for the PUREX Complex.*

- Due date: **9/30/2025**, Status: On Schedule.

Milestone M-085-86: Submit a Modification to the PUREX RAWP a Schedule for White Powder Removal.

- Due date: **3/30/2025**, Status: On Schedule.

Regulatory Agency Comments: ECY agrees that M-085-84B Milestone has been met but the Facility Status Change form still needs to be signed.

200-CB-1 (B Plant)

Ecology Lead

RL- Naomi Jaschke, CPCCo – Bill Faught

- Nothing new to report. Not funded in FY24.
- Due date: 09/30/2019; Status: In Abeyance. Milestone identified to be In Abeyance by IAMIT Determination [2021-002](#) until such time as the Parties agree to an enforceable date for the milestones or the Adaptive Milestone Approach is discontinued. On 4/27/2022, the Parties approved the *Tentative Agreement on the Negotiation of Hanford Federal Facility Agreement and Consent Order Revisions for Near-Term Milestones for Central Plateau Operable Units*, and the 45-day public comment period concluded 08/19/2022. The Final Approval Package was approved on 1/19/2023. New milestone M-085-71 in approved CCF [M-85-22-02](#) requires DOE to submit a draft CCF by 6/30/2024 to re-establish the due date of this milestone.

Milestone M-037-28: *Submit a Coordinated Closure (CC) Proposal as a permit modification request for TSDs in 221-B Canyon Facility.*

- Due Date: Withing 270 days of the last CAD/ROD signature for the 200-CB-1 OU, but no later than 9/30/2024; Status: On Schedule. Required pursuant to WAC 173-303-830(4). Ecology proposed six M-037 milestone due date changes for “Coordinated Closure” issues. The Coordinated Closure initiative depends on completion of the remedial investigation/feasibility studies (RI/FS) for the past practice units to develop the closure plan documentation. The milestone due date has been changed to establish a due date of “no later than 9/30/2034” to submit the coordinated closure plan to Ecology whether or not the applicable RI/FS is completed by that time (CCF [M-37-22-01](#), approved 6/06/2022).

Regulatory Agency Comments: None

200-CP-1 (PUREX)

Ecology Lead

RL- John Sands, CPCCo– Bill Faught

- Ecology comments on the Draft Rev. 0 RI/FS Work Plan and Milestone M-085-81 were received 11/13/23 and are being dispositioned. Ecology granted an extension to comment resolution through March 29, 2024.

Milestone M-037-29: *Submit Coordinated Closure Proposal as a permit modification request pursuant to WAC 173-303-830(4) for the following TSD Units: PUREX Tunnels 1 and 2 and all TSD Units in the PUREX Canyon Facility.*

- Due Date: Within 270 days of the last CAD/ROD signature for the 200-CP-1 OU, but no later than 9/30/2034; Status: On Schedule. Ecology proposed six M-037 milestone due date changes for “Coordinated Closure” issues. The Coordinated Closure initiative depends on completion of the RI/FS for the past practice units to develop the closure plan documentation. The milestone due date has been changed to establish a due date of “no later than

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9/30/2034” to submit the coordinated closure plan to Ecology whether or not the applicable RI/FS is completed by that time (CCF [M-37-22-01](#) approved 6/06/2022).

Regulatory Agency Comments: None

200-DV-1

Ecology Lead

RL –Kate Amrhein, CPCCo – Mark Byrnes

- Experiments testing different technologies for deployment in the vadose zone, perched water, or as a permeable reactive barrier at the water table below 200-DV-1 OU continue.
- Initial results for technologies in decision point 1 (35% immobilization) have come in and are being analyzed by project team.

Milestone 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: In Abeyance. Milestone identified to be In Abeyance by IAMIT Determination [2021-002](#) until such time as the Parties agree to an enforceable date for the milestones or the Adaptive Milestone Approach is discontinued. On 4/27/2022, the Parties approved the *Tentative Agreement on the Negotiation of Hanford Federal Facility Agreement and Consent Order Revisions for Near-Term Milestones for Central Plateau Operable Units*, and the 45-day public comment period concluded 08/19/2022. The Final Approval Package was approved on 1/19/2023. New milestone M-015-118 in approved CCF [M-15-22-02](#) requires DOE to submit a draft CCF by 6/30/2024 to re-establish the due date of this milestone.

The volume of groundwater treated, and mass of constituents extracted from 200-DV-1 Perched Water during November - December 2023

Month	Volume (gal)	Uranium (kg)	Technetium-99 (Ci)
November	25,000	4.2	2.7×10^{-3}
December	26,000	4.2	2.6×10^{-3}

Note - numbers shown are estimates; actual numbers are reported in the annual P&T reports.

Cumulative values of the volume of groundwater treated and mass of constituents extracted from 200-DV-1 Perched Water

	Volume (gal)	Uranium (kg)	Technetium-99 (Ci)
Cumulative FY2024	75,000	14.4	11.5×10^{-3}
Cumulative (2017 to current)	2,1715,000	443.63	3.31×10^{-1}

Note - Numbers shown are estimates; actual numbers are reported in the annual P&T reports.

Note – Values include treatability test extraction and removal action extraction.

Note - Interpolated data method was used to recalculate mass constituents extracted and volume of groundwater treated

Regulatory Agency Comments: None

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200-EA-1

Ecology Lead

RL- Jason Capron, CPCCo – Bill Faught

- Preparations to redraft the 200-EA-1 RI/FS work plan to incorporate RASCAL agreement elements started in July 2021. DQO sessions with Ecology and EPA were held in September 2022. The document is being revised to a Draft B. CPCCo has completed internal review and comment disposition. DOE comments on the Decisional Draft B were received December 21, 2023.

Milestone 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: In Abeyance. Milestone identified to be In Abeyance by IAMIT Determination [2021-002](#) until such time as the Parties agree to an enforceable date for the milestones or the Adaptive Milestone Approach is discontinued. On 4/27/2022, the Parties approved the *Tentative Agreement on the Negotiation of Hanford Federal Facility Agreement and Consent Order Revisions for Near-Term Milestones for Central Plateau Operable Units*, and the 45-day public comment period concluded 08/19/2022. The Final Approval Package was approved on 1/19/2023. New milestone M-015-118 in approved CCF [M-15-22-02](#) requires DOE to submit a draft CCF by 6/30/2024 to re-establish the due date of this milestone.

Milestone M-037-20: *Submit Coordinated Closure Proposal for 4 Specified TSDs if Requesting Use of Alternative Closure Requirements*

- Due date: Submit concurrently with M-015-92B (currently In Abeyance).

