

***U.S. Department of Energy-Hanford Field Office
Tank Waste Operations/Waste Treatment and
Immobilization Plant Tri-Party Agreement/Consent
Decree Quarterly Milestone Review Meeting Minutes***

December 11, 2025



**DOE-HFO TWO/WTP Tri-Party Agreement/Consent Decree
Quarterly Milestone Review Meeting Minutes
December 11, 2025**

CONCURRENCE SIGNATURES:


In accordance with the Tri-Party Agreement Section 4.2, Interagency Management Integration Team, 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 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: **ROBERT IRWIN**  Digitally signed by ROBERT IRWIN
Date: 2025.12.29 10:28:18 -08'00'

R.M. Irwin, DOE-HFO IAMIT Representative

Approval: **Caldwell, Cole J**  Digitally signed by Caldwell, Cole J
Date: 2025.12.30 07:37:56 -08'00'

S.N. Schleif, Ecology IAMIT Representative

Approval:  Digitally signed by LAURA BUELOW
Date: 2026.01.05 12:27:52 -08'00'

L.C. Buelow, EPA IAMIT Representative

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Acronyms and Abbreviations

AMPS	Advanced Modular Pretreatment System
AR	Administrative Record
BOF	Balance of Facilities
BNI	Bechtel National, Inc.
CD	Consent Decree
CD-1	critical decision
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
DFLAW	direct feed low-activity waste
DFHLW	direct feed high-level waste
DOE-HFO	U. S. Department of Energy Hanford Field Office
DST	double-shell tank
EC	Evaporator Campaign
Ecology	Washington State Department of Ecology
EPA	U.S. Environmental Protection Agency
EVMS	earned value management system
FY	fiscal year
GFR	Glass Former Reagent
H2C	Hanford Tank Waste Operations & Closure
HLMI	Hanford Laboratory Management and Integration, LLC
HLW	high-level waste
IAMIT	Inter-agency Management Integration Team
IQRPE	Independent Qualified Registered Professional Engineer
LAW	Low-activity waste
LBL	LAW Facility, Balance of Facilities and Lab
LERF	Liquid Effluent Retention Facility
DOE-HFO	U. S. Department of Energy, Office of River Protection
PA	Performance Assessment
PMM	project manager meeting
PT	Pretreatment
RCRA	Resource Conservation and Recovery Act
RFI/CMS	RCRA Facility Investigation/Corrective Measures Study
SST	single-shell tank
TBI	Test Bed Initiative
TPA	Tri-Party Agreement
TSCR	tank-side cesium removal
TWO	Tank Waste Operations
WMA	Waste Management Area
WRPS	Washington River Protection Solutions LLC
WTP	Waste Treatment and Immobilization Plant

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1.0 ADMINISTRATIVE ITEMS/MILESTONE STATUS/ACTIONS

These meetings are normally conducted on the second Thursday each month between the U.S. Department of Energy-Hanford Field Office (DOE-HFO) and Washington State Department of Ecology (Ecology); often referred to as the Parties. This meeting was held remotely via video and telecom, using the Microsoft Office Teams software, a communication and collaboration platform.

Upcoming Meetings

The next DOE-HFO TWO/WTP Tri-Party Agreement (TPA)/Consent Decree (CD) Monthly Project Managers Meeting is January 8, 2026. The next TPA/CD TWO/WTP Quarterly Milestone Review Meeting is March 12, 2026.

Recent Items Added to the Hanford Administrative Record (AR)

The U.S. Department of Energy Hanford Field Office Tri-Party Agreement (TPA) and Consent Decree (CD) Monthly Reports for the period of October 1 – October 31, 2025, were entered into the Hanford AR on November 24, 2025. The meeting minutes from the November 13, 2025 TPA/CD TWO/WTP Monthly Project Managers Meeting were added to the Hanford AR on December 15, 2025.

*NOTE: For other related documents added to the Hanford AR see, “*Documents Entered into the Hanford Administrative Record*” attached to these meeting minutes.

Tri-Party Agreement Milestone Status

DOE-HFO reported all TPA milestones were either Complete or On Schedule.

DOE-HFO highlighted Milestone M-062-40K, Select a Minimum of 3 Scenarios, due November 30, 2025, was completed on November 25, 2025; M-045-108, Submit RCRA Tier 3 Component Closure Plan for the 241-C-301 Catch Tank, due November 30, 2025, was completed on October 22, 2025; M-045-112, Submit Integration Study for WMA U, due December 31, 2025, was completed on October 22, 2025 and M-045-118, Submit Integration Study for WMA S-SX, due December 31, 2025, was also completed on October 22, 2025.

DOE-HFO also noted Milestone M-062-64, Make Alternative Selection for Facilities and Infrastructure for Off-Site Disposal of Low-Activity Waste, is due December 31, 2025

For details on the status of specific milestones, see pages 1-3 of the October 2025 DOE-HFO TPA Monthly Report and throughout these meeting minutes.

Tri-Party Agreement Issues and Action Items and Key Documents

For reference, see attached, “*DOE-HFO/Ecology TPA and CD Agreements, Issues and Action Items – December 2025 Meeting.*”

Emergent Issues (Past 3 Months):

DOE-HFO has identified Actions 3 (TF-25-08-01) and 4 (TF-25-08-02) as emergent issues, citing delays in moving forward without a clear regulatory path as having potential impacts to DOE-HFO’s ability to meet existing Tri-Party Agreement milestone due dates (added August 14, 2025).

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Actions:

Action No. 1 (TF-24-05-01): TPA Milestones M-042-03 and M-042-04 call for activating cross-site transfer lines SLN-3150 by 12/31/2030, and SLL-3160 by 12/31/2036. Ecology's action/request is a briefing on several aspects of DOE-HFO's plans to meet those dates. DOE-HFO is still in the planning process for developing schedules and details for meeting those milestones and will share those details with Ecology when those details are developed. There was no change in status. *The action remains open.*

Action No. 2 (TF-25-7-01): Ecology requests a discussion on the status of a draft TPA change control form that was drafted by Ecology and shared with DOE-HFO on February 25, 2025, which proposes milestones for the design and construction of the remaining SST interim surface barriers for Tank Farms S/SX, BX/BY, and A/AX. DOE HFO targeted beginning discussions with Ecology on the draft TPA change control form after the T Farm and B Farm Interim Service Barrier designs are approved - potentially in January 2026. *The action remains open.*

Action No. 3 (TF-25-08-01): DOE-HFO requests Ecology determine what is needed prior to Ecology making a decision on the applicability of Landfill Closure for the remaining Waste Management Areas, and report to DOE-HFO when and how that will occur. DOE-HFO asked Ecology if it would schedule a meeting for Ecology to provide an overview of a draft document/decision Ecology is authoring on the practicability of Landfill Closure. *The action remains open.*

Action No. 4 (TF-25-08-02): DOE-HFO requests Ecology discuss with Ecology management if there are any inconsistencies between the Washington Administrative Code and the *Central Plateau Inner Area Cleanup Principles and Parameters* ([DOE/RL-2019-46, Rev. 0](#)) – which was agreed to by the Parties on October 28, 2020 and added to TPA Action Plan Appendix F – and provide them to DOE-HFO. Ecology reported it is not likely to have a response on this issue until after the Hanford Sitewide Permit Rev. 9 is issued. At today's meeting, there was no change in status, however, Ecology suggested DOE-HFO revisit Section 1.3, Cleanup Levels of the *Central Plateau Inner Area Cleanup Principles and Parameters* for more background on the issue surrounding Clean Closure vs. Landfill Closure prior to any further discussions. *The action remains open.*

Key Documents List and Status of Current TPA Change Notices:

The Key Documents List (*Documents Recently Submitted to the Hanford Administrative Record and Status of Current TPA Change Notices*) was presented and is attached to these meeting minutes. DOE-HFO added a note to alert Ecology to several tank retrieval-related documents (e.g., Sampling and Analysis Plan, Data Quality Objectives) will soon be added to the AR and that those documents will be the basis of related discussions between DOE-HFO and Ecology.

2.0 AGREED ORDER STATUS

*NOTE: On August 25, 2022, the State of Washington Department of Ecology Administrative Order, Agreed Order Docket No. 21304, Agreed Order Between Ecology and the DOE-HFO,

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regarding Single-Shell Tanks 241-B-109 (B-109) and 241-T-111 (T-111) was signed (reference [AR-21249](#)). On November 20, 2024, an Addendum to Agreed Order Docket No. 21304 (reference [AR-32535](#)) was added to include Tank 241-T-101 (T-101).

During this meeting, DOE-HFO provided the following updates:

- All Agreed Order requirement due dates are on schedule.
- DOE-HFO is awaiting Ecology’s approval of the Leak Detection Monitoring Evaluation, Rev.1 (A-022-13).

For a complete list and status of all Agreed Order requirements, see, “TWO Agreed Order Requirements” attached to these meeting minutes.

3.0 222-S LABORATORY

*NOTE: The 222-S Laboratory is reported at length on a bi-monthly basis. On alternate months, the 222-S Laboratory information is condensed and summarized. This month was the condensed report.

Significant Accomplishments

- Transfer 219-S Tank 102 contents to Tank 241-SY-101. DOE-HFO provided an update to note that the transfer was completed on November 11, 2025.

Significant Planned Activities

- Nothing reported.

Issues/Other Items

- Nothing reported.

4.0 SYSTEM PLAN

Significant Past Accomplishments

- DOE-HFO reported MilestoneM-062-40K, Select a Minimum of 3 Scenarios, due November 30, 2025 was completed on November 25, 2025.

Significant Planned Actions in the Next Six Months.

- Nothing reported.

Issues/Other Items

- Nothing reported.

5.0 ACQUISITION OF NEW FACILITIES

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Nothing reported.

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Issues/Other Items

- Nothing reported.

6.0 ALTERNATIVE TREATMENT FOR 200 WEST AREA

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Complete public comment disposition and response for the Supplement Analysis of the Final Tank Closure and Waste Management Environmental Impact Statement under the National Environmental Policy Act. DOE-HFO added an update to note the public comment period was now complete and the Supplemental Analysis has been approved.

Issues/Other Items:

- Ecology requested an informal discussion with DOE-HFO on the 200 West Area Risk Management (WARM) Project, including the upgrades to the SY Tank Farms to support WARM. DOE-HFO agreed to do so. Ecology committed to identifying participants prior to the meeting. Ecology also suggested adding updates on the cross-site transfer lines to the discussion, however, DOE-HFO deferred, noting that the cross-site transfer lines are not part of WARM scope.

7.0 SUPPLEMENTAL TREATMENT AND RCRA PART B PERMIT APPLICATIONS

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Nothing reported.

Issues/Other Items

- Nothing reported.

8.0 LOW ACTIVITY WASTE PRETREATMENT SYSTEM (LAWPS)

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Nothing reported.

Issues/Other Items

- Nothing reported.

9.0 TANK-SIDE CESIUM REMOVAL SYSTEM (TSCR)

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Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Complete TSCR maintenance outage. DOE-HFO added an update to note that the TSCR had completed its outage and initiated Campaign 2, Batch 1 on November 5, 2025, with approximately 207,000 gallons of waste processed to date. Following an estimated one-month maintenance outage, TSCR plans to begin Batch 2 in mid-January 2026. DOE-HFO also reported that Tank AP-106 now holds approximately 94,000 gallons of TSCR-treated waste. DOE-HFO added that it will need to halt TSCR operations if capacity becomes an issue.

Issues/Other Items

- Ecology asked if DOE-HFO has backup tank to hold TSCR treated waste should transfers to the Waste Treatment Plant become slowed or halted. DOE-HFO responded there is not a backup tank.

10.0 TEST BED INITIATIVE (TBI) DEMONSTRATION

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Submit TBI closure certification report to Ecology. DOE-HFO provided an update to note that the report was sent to Ecology on November 13, 2025. Ecology added it is working on its approval of the report.

Issues/Other Items

- Nothing reported.

11.0 242-A EVAPORATOR STATUS

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Nothing reported.

Issues/Other Items

- Nothing reported.

12.0 LIQUID EFFLUENT RETENTION FACILITY AND 200 AREA EFFLUENT TREATMENT FACILITY (LERF/ETF)

Significant Past Accomplishments

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Operations

- Nothing reported.

Projects

- Nothing reported.

Significant Planned Actions in the Next Six Months

Operations

- Nothing reported.

Projects

- Nothing reported.

LERF Volumes

- See pg. 18 of the October 2025 TPA Monthly Report for a full listing.