Milestone M-037-21: *Submit Coordinated Closure Proposal as a permit modification request pursuant to WAC 173-303-830(4) for the following TSD Units: 216-A-29 Ditch, 216-A-36B Crib, 216-A-37-1 Crib, and 216-B-63 Trench.*

- Due Date: Within 270 days of the last CAD/ROD signature for the 200-EA-1 OU, but no later than 9/30/2034.
- Status: On Schedule. Ecology proposed six M-037 milestone due date changes for “Coordinated Closure.” The Coordinated Closure initiative depends on completion of the RI/FS for the past practice units to develop the closure plan documentation. The milestone due date has been changed to establish a due date of “no later than 9/30/2034” to submit the coordinated closure plan to Ecology whether or not the applicable RI/FS is completed by that time (CCF [M-37-22-01](#) approved 6/06/2022).

Regulatory Agency Comments: None

200-IS-1

Ecology Lead

RL- Jason Capron, CPCCo – Dave Becker

- Nothing new to report. Not funded in FY24.

Milestone 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: 11/30/2020, Status: In Abeyance. Milestone identified to be In Abeyance by IAMIT Determination [2021-002](#) until such time as the Parties agree to an enforceable date for the milestones or the Adaptive Milestone Approach is discontinued. On 4/27/2022, the Parties approved the *Tentative Agreement on the Negotiation of Hanford Federal Facility Agreement and Consent Order Revisions for Near-Term Milestones for Central Plateau Operable Units*, and the 45-day public comment period concluded 08/19/2022. The Final Approval Package was approved on 1/19/2023. New milestone M-015-92F in approved CCF [M-15-22-02](#) requires DOE to submit a draft CCF by 6/30/2024 to re-establish the due date of this milestone.

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Milestone M-015-92C: *Submit the RFI/CMS & RI/FS Report and Proposed Corrective Action Decision/Proposed Plan for the 200-IS-1 OU to Ecology.*

- Due date: 3/31/2023, Status: In Abeyance. Milestone identified to be In Abeyance by IAMIT Determination [2021-002](#) until such time as the Parties agree to an enforceable date for the milestones or the Adaptive Milestone Approach is discontinued. On 4/27/2022, the Parties approved the *Tentative Agreement on the Negotiation of Hanford Federal Facility Agreement and Consent Order Revisions for Near-Term Milestones for Central Plateau Operable Units*, and the 45-day public comment period concluded 08/19/2022. The Final Approval Package was approved on 1/19/2023. New milestone M-015-118 in approved CCF [M-15-22-02](#) requires DOE to submit a draft CCF by 6/30/2024 to re-establish the due date of this milestone.

Milestone M-037-25: *Submit CCP for Inactive SST Components Outside WMAs if Requesting Alternative Closure Requirements.*

- Due date: Submit concurrently with M-015-92C (currently In Abeyance)

Milestone M-037-24: *Submit Coordinated Closure Proposal as a permit modification request pursuant to WAC 173-303-830(4) for the following TSD Units: 241-CX Tank System (CX-70, CX-71, and CX-72) and Inactive SST Components outside the WMAs.*

- Due Date: Within 270 days of the last CAD/ROD signature for the 200-IS-1 OU, but no later than 9/30/2034. Status: On Schedule. Ecology proposed six M-037 milestone due date changes for “Coordinated Closure.” The Coordinated Closure initiative depends on completion of the RI/FS for the past practice units to develop the closure plan documentation. The milestone due date has been changed to establish a due date of “no later than 9/30/2034” to submit the coordinated closure plan to Ecology whether or not the applicable RI/FS is completed by that time (CCF [M-37-22-01](#) approved 6/06/2022).

Regulatory Agency Comments: None

200-SW-2

Ecology Lead

RL- Jason Capron, CPCCo – Dave Becker

- Nothing new to report. Not funded in FY24.

Milestone M-015-93C: *Initiate Characterization Field Work for 200-SW-2 Operable Unit Landfills.*

- Due date: 09/30/2018, Status: In Abeyance. Milestone identified to be In Abeyance by IAMIT Determination [2021-002](#) until such time as the Parties agree to an enforceable date for the milestones or the Adaptive Milestone Approach is discontinued. On 4/27/2022, the Parties approved the *Tentative Agreement on the Negotiation of Hanford Federal Facility Agreement and Consent Order Revisions for Near-Term Milestones for Central Plateau Operable Units*, and the 45-day public comment period concluded 08/19/2022. The Final Approval Package was approved on 1/19/2023. New milestone M-015-118 in approved CCF [M-15-22-02](#) requires DOE to submit a draft CCF by 6/30/2024 to re-establish the due date of this milestone.

Milestone M-015-93B: *Submit RFI/CMS & RI/FS Report and Proposed CAD/PP for 200-SW-2 OU.*

- Due date: 01/31/2023, Status: In Abeyance. Milestone identified to be In Abeyance by IAMIT Determination [2021-002](#) until such time as the Parties agree to an enforceable date for the milestones or the Adaptive Milestone Approach is discontinued. On 4/27/2022, the Parties approved the *Tentative Agreement on the Negotiation of Hanford Federal Facility Agreement and Consent Order Revisions for Near-Term Milestones for Central Plateau Operable Units*, and the 45-day public comment period concluded 08/19/2022. The Final Approval Package was approved on 1/19/2023. New milestone M-015-118 in approved CCF [M-15-22-02](#) requires DOE to submit a draft CCF by 6/30/2024 to re-establish the due date of this milestone.

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Milestone M-037-26: *Submit CCP for Green Island TSDs in LLBG if Requesting Use of Alternative Closure Requirements.*

- Due date: Submit concurrently with M-015-93B (currently In Abeyance).

Milestone M-037-27: *Submit Coordinated Closure Proposal as a permit modification request pursuant to WAC 173-303-830(4) for the following TSD Units: Low-Level Burial Grounds Green Islands*

- Due Date: Within 270 days of the last CAD/ROD signature for the 200-SW-2 OU, but no later than 9/30/2034. Status: On Schedule. Ecology proposed six M-037 milestone due date changes for “Coordinated Closure” issues. The Coordinated Closure initiative depends on completion of the RI/FS for the past practice units to develop the closure plan documentation. The milestone due date has been changed to establish a due date of “no later than 9/30/2034” to submit the coordinated closure plan to Ecology whether or not the applicable RI/FS is completed by that time (CCF [M-37-22-01](#) approved 6/06/2022).