Issues/Other Items

- Ecology asked about LERF and ETF gallons processed in their most recent campaigns. DOE-HFO responded, 4 million for LERF and 7 million for ETF. DOE-HFO added that ETF is currently in a maintenance outage to prepare for operational acceptance testing for the CO2 membrane system and acetyl nitrile treatment system.

13.0 TANK SYSTEM UPDATE

13.1 Double-Shell Tank Integrity

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Nothing reported.

Ultrasonic Testing Report Status

- Nothing reported.

Issues/Other Items

- Nothing reported.

13.2 Single-Shell Tank Integrity

Significant Past Accomplishments

- Fiscal Year 2026 visual inspection completed on Tank A-101.

Significant Planned Actions in the Next Six Months

- Nothing reported.

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RPP-9937 Rev. 5 Updates

- Nothing reported.

Issues/Other Items

- DOE-HFO reported that the Tank SX-111 visual inspection was completed in November 2025, with minor additional spalling identified. However the tank still remains bounded by PNNL's analysis.

14.0 INDEPENDENT QUALIFIED REGISTERED PROFESSIONAL ENGINEER (IQRPE) ACTIVITIES

- Nothing reported.

15.0 IN-TANK CHARACTERIZATION AND SUMMARY

15.1 Reports Completed or Released

- Nothing reported.

15.2 Tank Sampling

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Nothing reported.

Issues/Other Items

- Nothing reported.

15.3 Best-Basis Inventory Updates

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Month

- Nothing reported.

Issues/Other Items

- Nothing reported.

16.0 SINGLE-SHELL TANK CLOSURE PROGRAM

Significant Past Accomplishments

- Nothing reported.

Significant Planned Activities in the Next Six Months

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- Responded to Ecology comments on the FY 2024 interim surface barriers annual monitoring report via letter 25-TWO-0126, dated October 17, 2025 to complete the TPA secondary document review and comment process.
- Submitted the RCRA Tier 3 component closure plan for the C-301 Catch Tank to Ecology via letter 25-TWO-0125, dated October 22, 2025.
- Submitted the integration studies for WMA U and WMA S-SX to Ecology via letter 25-TWO-0128, dated October 22, 2025.

Issues/Other Items

- Nothing reported.

17.0 SINGLE-SHELL TANK RETRIEVAL PROGRAM

Significant Past Accomplishments

- Also refer to the Consent Decree portion of these meeting minutes (“Single Shell Tank Retrieval”, Section 20.0) for additional information.

Significant Planned Activities in the Next Six Months

- Mobilize and convene the expert panel for the retrieval technology work plan. DOE-HFO added that the panel held its initial meeting on November 12, 2025.
- Also refer to the Consent Decree portion of these meeting minutes (“Single Shell Tank Retrieval”, Section 20.0) for additional information.

Issues/Other Items

- Nothing reported.

18.0 TANK OPERATIONS PROJECT SCHEDULE AND COST VARIANCE PERFORMANCE

Base Operations:

The September 2025 variances below do not impact TPA milestones.

*NOTE: The cost and schedule variances are one month behind the reporting than the rest of the October 2025 TPA Monthly Report.

- The month showed an unfavorable schedule variance of approximately \$4.0M – primarily due to ETF/LERF/Treated Effluent Disposal Facility Operations and Maintenance schedule acceleration, ETF upgrades testing and commissioning schedule delays, and 242-A Boiler Annex schedule acceleration.
- The current month showed a favorable cost variance of \$2.1M – primarily due to LERF and ETF labor usage.

Waste Feed Delivery/Treatment:

The September 2025 variances below do not impact TPA milestones.

*NOTE: The cost and schedule variances are one month behind the reporting than the rest of the October 2025 TPA Monthly Report.

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- The month showed a favorable schedule variance of \$590,000 – primarily due to WTP acquisitions low-activity waste melter assembly, storage and transportation Phase II schedule recovery.
- The month showed a favorable cost variance of \$1.2M – primarily due to Waste Feed Delivery Technology subcontracts.

Treat Waste:

The September 2025 variances below do not impact TPA milestones.

*NOTE: The cost and schedule variances are one month behind the reporting than the rest of the October 2025 TPA Monthly Report.

- The month showed an unfavorable schedule variance of \$252,000 – primarily due to payment delays for AMPS design costs.
- The month showed a favorable cost variance of \$235,000 – below the reportable threshold.

Issues/Other Items

- Nothing reported.

19.0 CONSENT DECREE MILESTONES/ADMINISTRATIVE ACTIONS

Consent Decree Milestones

DOE-HFO reported Consent Decree milestones as Completed, On Schedule, or At Risk.

See pages 3-4 of the DOE-HFO October 2025 Consent Decree Monthly Report for a complete list of the Consent Decree milestones.

Consent Decree Issues and Action Items

For reference, see attached “*DOE-HFO/Ecology TPA and CD Agreements, Issues and Action Items December 2025 Meeting.*”

Emergent Issues:

There are no current emergent issues.

Action Items:

Action No. 1 (WTP-25-01-01): Ecology requested a briefing on the technical interface between the Waste Transfer Vault and the High-Level Waste (HLW) Facility and the schedule for when the vault will begin to support the HLW Facility. There was no change in status, however, DOE-HFO projected being able to provide the briefing to Ecology in or around March 2026. *The action remains open.*

20.0 SINGLE-SHELL TANK RETRIEVAL PROGRAM

Project Schedule and Cost Variance Performance (Current as of September 2025)

- DOE-HFO reported a favorable schedule variance of approximately \$648,500 – primarily due to schedule recovery for A Tank Fam procurements and Tank A-106 infrastructure

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installation field activities. The favorable variance was offset by procurement delays for the S Tank Farm exhauster.

- DOE-HFO reported a favorable cost variance of approximately \$161,400 – primarily due to Subcontract costs for direct push characterization and sampling, Tank A-101 Retrieval Operations labor utilization and A Tank Farm procurements and subcontract costs for dome cutting machine design activities.
- None of the above variances affect Consent Decree milestones.

Significant Accomplishments during the Prior Month

Completed Accomplishments

- Completed Tank A-102 preparations to resume retrieval activities. DOE-HFO added that approximately 64% of the waste had been retrieved from the tank. Retrievals are now paused for a preventative maintenance outage.

On-Going Activities

- Continued Tank A-106 new retrieval equipment installation. DOE-HFO added that A-106 retrievals are expected to begin in January 2026.
- Continued Tank A-102 preparations to resume retrieval activities.