Regulatory Agency Comments: None

200-SW-1/NRDWL

Ecology Lead

RL- A. J. Wiborg, CPCCo- Bob Bullock

- The 60% design for the NRDWL cover is complete.
- DOE provided a copy of the Functional Design Criteria for the Final Cover for the SWL and NRDWL (SGW-46275 Revision 1) to Ecology for document review.
- Ecology submitted a draft CCF to DOE-RL for review on 1/10/2023, which proposes two new TPA interim milestones to complete the permit application for closure of the Non-Radioactive Dangerous Waste Landfill (NRDWL), including the contiguous Solid Waste Landfill. DOE reviewed the draft CCF and submitted the draft to Ecology for review on 2/28/2023 (90% design).
- Ecology provided revised draft CCF TPA milestone language to DOE on 3/17/2023. DOE will be briefing Brian Vance during the week of April 25, 2023, for consideration and possible approval.
- On 4/25/2023, RL and Ecology approved TPA Change Control Form M-16-23-01, which created two new TPA interim Milestones M-016-210 and M-016-211 for submittal of permit modification requests for closure of NRDWL, including the contiguous SWL.
- Drafted Final Status closure plan for NRDWL per agreement and in coordination with TPA Milestones M-016-210 and M-016-211. Met with Ecology on 8/10/23 to review remaining changes being made to address Ecology concerns. The plan was certified, and copies sent to Ecology at sitewidemods@ecy.wa.gov on October 4, 2023 for inclusion in the Rev 9A draft.
- The section on soil gas monitoring is “RESERVED”. Ecology will internally discuss the current soil gas monitoring at locations around the perimeter of SWL. The soil gas monitoring at NRDWL ended with the conclusion of the NRDWL soil gas study in 1997.

Milestone M-016-210: *Submit PMR with 90% Design for Final Landfill Cover, Including Closure Schedule for NRDWL and SWL.*

- Due date: 08/31/2026, Status: On Schedule.

Milestone M-016-211: *Submit PMR with Updated Post-Closure Plan, Including Groundwater Monitoring Plan for NRDWL and SWL.*

- Due date - 180 days after Ecology's approval of the 90% cover design submitted in Milestone M-016-210; Status: On Schedule.

Regulatory Agency Comments: None

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200-IA-1

EPA and Ecology Joint Lead
 RL- Jason Capron, CPCCo – Dave Becker

- The Focused Feasibility Study (FFS) for the 200-IA-1 OU was transmitted to EPA and Ecology as Draft A on March 25, 2022. EPA and Ecology reviewed the Draft A document; EPA transmitted review comments on April 21, 2022, and Ecology transmitted review comments on April 28, 2022. On June 2, 2022, as a result of comments received preparation of the FFS and Proposed Plan was paused to facilitate planning for supplemental characterization of representative sites.
- Approved Rev. 0, 200-IA-1 OU Supplemental Characterization Sampling and Analysis Plan (SAP) was transmitted on January 2, 2024.
- Rev. 0, 200-IA-1 OU Waste Control Plan (WCP) now being finalized.
- Field work for supplemental characterization SAP execution is planned for early spring.

Regulatory Agency Comments: None

200-OA-1, Outer Area, 200-CW-1, and 200-CW-3

EPA Lead
 RL- A. Wiborg, CPCCo – Bill Faught, Paul Branson

Milestone M-016-202: *Complete response actions (confirmatory sampling and remove treat dispose, as required) for 10 waste sites in the Outer Area and confirmatory sampling for an additional 5 waste sites in the Outer Area.*

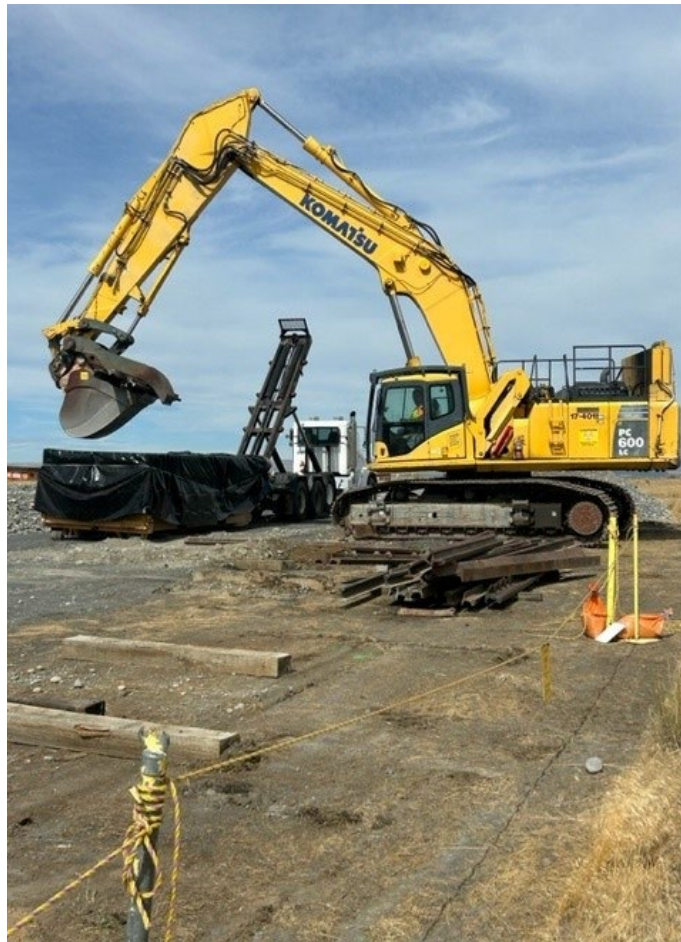
- Due Date: 9/30/2024; Status: On Schedule.
- Waste site reclassification paperwork is in process for all waste sites under this Task Order excluding 600-391, 600-362, 600-363, and 600-392.
- The Waste Site Reclassifications Forms for 600-227 and 200-E-46 have been signed by DOE and EPA.
- The Remaining Sites Verification Packages 600-227 and 200-E-46 are in final tech edit and formatting.
- The 8 samples, for 600-387, rejected by third-party validation due to the qualifiers were reevaluated by the lab and were assigned a different qualifier. The samples are back in validation.
- Conversations with HMIS cultural, DOE, and DOE Cultural are still taking place regarding further remediation actions at waste site 600-391.
- The cultural and ecological clearance letter for 600-362, 600-363 and 600-392 waste sites are still being worked on by HMIS. Cultural review came out of 30-day review on November 2nd. Comments being worked on by DOE Cultural.

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Completed 600-391 Poly 2 Remediation

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Rail loadout at waste site 600-387



600-387 Sampling

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600-355 Backfill



600-361 Backfill

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600-387 Backfill Stockpiles

Milestone 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: In Abeyance. Milestone identified to be In Abeyance by IAMIT Determination [2021-002](#) until such time as the Parties agree to an enforceable date for the milestones or the Adaptive Milestone Approach is discontinued. On 4/27/2022, the Parties approved the *Tentative Agreement on the Negotiation of Hanford Federal Facility Agreement and Consent Order Revisions for Near-Term Milestones for Central Plateau Operable Units*, and the 45-day public comment period concluded 08/19/2022. The Final Approval Package was approved on 1/19/2023. New milestone M-015-119 in approved CCF [M-15-22-02](#) requires DOE to submit a draft CCF by 6/30/2024 to re-establish the due date of this milestone.

Milestone M-037-22: *Submit CC Proposal for 2 Specified TSDs if Requesting Use of Alternative Closure Requirements.*

- Due Date: Submit concurrently with M-015-38B (currently In Abeyance).

Milestone M-037-23: *Submit Coordinated Closure Proposal as a permit modification request pursuant to WAC 173-303-830(4) for the following TSD Units: 216-B-3 Main Pond system and 216-S-10 Pond and Ditch.*

- Due Date: Within 270 days of the last CAD/ROD signature for the 200-OA-1 OU, but no later than 9/30/2034; Status: On Schedule.
- Ecology proposed six M-037 milestone due date changes for “Coordinated Closure.” The Coordinated Closure initiative depends on completion of the RI/FS for the past practice units to develop the closure plan documentation. The milestone due date has been changed to establish a due date of “no later than 9/30/2034” to submit the coordinated closure plan to Ecology whether or not the applicable RI/FS is completed by that time (CCF [M-37-22-01](#) approved 6/06/2022).

Regulatory Agency Comments: Ecology asking about doing a cost of removing railroad lines for future use.

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200-BC-1 and 200-WA-1

EPA Lead

RL- J. Capron, CPCCo – Bill Faught

- Revisions to the 200-WA-1 RI/FS and 200-BC-1 work plan incorporating the RASCAL approach and addressing other work plan changes was initiated on October 1, 2020, and will continue through FY-24. The Rev. 1, Draft A work plan was transmitted to EPA for review on August 28, 2023. EPA review is complete and RCR comment dispositions are accepted. Document is in clearance and finalization as Rev. 1.

Milestone 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: In Abeyance. Milestone identified to be In Abeyance by IAMIT Determination [2021-002](#) until such time as the Parties agree to an enforceable date for the milestones or the Adaptive Milestone Approach is discontinued. On 4/27/2022, the Parties approved the *Tentative Agreement on the Negotiation of Hanford Federal Facility Agreement and Consent Order Revisions for Near-Term Milestones for Central Plateau Operable Units*, and the 45-day public comment period concluded 08/19/2022. The Final Approval Package was approved on 1/19/2023. New milestone M-015-119 in approved CCF [M-15-22-02](#) requires DOE to submit a draft CCF by 6/30/2024 to re-establish the due date of this milestone.

Milestone 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: In Abeyance. Milestone identified to be In Abeyance by IAMIT Determination [2021-002](#) until such time as the Parties agree to an enforceable date for the milestones or the Adaptive Milestone Approach is discontinued. On 4/27/2022, the Parties approved the *Tentative Agreement on the Negotiation of Hanford Federal Facility Agreement and Consent Order Revisions for Near-Term Milestones for Central Plateau Operable Units*, and the 45-day public comment period concluded 08/19/2022. The Final Approval Package was approved on 1/19/2023. New milestone M-015-119 in approved CCF [M-15-22-02](#) requires DOE to submit a draft CCF by 6/30/2024 to re-establish the due date of this milestone.

Milestone 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: In Abeyance. Milestone identified to be In Abeyance by IAMIT Determination [2021-002](#) until such time as the Parties agree to an enforceable date for the milestones or the Adaptive Milestone Approach is discontinued. On 4/27/2022, the Parties approved the *Tentative Agreement on the Negotiation of Hanford Federal Facility Agreement and Consent Order Revisions for Near-Term Milestones for Central Plateau Operable Units*, and the 45-day public comment period concluded 08/19/2022. The Final Approval Package was approved on 1/19/2023. New milestone M-015-119 in approved CCF [M-15-22-02](#) requires DOE to submit a draft CCF by 6/30/2024 to re-establish the due date of this milestone.

Milestone M-015-91B: *Submit FS/PP for the 200-BC-1/200-WA-1 OUs to EPA.*

- Due date 07/31/2023, Status: In Abeyance. Milestone identified to be In Abeyance by IAMIT Determination [2021-002](#) until such time as the Parties agree to an enforceable date for the milestones or the Adaptive Milestone Approach is discontinued. On 4/27/2022, the Parties approved the *Tentative Agreement on the Negotiation of Hanford Federal Facility Agreement and Consent Order Revisions for Near-Term Milestones for Central Plateau Operable Units*, and the 45-day public comment period concluded 08/19/2022. The Final Approval Package was approved on 1/19/2023. New milestone M-015-119 in approved CCF [M-15-22-02](#) requires DOE to submit a draft CCF by 6/30/2024 to re-establish the due date of this milestone.

Regulatory Agency Comments: None

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200-BP-5 and 200-PO-1

Ecology Lead

RL – J. Virgin, CPCCo – Bill Faught

- The Performance Monitoring Plan (PMP) (DOE/RL-2020-41-ADD1)/Sampling and Analysis Plan (SAP) (-ADD3), Hydrologic Test Plan (HTP)-ADD4 and the Remedial Design Report (RDR)-ADD5 are being developed as addenda to the RD/RA work plan (DOE/RL-2020-41).
- The Draft A PMP and SAP are with DOE to transmit to Agencies.
- A revision to the 200 West Pump and Treat Facility O&M Plan was drafted as a change notice (5B). The change notice incorporates interim remedial action modifications and additions to the B Complex and C/A-AX Farms and integration with the new ion exchange treatment train for Tc-99 at 200 W P&T. The document is with DOE for final approval of comment dispositions.
- Work on the Remedial Design Report (RDR, ADD 5) began in mid-November 2022 and is in Tech edit to issue the Decisional Draft to DOE.
- Work on the HTP (ADD 4) DOE comments continues.
- Extraction well 299-E27-157 in 200-BP-5, near the C Farm, has been drilled and constructed as of October 24, 2023 and awaiting connection to the P&T Network. Well drilling at 299-E27-240 near the A-AX Farms in 200-PO-1 has advanced to about 170 feet bgs.

**The volume of groundwater treated, and mass of constituents extracted from 200-BP-5 during
November - December 2023**

Month	Volume (mgal)	Cyanide (kg)	Uranium (kg)	Technetium-99 (Ci)	Iodine-129 (Ci)*
November	6.97	3.60	1.9	8.57×10^{-2}	3.58×10^{-5}
December	7.28	3.79	2.0	9.01×10^{-2}	3.76×10^{-5}

Note – values shown are accumulated and reported in the annual P&T reports.

* Removed from the aquifer, but not treated before injection into the 200 West aquifer with the 200 West P&T treated effluent.

Cumulative volume of treated groundwater and mass of constituents extracted from 200-BP-5

	Volume (mgal)	Cyanide (kg)	Uranium (kg)	Technetium-99 (Ci)	Iodine-129 (Ci)*
Cumulative CY2024	80.77	32.77	22.53	9.63×10^{-1}	5.34×10^{-4}
Cumulative (2015 to current)	580.5	371.37	253.1	9.17	4.50×10^{-3}

Note – values include treatability test extraction and removal action extraction.

Note- Interpolated data method was used to recalculate mass constituents removed and volume of groundwater treated.

* Removed from the aquifer, but not treated before injection into the 200 West aquifer with the 200 West P&T treated effluent.