Significant Planned Activities in the Next Month

- Nothing reported.

Issues/Other Items

- Nothing reported.

21.0 TANK WASTE RETRIEVAL WORK PLAN STATUS

Significant Accomplishments during the Prior Month

- Nothing reported.

Significant Planned Activities in the Next Month

- Nothing reported.

Issues/Other Items

- DOE-HFO noted there will be a meeting on December 17, 2025 to discuss the *A-103 Tank Waste Retrieval Work Plan* (RPP-PLAN-65683).

22.0 WASTE TREATMENT AND IMMOBILIZATION PLANT (WTP) PROJECT

Project Schedule and Cost Variance Performance

NOTE: the cost and schedule variances are one month behind the reporting of the rest of the October 2025 Consent Decree Monthly Report.

For September 2025, DOE-HFO reported a net favorable schedule variance of approximately \$2.7M.

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- Overall, schedule is 4% ahead, primarily due to \$7.7M of engineering products completing ahead of schedule by Bechtel National, Inc. (BNI). A baseline change removed work no longer needed and corrected an inadvertent \$1.8M entry for planned travel costs.
- Offsetting the unfavorable schedule variance was \$4.7M in construction, due to higher than planned rates for installation of roof steel.
- The critical path schedule for completion of the HLW Facility for completion of HLW 90% design milestone remains approximately 4 months ahead of the deterministic completion date provided by BNI in their November 2023 proposal for the design completion period.

For September 2025, DOE-HFO reported a net favorable cost variance of approximately \$46.6M.

- Cost performance for the month on the HLW Facility was a favorable \$8.9M. The majority of the favorable variance is associated with fiscal year-end accounting and a smaller allocation of Project Services than planned. The initial assumption for the split of project services between DFLAW and HLW was assumed to be 50 percent for each. The HLW Facility only incurred 42 percent of the annual project services cost.
- The current month cost variance for Project Services was a favorable \$37.6M, primarily due to the DFLAW project being completed later than the baseline date. As a result, no budget was available for allocation associated with DFLAW facilities, resulting in a large favorable variance in Project Services. Costs will continue to be incurred for DFLAW facilities throughout the remainder of DFLAW commissioning period.

LAW Facility, Balance of Facilities and Lab (LBL)/DFLAW Estimate at Completion (EAC) Value

For the September 2025 reporting period, LBL/DFLAW reported an EAC increase of approximately \$1.7M, due to:

- \$2.0 million increase per DOE direction to move LAW capital expenditures to DFLAW operations expenditures.
- \$5.3 million overall increase associated with subcontractor coating repairs in the LAW Facility identified in the dangerous waste permit inspection, operational delay impacts to environmental performance demonstration testing subcontractor and fabrication and delivery of water-based slurry to support melter feed during hot commissioning variance trends recognized in the period.
- \$2.3 million decrease associated with the annual September 2025 Project Services allocation.
- \$3.7 million decrease associated with continued review and adjustment to existing subcontractor accruals based on better-than-expected cost.
- \$300,000 increase due to estimate to completion forecast.

Issues/Other Items

- Nothing reported.

23.0 PRETREATMENT FACILITY

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Project Schedule and Cost Variance Performance

- Nothing reported.

Significant Accomplishments during the Prior Month

- Nothing reported.

Ongoing Activities:

- Continued to implement asset surveillance and maintenance at the PT Facility to protect equipment and structures and to ensure design documents are maintained.

Significant Planned Activities in the Next Month

- Nothing reported.

Issues/Other Items

- Nothing reported.

24.0 HIGH-LEVEL WASTE (HLW) FACILITY

Project Schedule and Cost Variance Performance

- See WTP Section 22.0.

Significant Accomplishments during the Prior Month

DOE-HFO provided updates the following updates:

- Completed 90 percent system design review for the HLW Facility plant wash disposal system.
- Completed 90 percent system design review for the HLW canister pour handling system.
- Completed concrete placement of slab 4025N.
- Set over-the-top (OTT) HLW melter cave support handling system shield door HSH-DOOR-00015.

Ongoing Activities:

- Continued contract negotiations with BNI associated with Phase 1B (FY 2026 through FY 2028) of the HLW Facility design completion period.
- HLW Facility 90 percent system design reviews remain a top priority. As of October 2025, 14 of 15 HLW Facility 90 percent design reviews planned for calendar year 2025 were completed.
- Concrete placement continues to support building enclosure. Thirty-three OTT equipment items and eleven concrete placements are planned for calendar year 2025. As of September 2025, 28 of 33 OTT pieces of equipment have been set, and 10 of 11 concrete placements have been completed.
- Continued to advance HLW Facility design and hazard analyses for key mechanical and process systems.
- Continued to perform nuclear safety hazard analysis work for the balance of HLW Facility process and utility systems.
- Implementing DFLAW lessons learned and incorporating improvements to key design and project management processes.

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- Establishing improved project control strategy for the HLW Facility design completion period.
- Continued to evaluate flowsheet and waste feed vector requirements associated with direct-feed high-level waste feed alternatives.
- Continued to review procured and stored material to determine fit for use due to potential obsolescence, aging, and alignment with HLW Facility design.
- Continued installation of formwork, rebar, and steel framing for concrete slab placements to support building enclosure.
- Continued to support system specific commissioning, testing, operations, and maintenance reviews to support design progression.

Significant Planned Activities in the Next Month

- Complete 30 percent system design review for the Wet Chemical Facility.
- Complete 60 percent system design review for the emergency power and air building.
- Complete concrete placement of slab 4107.
- Set Over the Top HLW melter cave support handling system shield door HSH-DOOR-00001.
- DOE-HFO added a “real time” update to report that all of the above planned concrete placement activities were now complete, with placement of slab 4028. This placement will be the last concrete pour until approximately late February or early March 2026. Also recently completed, was the placement of the Special Handling Crane in the facility. There are three more cranes left to place.

Issues/Other Items

- Nothing reported.

25.0 LOW-ACTIVITY WASTE FACILITY

Project Schedule and Cost Variance Performance

- See WTP Section 22.0.