Regulatory Agency Comments: None

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200-UP-1

EPA Lead

RL – Kate Amrhein, CPCCo – Bill Faught

- Draft A of the I-129 Technical Impracticability Evaluation was sent to RL and EPA on November 1, 2022, and their comments arrived on January 4, 2023, and have been addressed. The dispositions were sent to EPA for review on April 27, 2023. The revisions were made to Draft A and further progress is on hold pending a schedule for a final ROD.
 - Drilling of replacement monitoring well 699-35-70B (for upgradient ERDF well 699-36-70A) began 6/5/2023; temporary casing is stuck at about 313 feet bgs, and the plan is to abandon the well location.
 - Well 699-35-70C (south of 699-35-70B) was completed on 12/18/2023. A TPA-CN for the ERDF groundwater protection plan to replace 35-70B with 35-70A is underway.
- Replacement well 299-W19-136 (for 299-W19-43 near U Plant) began drilling on 12/13/2023; current depth 160 ft; target depth 438 ft. Revised drilling SAP for 200-UP-1 being prepared with internal review planned for late January 2024.
- Approximately 108 million gallons of groundwater were pumped from the UP-1 extraction wells in calendar year 2023 as part of the remedial action.

The volume of groundwater treated, and mass of constituents extracted from 200-UP-1 during November - December 2023

Month	Volume (Mgal)	Carbon Tetrachloride (kg)	Chromium (kg)	Uranium (kg)	Nitrogen in NO ₃ (kg)*	Nitrate (kg)*	Iodine-129 (Ci)*	Technetium-99 (Ci)	Cyanide (kg)
November	8.9	1.17	0.29	0.98	240	1,063	2.77E-05	2.0E-02	NR
December	9.6	1.32	0.31	1.03	262	1,159	2.97E-05	2.1E-02	NR

Cumulative values of the volume of groundwater treated and mass of constituents extracted from 200-UP-1

	Volume (Mgal)	Carbon Tetrachloride (kg)	Chromium (kg)	Uranium (kg)	Nitrogen in NO ₃ (kg)*	Nitrate (kg)*	Iodine-129 (Ci)*	Technetium-99 (Ci)	Cyanide (kg)
Cumulative FY2024	28.2	3.81	0.92	3.11	766	3,391	8.87E-05	6.4E-02	NR
Cumulative (2012 to current)	1,095	284.08	72.29	96.34	53,837**	238,218**	3.15E-03	5.82	NR

Note - numbers shown are estimates; actual numbers are reported in the annual P&T reports.

Note- Interpolated data method was used to recalculate mass constituents extracted and volume of groundwater treated Note – values include available data from extraction before 200W Pump & Treat operation.

* Removed from the aquifer, but not treated before injection into the 200 West aquifer with the 200 West P&T treated effluent

** Represents the total nitrate mass in extracted groundwater by the 200-UP-1 remedial action. Nitrate treatment was suspended in October 2019 for the 200-ZP-1 OU Optimization Study. Prior to suspension of biological treatment, a total of 132,308 kg of nitrate (29,888 kg nitrogen in NO₃) was removed from groundwater extracted from the 200-UP-1 OU.

Treatment efficiencies carbon tetrachloride, chromium, uranium, and technetium-99 reflected above, which were reduced for chromium following suspension of biological treatment.

NR = not reported

Regulatory Agency Comments: None

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200-ZP-1

EPA Lead

RL – Kate Amrhein, CPCCo – Mark Byrnes

- Continued implementing the Optimization Study Plan (DOE/RL-2019-38, Rev. 0) to collect the data needed to evaluate remedy performance enhancements and remedy configuration changes associated with P&T operations.
- Completed construction of extraction wells 299-W11-107/D0369 and 699-40-70A/D0141. Continued construction of extraction wells 299-W14-30/D0137 and 299-W14-32/D0139. Continued drilling of extraction well 299-W14-28/D0135.
- Completed the installation of new monitoring well 299-W11-98/C9739.
- Sampling for total and free cyanide continues at monthly and quarterly frequencies at wells within the BP-5 and ZP-1 OUs and at the 200 West P&T.
- The 200-ZP-1 extraction well pumping continued at an average flow rate of approximately 2,057 and 1,982 gpm for November and December, respectively.

**The volume of groundwater treated, and mass of constituents extracted from 200-ZP-1 during
November - December 2023**

	Volume (Mgal)	Carbon Tetrachloride (kg)	Trichloro- ethylene (kg)	Chromium (kg)	Nitrogen in NO ₃ (kg)*	Nitrate (kg)*	Technetium- 99 (Ci)	Iodine- 129 (Ci)*	Cyanide (kg)
November	89	93.55	0.77	8.640	7,717	38,393	0.075	2.5x10 ⁻⁴	0.49
December	88	96.8	0.80	8.907	9,040	39,276	0.077	2.5x10 ⁻⁴	0.51

Note - numbers shown are estimates; actual numbers are reported in the annual P&T reports.

* Removed from the aquifer, but not treated before injection into the 200 West aquifer with the 200 West P&T treated effluent

Cumulative values of the volume of groundwater treated and mass of constituents extracted from 200-ZP-1

	Volume (Mgal)	Carbon Tetrachloride (kg)	Trichloro- ethylene (kg)	Chromium (kg)	Nitrogen in NO ₃ (kg)*	Nitrate (kg)*	Technetium- 99 Removed (Ci)	Iodine-129 Removed (Ci)*	Cyanide (kg)
Cumulative FY2024	270	285.7	2.35	26.569	9,040	117,689	0.1863	7.6x10 ⁻⁴	1.5
Cumulative (2012 to current)	9988	22,213	143.14	547.20	1,291,364**	5,794,295**	5.97	2.4x10 ⁻²	75.98

Note - numbers shown are estimates; actual numbers are reported in the annual P&T reports.

Note- Interpolated data method was used to recalculate mass constituents extracted and volume of groundwater treated. Note – values include available data from extraction before 200W Pump & Treat operation.

* Removed from the aquifer, but not treated before injection into the 200 West aquifer with the 200 West P&T treated effluent

** Represents the total nitrate mass in extracted groundwater by the 200-ZP-1 remedial action. Nitrate treatment was suspended in October 2019 for the 200-ZP-1 OU Optimization Study. Prior to suspension of biological treatment, a total of 1,951,516 kg of nitrate (440,522 kg nitrogen in NO₃) was removed from groundwater extracted from the 200-ZP-1 OU.

Regulatory Agency Comments: None

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200 West Pump & Treat Facility

EPA Lead

RL – Kate Amrhein, CPCCo – Mark Byrnes

- Pumping continued at the 200 West P&T and flows currently average 2,444 gpm.
- BP-5/PO-1 Tc-99 IX Train: continued to form and pour foundations/pedestals for tank/pump/auxiliary equipment. Continued to rough-in the mechanical/piping and electrical/instrumentation for both train #1 and 2.

**The volume of groundwater treated, and mass of constituents removed by the 200 West P&T Facility during
November - December 2023**

Month	Treated (mgal)	Carbon Tetrachloride Removed (kg)	Trichloroethylene Removed (Kg)	Chromium Removed (kg)	Tc-99 Removed (Ci)	Cyanide Removed (Kg)	Uranium Removed (kg)
November	104.74	94.60	0.67	0.66	1.41E-01	3.72	6.78
December	105.34	97.99	0.70	0.90	1.47E-01	3.92	6.99

Note - numbers shown are estimates; actual numbers are reported in the annual P&T reports.

Note – I-129 not included because not removed by the 200W Pump & Treat facility.

**Cumulative values of the volume of groundwater treated and mass of constituents removed
by the 200 West P&T Facility**

	Treated (mgal)	Carbon Tetra-chloride (kg)	Trichloro-ethylene (kg)	Chromium (kg)	Nitrogen in NO ₃ (kg)*	Nitrate (kg)*	Tc-99 (Ci)	Cyanide (kg)	Uranium (kg)
Cumulative FY2024	320.34	289.22	2.04	2.00	NA	NA	4.4E-01	11.5	22.4
Cumulative (2012 to current)	11,667	22,477	130.01	551.65	493,644	2,186,276	20.87	384.15	781.8

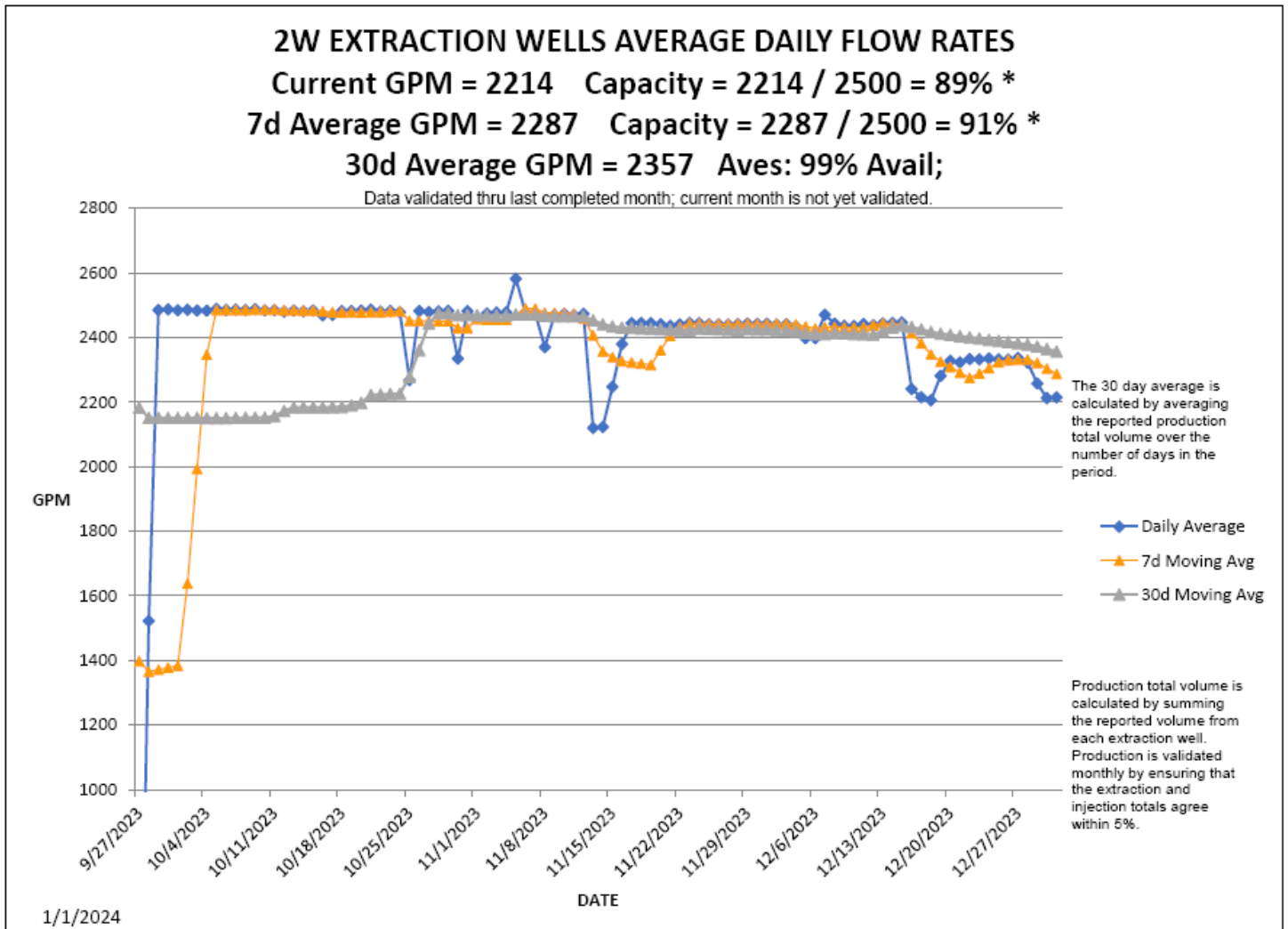
Note - numbers shown are estimates; actual numbers are reported in the annual P&T reports.

Note- Interpolated data method was used to recalculate mass constituents removed and volume of groundwater treated.

Note – I-129 not included because not removed by the 200W Pump & Treat facility.

* Nitrate treatment was suspended in October 2019 for the 200-ZP-1 OU Optimization Study. Prior to suspension of biological treatment, a total of 2,186,276 kg of nitrate (493,644 kg Nitrogen in NO₃) was removed by the 200 West P&T.

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Regulatory Agency Comments: None

M-024 Well Installation

Ecology Lead

RL - Kathy Higgins, CPCCo - Jennifer Richart

Target Date M-024-74-T01: *Conclude Discussion of Well Commitments Initiated Under M-024-58.*

- Due date 08/01/2023, Status: Completed 8/29/2023 with approval of TPA [CCF M-24-23-02](#).

Milestone M-024-74: *Complete the Construction of All Well Listed for CY23 and Before.*

- Due Date 12/31/2023, Status: Completed 12/20/2023. For the M-024-74 milestone, 30 wells are complete.
 - Wells 199-D5-163/D0247, 299-E25-247/D0222, 299-E25-125/D0048, 299-E25-246/D0221, 299-W19-127/C9605, 299-W7-15/D0024, 299-E26-16/D0227, 299-W10-201/D0013, 299-W13-3/C9998, 299-W19-128/C9606, 299-W19-134/D0269, 699-45-65/C9999, 199-H4-95/D0244, 299-W10-202/D0014, 299-W10-200/D0020, 299-W15-231/D0021, 299-W13-5/D0371, 299-W11-106/D0368, 299-W14-75/D0370, 299-W14-24/C9996, 299-W7-16/D0027, 199-K-243/D0093, 299-E25-251/D0043,

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199-D3-7/D0249, 299-W11-107/D0369, 299-E27-125/D0118, 299-W10-203/D0015,
299-W19-135/D0270, 699-77-36B/D0077 and 299-W11-98/C9739 are complete.