Significant Accomplishments During the Prior Month

- Pretreated tank waste was transferred to the LAW facility on October 8, 2025, and waste feed to Melter 1 began on October 11, 2025. Completion of Milestone D-00A-09, LAW Facility Hot Commissioning Complete, was declared on October 15, 2025. DOE-HFO added an update to note that both Melter 1 and Melter 2 had produced 10 containers of vitrified waste.
- Demonstrated the ability to produce immobilized LAW glass of acceptable quality.
- Completed Melter 2 environmental performance demonstration testing.
- Shipped immobilized LAW containers to the Integrated Disposal Facility. DOE-HFO added that there have been on average three shipments a week since the initial shipment with an increase in shipments planned for after the holidays.

On-Going Activities

- Operate and maintain both LAW melters to produce immobilized LAW glass of acceptable quality.

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- Continued activities (e.g. equipment removal/installation) to support the phased upgrade of the LAW glass former system.

Significant Planned Activities in the Next Month

- Continue implementation of DFLAW startup plan to complete hot commissioning contract activities.
- Produce immobilized LAW glass of acceptable quality from Melter 2.
- Continue activities to support the phased upgrade of the LAW glass former system.

Issues/Other Items

- DOE-HFO reported that the LAW Facility is running on two-week intervals for the time being as a baseline for sampling secondary waste in the Effluent Management Facility (EMF) is established. DOE-HFO also noted that small amounts of contamination were found in EMF process cells, but the cells have since been cleaned out.
- Ecology asked if DOE-HFO will need to examine the feed rate from TSCR and if any adjustments are needed to support LAW feed. DOE-HFO replied that the feed from TSCR is not an issue, nor is expected to be. TSCR can support LAW feed for at least 12 months. DOE-HFO added that when both melters are running, reviewing TCSR feed will follow.

26.0 BALANCE OF FACILITIES

Project Schedule and Cost Variance Performance

- See WTP Section 22.0.

Significant Accomplishments during the Prior Month

- Nothing reported.

On-going Activities:

- Nothing reported.

Significant Planned Activities in the Next Month

- Nothing reported.

Issues/Other Items

- Nothing reported.

27.0 ANALYTICAL LABORATORY

Project Schedule and Cost Variance Performance

- See WTP Section 22.0.

Significant Accomplishments during the Prior Month

- Nothing reported.

Ongoing Activities:

**DOE-HFO TWO/WTP Tri-Party Agreement/Consent Decree
Quarterly Milestone Review Meeting Minutes
December 11, 2025**

- Nothing reported.

Significant Planned Activities in the Next Month

- Nothing reported.

Issues/Other Items

- Nothing reported.



U.S. DEPARTMENT *of* ENERGY

Office of Environmental Management

Hanford Field Office

Hanford Field Office Consent Decree Monthly Report Tri-Party Agreement Monthly Report Quarterly Milestone Review

Ricky Bang

Deputy Assistant Manager, Tank Waste Operations

U.S. Department of Energy, Hanford Field Office

December 11, 2025



U.S. DEPARTMENT
of **ENERGY**

Office of Environmental
Management

Hanford Field Office

Agenda

- Safety Culture Share
- Tank Waste Operations (8:30 a.m. – 10:15 a.m.)
 - Past Agreements/Actions/Emergent Issues
 - Key Documents
 - Agreed Order Action Items
 - Consent Decree
 - Tri-Party Agreement
 - Questions
- Waste Treatment and Immobilization Plant (10:15 a.m. – 11:00 a.m.)

Note: This quarterly meeting also meets the requirements for the monthly TPA review per section 4.1 of the TPA

DOE-HFO/Ecology TPA and CD Agreements, Issues, and Action Items – December 2025 Meeting

Agreements:

1. Per an Ecology standing request (4/21/2016), Department of Energy Hanford Field Office (DOE-HFO) agrees to include any written directives given by DOE-HFO to the contractors for work required by the Consent Decree (CD) in future quarterly CD Reports (see CD Section IV-C-1-e).
2. The DOE-HFO and Ecology Project Managers have developed, signed, and entered an outline for the CD Tank Completion Certification into the TPA Administrative Record. A briefing to senior management will occur if any follow-on actions arise.

Ecology and DOE-HFO have agreed to move the TPA/CD Project Managers Meeting to the second Thursday of the month starting in December 2019. The TPA and CD monthly reports distribution will occur by the end of each month via link to the Admin Record. Ecology requested at the December 2019 meeting that this form be included with the email that includes the links to the monthly reports. This will be the format for report distribution and monthly meetings going forward.

(Updated information in [blue](#))

Emergent Issues (Past 3 months):

1. (08/14/25) DOE-HFO has identified Actions 3 (TF-25-08-01) and 4 (TF-25-08-02) below as emergent issues, citing delays in moving forward without a clear regulatory path as having potential impacts to DOE-HFO’s ability to meet existing Tri-Party Agreement milestone due dates.

TANK FARMS OPERATIONS ACTION ITEMS

#	Action ID Start Date	Action	Updates / Needs for Closure	Actionee(s)	Status/ Date Closed
1	TF-24-05-01 09 May 2024	Ecology requests a briefing on DOE-HFO’s plans for meeting TPA Milestones M-042-03 and -04, which call for the activation of SLN-3150 by 2030 and SLL-3160 by 2036. Both milestones include the requirement that, “Activation includes completion of all actions necessary to have the transfer line satisfy applicable requirements of the	06/13/24 – DOE-HFO is preparing material for a briefing to Ecology. 07/11/24 – DOE-HFO inquired if Ecology still requests the briefing with the milestone (M-062-56) due date not being until 08/31/25. Ecology stated it did. DOE-HFO will provide the briefing. 08/08/24 – The Parties agreed that the transfer line briefing can be scheduled after the conclusion of the public comment period for	DOE-HFO	Open

DOE-HFO/Ecology TPA and CD Agreements, Issues, and Action Items – December 2025 Meeting