Milestone M-024-58Q: *Initiate Discussion of Well Commitments.*

- Due date 06/01/2024, Status: On Schedule.

Milestone M-024-75: *Complete the Construction of All Well Listed for CY24 and Before.*

- Due Date 12/31/2024, Status: On Schedule
 - Wells 699-63-30/D0078 and 699-64-28/D0079 are complete.
 - Wells 699-35-70C/D0562, 299-W14-28/D0135, 299-E25-240/D0119, 299-W19-136/D0271,
299-W14-30/D0137, 299-W14-32/D0139 and 699-40-70A/D0141 are in progress.

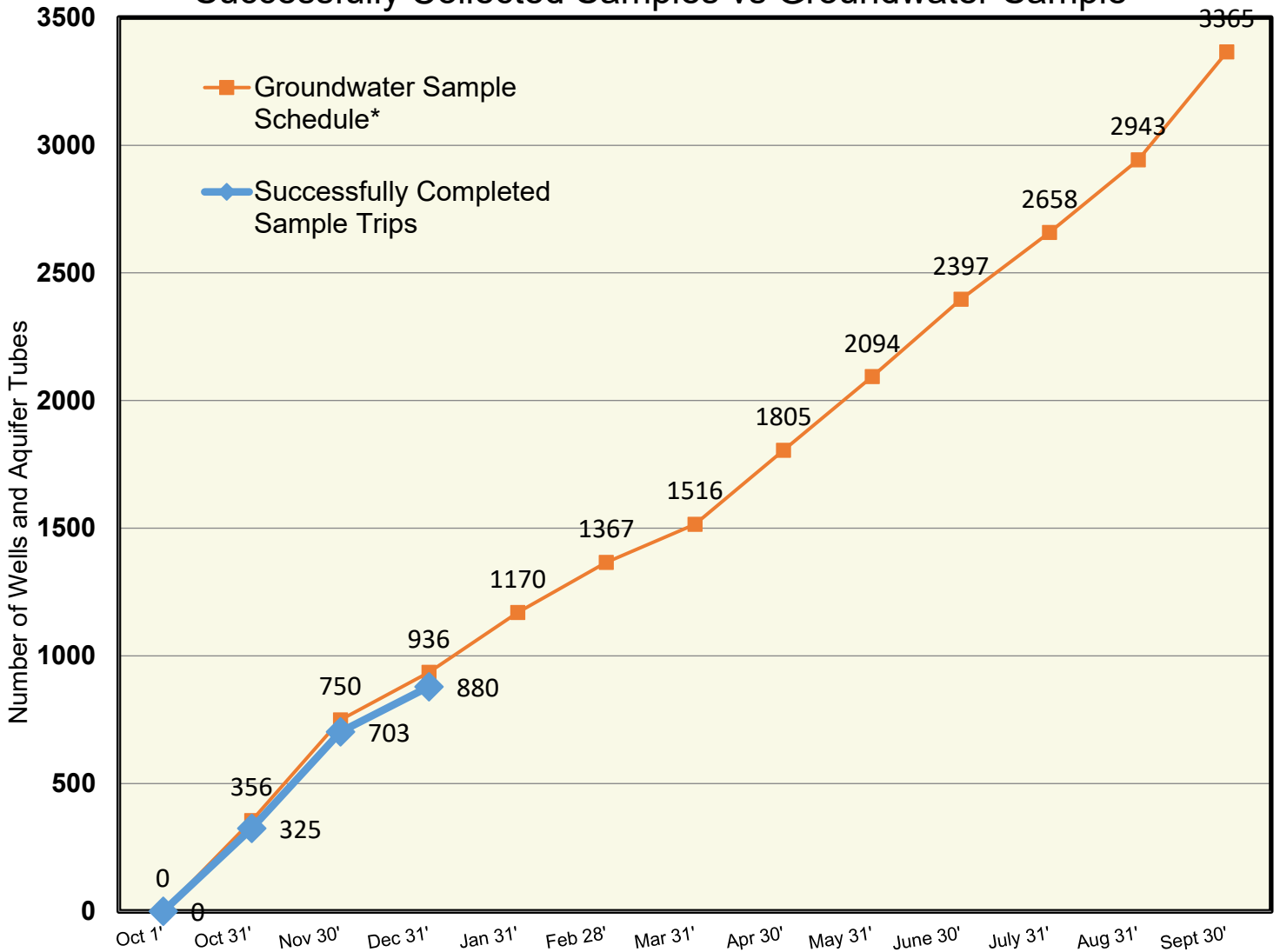
Regulatory Agency Comments: None

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Hanford Annual Groundwater Sampling Program Performance

RL - Kathy Higgins, CPCCo – R. Fox

FY 2024 Well and Aquifer Tube Trips
Successfully Collected Samples vs Groundwater Sample



*The groundwater schedule is a living number of planned sample events . It represents sampling events from the beginning of the fiscal year as altered by approved sample cancellations and SAP revisions/TPA change notices.

*Appendix A contains all the Groundwater Sample Event Disposition Concurrence Forms approved in September - October 2023.

Regulatory Agency Comments: None

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Central Plateau Milestone Status

MS#	Title	Due Date
Fiscal Year 2018		
M-015-93C	Initiate Characterization Field Work for the 200-SW-2 OU Landfills	9/30/2018 In Abeyance
Fiscal Year 2019		
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 In Abeyance
M-085-70	Submit to Ecology a RI/FS Work Plan for 200-CB-1	9/30/2019 In Abeyance
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 In Abeyance
Fiscal Year 2021		
M-015-112	Submit Draft B 200-IS-1 RFI/CMS/RI/FS Work Plan to Ecology with Schedule Dates	11/30/2020 In Abeyance
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 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 In Abeyance
M-037-20	Submit Coordinated Closure Proposal for the 4 Specified TSDs if Requesting Use of Alternative Closure Requirements	Submit concurrently with M-015-92B
M-015-93B	Submit RFI/CMS & RI/FS Report and Proposed CAD/PP for 200-SW-2 OU	1/31/2023 In Abeyance
M-037-26	Submit Coordinated Closure Proposal for Green Island TSDs in LLBG if Requesting Use of Alternative Closure Requirements	Submit concurrently with M-015-93B
M-015-92C	Submit RFI/CMS & RI/FS Report and PCAD/PP for 200-IS-1 OU to Ecology	3/31/2023 In Abeyance
M-037-25	Submit Coordinated Closure Proposal for Inactive SST Components Outside WMAs if Requesting Alternative Closure Requirements	Submit concurrently with M-015-92C
M-024-58P	Initiate Discussions of Well Commitments	6/01/2023 Complete
M-015-38B	Submit FS/PP for 200-CW-1, 200-CW-3 and 200-OA-1 OUs	7/31/2023 In Abeyance
M-037-22	Submit Coordinated Closure Proposal for the 2 Specified TSDs if Requesting Use of Alternative Closure Requirements	Submit concurrently with M-015-38B
M-015-91B	Submit FS/PP for the 200-BC-1 and 200-WA-1 OUs to EPA	7/31/2023 In Abeyance
M-024-74-T01	Conclude Discussions of Well Commitments Initiated Under M-024-58	8/01/2023 Complete
M-015-110B	Submit CMS & FS and PCAD/PP for 200-DV-1 OU	9/30/2023 In Abeyance
M-062-57	Integrated Disposal Facility (IDF) Operational	9/30/2023 Complete

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MS#	Title	Due Date
M-085-84B	Complete Demolition of PUREX Ancillary Facilities 203A Building/Tank Yard and 205A Building	09/30/2023 Completed 09/18/2023
Fiscal Year 2024		
M-024-74	Complete the Construction of All Wells Listed for CY23 and Before	12/31/2023 Completed 12/20/2023
M-024-58Q	Initiate Discussions of Well Commitments	06/01/2024 On Schedule
M-015-92F	Submit Draft CCF with Date for Milestone M-015-112 for Submittal of 200-IS-1 OU RFI/CMS/RI/FS WP	6/30/2024 On Schedule
M-015-118	Submit Draft CCF with New Dates for Milestones M-015-92B/M-015-92C/M-015-93B/M-015-93C/M-015-110B	6/30/2024 On Schedule
M-015-119	Submit Draft CCF with New Dates for Milestones M-015-38B/M-015-84/M-015-91B/M-015-98/M-015-99	6/30/2024 On Schedule
M-015-120	Submit Draft CCF Proposing Milestones for Central Plateau Cleanup for Period FY 2025-2027	6/30/2024 On Schedule
M-016-200	Submit Draft CCF with New Dates for Milestones M-016-200A and M-016-200B	6/30/2024 On Schedule
M-085-71	Submit Draft CCF with New Date for Milestone M-085-70	6/30/2024 On Schedule
M-024-75-T01	Conclude Discussions of Well Commitments Initiated Under M-024-58	08/01/2024 On Schedule
M-016-200A	Complete U Plant Canyon (221 U Facility) demolition	9/30/2024 In Abeyance
M-016-202	Complete Response Actions for 10 Waste Sites and Sampling for Additional 5 Waste Sites in Outer Area	9/30/2024 On Schedule
M-085-84C	Complete Infrastructure Upgrades to Support Demolition Preparation of the PUREX Complex	09/30/2024 On Schedule
Fiscal Years 2025-2027		
M-024-75	Complete the Construction of All Wells Listed for CY24 and Before	12/31/2024 On Schedule
M-085-86	Submit a Modification to the PUREX RAWP a Schedule for White Powder Removal	3/30/2025 On Schedule
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 Operable Unit	9/30/2025 On Schedule
M-085-84D	Initiate Utility System Isolations for the PUREX Complex	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 At Risk
M-024-77-T01	Conclude discussions of well commitments initiated under M-024-58	8/01/2026 On Schedule
M-016-210	Submit PMR with 90% Design for Final Landfill Cover, Including Closure Schedule for NRDWL and SWL	8/31/2026 On Schedule

Tri-Party Agreement (TPA)
200 AREA PROJECT MANAGERS MEETING
Milestones and O.U. Status
November - December 2023 Data
January 18, 2024

MS#	Title	Due Date
M-016-211	Submit PMR with Updated Post-Closure Plan, Including Groundwater Monitoring Plan for NRDWL and SWL	180 days after Ecology's approval of the 90% cover design submitted in Milestone. M-016-210
M-085-90	Submit RI/FS Work Plan for 200-CR-1	9/30/2026 On Schedule
M-024-77	Complete the Construction of All Wells Listed for CY26 and Before	12/31/2026 On Schedule
M-026-07E	Evaluation of Tritium Treatment Technology to EPA & Ecology	3/31/2027 On Schedule
M-016-200B	Complete U Plant (221 U Facility) barrier construction	9/30/2027 In Abeyance

Tri-Party Agreement (TPA)
200 AREA PROJECT MANAGERS MEETING
Milestones and O.U. Status
November - December 2023 Data
January 18, 2024

Documents Submitted to the Administrative Record

Number	Title	Referencing Document	Referencing Document Title
ECF-300FF5-23-0069, Rev. 0	Confidence Limits for cis 1,2-Dichloroethene, Gross Alpha, Nitrate, Tritium, and Uranium in the 300-FF-5 Operable Unit through CY 2022	Annual Reports	Annual Reports
ECF-300FF5-23-0078	Calculation of Upper Confidence Limits for RCRA Monitoring at the 300 Area Process Trenches to Support the January - June 2023 Semiannual Report	Annual Reports	Annual Reports
ECF-100HR3-23-0077	Calculation of Upper Confidence Limits for RCRA Monitoring at the 183-H Solar Evaporation Basins to Support the January - June 2023 Semiannual Report	Annual Reports	Annual Reports
ECF-HANFORD-23-0054_R0	Description Of Groundwater Calculations And Assessments For The Calendar Year 2022 (CY 2022) 100 Areas Pump-And-Treat Report	Annual Reports	Annual Reports
ECF-HANFORD-21-0136_R1	Evaluation of Nitrate and Technetium-99 Vadose Zone Distributions in the BC Cribs and Trenches Area Based on Inverted Surface Electrical Resistivity Tomography Data	Annual Reports	Annual Reports
SGW-69310_R0	600-227 DATA USABILITY ASSESSMENT	RSVP	RSVP
SGW-69271_R0	200-E-46 DATA USABILITY ASSESSMENT	RSVP	RSVP
SGW-69309_R0	CFTN 2703-E DATA USABILITY ASSESSMENT	RSVP	RSVP

Regulatory Agency Comments: None

Approved TPA Change Notices

Number	Title	Description of Change
TPA-CN-0953	DOE/RL-2014-33, Sampling and Analysis Plan for the 200-BP-5 Groundwater Operable Unit, Rev. 0	Monitoring well 299-E33-10 and aquifer tubes 12-D and 13-S have been removed from Tables 3-3, 3-4, 3-5 and removed from Figures 3-1, 3-3, 3-4, 3-7, and 3-10.

Regulatory Agency Comments: None

Monthly Performance Report Assessment

The DOE Project Managers have identified **no outstanding issues** with the preceding month's Environmental Performance Report for this scope.

Tri-Party Agreement (TPA)
200 AREA PROJECT MANAGERS MEETING
Action Items List, January 18, 2024

OPEN ACTION ITEM TRACKING

Action #	Action/Subject	Assigned To	Owed To	Assigned Date	Original Due Date	Adjusted Due Date	Status
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