#	Action ID Start Date	Action	Updates / Needs for Closure	Actionee(s)	Status/ Date Closed
		<p>Hanford Sitewide Permit and Dangerous Waste Regulations”.</p> <p>Ecology requests that the briefing include:</p> <ol style="list-style-type: none"> 1. Development of the work plan for getting the cross-site transfer lines inspected and planning, including failure analysis work for SLL-3160. 2. Briefing dates for letting Ecology know the schedule for completing the milestone work for activating the lines. 3. If there will be any activities with respect to two lines (especially SLL-3160 for test failure) in the IQRPE evaluation and reporting 	<p>the Holistic Negotiations Settlement Agreement Proposed Changes. The public comment period ends September 1, 2024.</p> <p>September 2024 through January 2025 – No change in status. Briefing will be held upon finalization of the Holistic Negotiations Settlement Agreement TPA and Consent Decree milestones. The Final Approval Package was released January 10, 2025.</p> <p>02/13/25 – DOE-HFO is preparing material to brief Ecology. Ecology noted that designs for the transfer lines are due by 2027. Ecology asked that DOE-HFO also include information on how the cross-site transfer lines will be integrated with the West Area Risk Mitigation project and the upgrades to the SY Tank Farm.</p> <p>03/13/25 – No change in status. Ecology asked if DOE-HFO would be performing IQRPE’s on Transfer Lines SLN-3150 and SLL-3160 DOE-HFO replied (via an earlier email) that it would.</p> <p>April – November 2025 – No change in status.</p>		

DOE-HFO/Ecology TPA and CD Agreements, Issues, and Action Items – December 2025 Meeting

#	Action ID Start Date	Action	Updates / Needs for Closure	Actionee(s)	Status/ Date Closed
2	TF-25-07-01 10 Jul 2025	Ecology would like to discuss the status of a draft TPA change control form drafted by Ecology and shared with DOE-HFO on 02/25/25, which proposes a schedule for design and construction of interim surface barriers for Tank Farms S/SX, BX/BY, and A/AX.	07/10/25 – DOE-HFO committed to scheduling a meeting with Ecology to discuss the draft TPA change control form. August – November 2025 – no change in status.	DOE-HFO	Open
3	TF-25-08-01 14 Aug 2025	DOE-HFO requests Ecology determine what is needed prior to Ecology making a decision on the applicability of Landfill Closure for the remaining Waste Management Areas, and report to DOE-HFO when and how that will occur.	09/11/25 – Ecology’s Legal department is reviewing and will then meet with Ecology project staff on September 12 or 13, 2025. 10/09/25 – Ecology reported it continues to meet on this topic internally, also that it is still pursuing certification of the practicability document that determined that that clean closure is impractical. Ecology added that this action may not be closed until the RCRA Rev. 9 permit is issued. 11/13/25 – No change in status.	Ecology	Open
4	TF-25-08-02 14 Aug 2025	DOE-HFO requests Ecology discuss with Ecology management if there are any inconsistencies between the Washington Administrative Code and the <i>Central Plateau Inner Area Cleanup Principles</i>	09/11/25 – Ecology reported it is not likely that a decision will be made on this issue until after the Hanford Sitewide Permit Rev. 9 is issued.	Ecology	Open

DOE-HFO/Ecology TPA and CD Agreements, Issues, and Action Items – December 2025 Meeting

#	Action ID Start Date	Action	Updates / Needs for Closure	Actionee(s)	Status/ Date Closed
		<p><i>and Parameters</i> (DOE-/RL-2019-46 Rev.0) – which was agreed to by the Parties and added to the Tri-Party Agreement Appendix F on 10/28/20 (<u>AR-04246</u>) – and provide them to DOE-HFO.</p>	<p>October – November 2025 – No change in status.</p>		

Documents Submitted to the Administrative Record (AR)

Other	Primary, Secondary, or Other	Requesting Agency	Request Date	Document Number	Revision	Title	Comment	AR Link or AR Accession No.	PMM Request Date	PMM Approved /Disapproved
M-045-56	Other	ECY/DOE	November 2025	RPP-RPT-65442	0	Data Quality Assessment for Soil Samples Collected for Phase 1 of Interim Measures at 241-B Tank Farm	To support work associated with M-045-56	AR-37796	11-Dec-25	
M-045-116 & M-045-117	Other	ECY/DOE	November 2025	RPP-RPT-65703	0	Analytical Report for Sampling and Analysis for the Waste Management Area S-SX (Cores D0580, D0582, D0584, D0586, D0588)	Lab reports to support M-045-116 and M-045-117	AR-37799	11-Dec-25	
M-045-116 & M-045-117	Other	ECY/DOE	November 2025	RPP-RPT-65770	0	Final Report for the S-SX Farm Shallow Set 1 Off-Site Lab Reports (Core D0580, D0582, D0584, D0586, D0588)	Lab reports to support M-045-116 and M-045-117	AR-37800	11-Dec-25	
M-045-116 & M-045-117	Other	ECY/DOE	November 2025	RPP-RPT-65854	0	Analytical Report for Sampling and Analysis for the Waste Management Area S-SX (Core D0578)	Lab reports to support M-045-116 and M-045-117	AR-37801	11-Dec-25	
M-045-116 & M-045-117	Other	ECY/DOE	November 2025	RPP-RPT-65914	0	Final Report for the S-SX Deep Borehole Off-Site Lab Reports (D0578)	Lab reports to support M-045-116 and M-045-117	AR-37802	11-Dec-25	
M-045-116 & M-045-117	Other	ECY/DOE	November 2025	RPP-RPT-65930	0	Analytical Report for Sampling and Analysis for the Waste Management Area S-SX (CORE D0600)	Lab reports to support M-045-116 and M-045-117	AR-37803	11-Dec-25	
M-045-116 & M-045-117	Other	ECY/DOE	November 2025	RPP-RPT-66023	0	Final Report for the S-SX Deep Borehole Off-Site Lab Reports (D0604)	Lab reports to support M-045-116 and M-045-117	AR-37804	11-Dec-25	
M-045-116 & M-045-117	Other	ECY/DOE	November 2025	RPP-RPT-66024	0	Final Report for the S-SX Deep Borehole Off-Site Lab Reports (D0600)	Lab reports to support M-045-116 and M-045-117	AR-37813	11-Dec-25	
M-045-116 & M-045-117	Other	ECY/DOE	November 2025	RPP-RPT-66031	0	Analytical Report for Sampling and Analysis for the Waste Management Area S-SX (Core D0602)	Lab reports to support M-045-116 and M-045-117	AR-37817	11-Dec-25	
M-045-116 & M-045-117	Other	ECY/DOE	November 2025	RPP-RPT-66032	0	Analytical Report for Sampling and Analysis for the Waste Management Area S-SX (Core D0604)	Lab reports to support M-045-116 and M-045-117	AR-37819	11-Dec-25	
M-045-116 & M-045-117	Other	ECY/DOE	November 2025	RPP-RPT-66036	0	Analytical Report for Sampling and Analysis for the Waste Management Area S-SX (Core D0606)	Lab reports to support M-045-116 and M-045-117	AR-37820	11-Dec-25	

TPA Change Notices

Milestone	CN No.	Document Number	Revision	Document Title	Description of Change	Comment	CN Status	CN Document Date	DOE CN Signature Date	ECY CN Signature Date	CN AR Link	CN Approved/ Disapproved/ Cancelled
No CNs for November												

Agreed Order Requirements for Single-Shell Tanks (SSTs) 241-B-109 and 241-T-111

Reference State of Washington Department of Ecology Administrative Order, [Agreed Order Docket No. 21304, Agreed Order between Ecology and DOE, regarding SSTs 241-B-109 and 241-T-111, dated August 25, 2022](#). The following table provides the status of the Agreed Order (AO) requirements:

No.	Due Date	Status	Requirement	AO Reference	DOE AM	Remarks
A-022-01	8/25/2023	Complete 8/18/2023	Submit SST System Leak Response Plan	AO V.A.1.i	Noyes, Delmar	Reference DOE letter 23-TF-0030 dated 8/18/2023, which transmitted RPP-PLAN-65643, "Single-Shell Tank System Leak Response Plan," Rev. 0 to ECY, completing this requirement.
A-022-02	8/25/2023	Complete 8/18/2023	Submit results of intrusion investigation and, if applicable, Intrusion Response Work Plan	AO V.B.1.ii	Noyes, Delmar	Reference DOE letter 23-TF-0031 dated 8/18/2023, which submitted RPP-RPT-64422, Tank 241-B-109 and 241-T-111 Intrusion Investigation and Intrusion Response Work Plan, Rev 0 to ECY, completing this requirement.
A-022-03	3/31/2027	On Schedule	If applicable, implement Intrusion Response Work Plan and submit final report on effectiveness of intrusion response actions	AO V.B.2	Bang, Ricky	Reference DOE letter 23-TWO-0024 dated 1/3/24, which submitted RPP-RPT-64422, "Tank 241-B-109 and 241-T-111 Intrusion Investigation and Intrusion Response Work Plan," Rev. 1 to ECY, which identified the Final Report being issued by 3/31/2027.
A-022-04	8/25/2023	Complete 8/21/2023	Submit active ventilation practicability evaluation and determination	AO V.C.1.iv	Noyes, Delmar	Reference DOE letter 23-TF-0033 dated 8/21/2023, which submitted RPP-RPT-64081, "241-B-109 Active Ventilation Practicability Evaluation," Rev. 0 to ECY, completing this requirement.
A-022-05	2/1/2024	Complete 1/30/2024	If applicable, submit Active Ventilation Work Plan	AO V.C.1.v	Noyes, Delmar	Reference DOE letter 24-TWO-0006 dated 1/30/24, which submitted RPP-PLAN-65745, "Work Plan for Active Ventilation of 241-B-109 as an Interim Leak Response," Rev. 0 to ECY, completing this requirement.
A-022-06	TBD (Pursuant to approved Active Ventilation Work Plan schedule)	Complete 5/14/2024	If applicable, install and begin operation of active ventilation system on B-109	AO V.C.2.iii	Noyes, Delmar	Reference DOE letter 24-TWO-0059 dated 5/14/24, stating based on recent discussions with ECY, DOE has decided not to install an active ventilation system on Tank 241-B-109. This decision is made pursuant to Agreed Order Docket No. 21304, Section V.C.1.iii, which states that "installation [of an active ventilation system] will not be required if, based on the approved evaluation, DOE determines that [...] (iii) permitting or other requirements or issues (e.g., design limitations, scaling limitations) pose an unreasonable impediment to proceeding to installation."
A-022-07	8/31/2025	Complete 12/12/2024	Submit interim barrier design for T-Farm Submit revised RPP-RPT-61684, "Maintenance & Performance Monitoring Plan for the Interim Barriers" that includes the new 241-T Tank Farm barrier	AO V.D.1.i	Noyes, Delmar	Reference DOE letter 24-TWO-0167 dated 12/12/24, which submitted the T Tank Farm Interim Surface Barrier design package and RPP-RPT-61684, Maintenance and Performance Monitoring Plan for the Interim Surface Barriers Program, Rev 4A, to complete this requirement.
A-022-08	8/31/2026	Complete 3/10/2025	Submit interim barrier design for B-Farm Submit revised RPP-RPT-61684, "Maintenance & Performance Monitoring Plan for the Interim Barriers" that includes the 241-B Tank Farm barrier	AO V.D.1.ii	Noyes, Delmar	Reference DOE letter 25-TWO-0029 dated 3/10/25, which submitted the B Tank Farm Interim Surface Barrier design package and RPP-RPT-61684, Maintenance and Performance Monitoring Plan for the Interim Surface Barriers Program, Rev. 5 to complete this requirement.
A-022-09	09/30/2028* *(Day-for-day schedule extension began on 3/12/25)	On Schedule	Complete construction of interim barrier at T-Farm *The barrier design should be approved by ECY, by November 30, 2025. ECY will authorize construction upon approval of the final design. A day-for-day slip in completing construction of the barrier will be given for each day construction is not	AO V.D.2.i	Bang, Ricky	Reference DOE letter 24-TWO-0167 dated 12/12/24, which submitted the T Farm Interim Surface Barrier design package to ECY. Reference ECY letter 25-NWP-002 dated 1/02/25, which extended ECY's review/comment period on the T Farm Interim Surface Barrier design package to 2/25/25. Reference ECY letter 25-NWP-028 dated 2/19/25, which transmitted comments to DOE on RPP-RPT-61684, T Tank Farm Interim Surface Barrier Design and the Maintenance and Performance Monitoring Plan for the Interim Surface Barriers Program, Rev. 4A. Reference DOE letter 25-TWO-0052 dated 4/10/25, which responded to ECY's comments by providing RPP-RPT-61684, Rev 5A, and noted the day-for-day slip in completing construction of the barrier began on 3/12/25, three months after submittal of the interim surface barrier

Agreed Order Requirements for Single-Shell Tanks (SSTs) 241-B-109 and 241-T-111

Reference State of Washington Department of Ecology Administrative Order, [Agreed Order Docket No. 21304, Agreed Order between Ecology and DOE, regarding SSTs 241-B-109 and 241-T-111, dated August 25, 2022](#). The following table provides the status of the Agreed Order (AO) requirements:

No.	Due Date	Status	Requirement	AO Reference	DOE AM	Remarks
			authorized following 3 months after submittal.			design with letter 24-TWO-0167. Reference ECY letter 25-NWP-071 dated 5/08/25, which extended ECY's review/comment period on the T-Tank Farm Interim Surface Barrier Design and RPP-RPT-61684, Maintenance and Performance Monitoring Plan for the Interim Surface Barriers Program, Rev. 5A to 6/25/25. Reference ECY letter 25-NWP-095 dated 6/18/25, which transmitted comments to DOE on RPP-RPT-61684, Rev 5A.
A-022-10	09/30/2028* *(Day-for-day schedule extension began on 6/10/25)	On Schedule	Complete construction of interim barrier at B-Farm *The barrier design should be approved by ECY, by November 30, 2026. ECY will authorize construction upon approval of the final design. A day-for-day schedule extension for completing construction of the barrier will be given for each day construction is not authorized following 3 months after submittal.	AO V.D.2.ii	Bang, Ricky	Reference DOE letter 25-TWO-0029 dated 3/10/25, which submitted the B Tank Farm Interim Surface Barrier design package to ECY. Reference ECY letter 25-NWP-049 dated 3/24/25, which extends ECY's review/comment period on the B-Tank Farm Interim Surface Barrier Design to 6/10/25. Reference ECY letter 25-NWP-084 dated 6/09/25, which submitted comments to DOE on the B-Tank Farm Interim Surface Barrier Design and RPP-RPT-61684, Rev 5.
A-022-11	10/31/2024	Dispute Resolution Complete 1/14/2025	Complete System Plan 10 milestone negotiations *A day-for-day slip in completing these milestone negotiations will be given for each day that the deadline for submission of System Plan 10 under HFFCO Milestone M-062-40 is extended by mutual agreement of the Parties.	AO V.E.2.i	Noyes, Delmar	Reference DOE letter 24-TWO-0077 REISSUE dated 7/03/24, which requested to initiate milestone negotiations with ECY. DOE and ECY conducted first milestone negotiation session on 9/11/24 and negotiations were ongoing through 10/31/24. Reference DOE letter 24-TWO-0133 dated 11/01/24, which invoked dispute resolution with ECY regarding Agreed Order requirement, V.E.2.i (A-022-11), "Negotiate new HFFACO milestones for the retrieval of SSTs 241-T-111 and 241-B-109. On 11/27/24, dispute was extended at the PM level from 12/02/24 until 1/31/25. Reference approval of TPA Change Control Form M-45-25-01 on 1/14/25, which resolved the dispute and completed this requirement by establishing new TPA Interim Milestones M-045-140 and M-045-141 for retrieval of tank waste from SSTs 241-B-109 and 241-T-111.
A-022-12	8/25/2024	Complete 8/08/2024	Submit Leak Detection and Monitoring Technology Evaluation	AO V.F.1.ii	Noyes, Delmar	Reference DOE letter 24-TWO-0091 dated 8/08/24, which submitted RPP-RPT-64595, Rev 0 to ECY for approval and completed this requirement.
A-022-13	TBD (Within 90 days of ECY's approval of the Leak Detection and Monitoring Technology Evaluation)	On Schedule	If applicable, submit Leak Detection and Monitoring Technology Work Plan	AO V.F.2.ii	Bang, Ricky	Reference DOE letter 24-TWO-0091 dated 8/08/24, which submitted RPP-RPT-64595, Rev 0 to ECY for approval. Reference ECY letter 24-NWP-177 dated 9/19/24, which extended their review/comment period until 11/08/24. Reference ECY letter 24-NWP-206 dated 11/08/24, which extended their review/comment period until 12/20/24. Reference ECY letter 24-NWP-224 dated 12/19/24, which transmitted comments on RPP-RPT-64595, Rev 0 to DOE for comment resolution. Reference DOE letter 25-TWO-0003 dated 1/15/25, which extended DOE's comment resolution period to 4/24/25. Reference ECY letter 25-NWP-014 dated 2/07/25, approving DOE's extension for comment resolution to 4/24/25. Reference DOE letter 25-TWO-0054 dated 4/17/25, which extended DOE's comment resolution period to 6/30/25. Reference ECY letter 25-NWP-064 dated 4/28/25, approving DOE's extension for comment resolution to 6/30/25. Reference DOE letter 25-TWO-0069 dated 5/21/25, which submitted RPP-RPT-64595, Rev 1 and responded to ECY's comments. Reference ECY letter 25-NWP-094 dated 6/20/25, which submitted comments to DOE on RPP-RPT-64595, Rev 1. Reference DOE letter 25-TWO-0085 dated

Agreed Order Requirements for Single-Shell Tanks (SSTs) 241-B-109 and 241-T-111

Reference State of Washington Department of Ecology Administrative Order, [Agreed Order Docket No. 21304, Agreed Order between Ecology and DOE, regarding SSTs 241-B-109 and 241-T-111, dated August 25, 2022](#). The following table provides the status of the Agreed Order (AO) requirements:

No.	Due Date	Status	Requirement	AO Reference	DOE AM	Remarks
						7/15/25, which responded to ECY's comments. Reference ECY letter 25-NWP-131 dated 8/14/25, which transmitted comments on RPP-RPT-64595, Rev 1 to DOE for comment resolution. Reference DOE letter 25-TWO-0107 dated 9/11/2025, which responded to ECY's comments and requested ECY's approval of RPP-RPT-64595, Rev 1. Reference ECY letter 25-NWP-162 dated 10/08/25, which extended their review period to 11/13/25. Reference ECY letter 25-NWP-200 dated 11/12/25, which extended their review period to 1/15/26.
A-022-14	TBD (Pursuant to approved Leak Detection and Monitoring Technology Work Plan schedule)	On Schedule	If applicable, implement Leak Detection and Monitoring Technology Work Plan	AO V.F.2.iii	Bang, Ricky	

NOTES:

- On September 26, 2022, the Heart of America Northwest appealed the Agreed Order between Ecology and DOE, Docket No. 21304, regarding the response to the ongoing release of mixed radioactive hazardous waste from the leaking SSTs at the Hanford Nuclear Reservation (reference the [Case No. P22-073](#)).
- On May 10, 2023, the PCHB issued [Settlement Agreement PCHB No. 22-073](#) from the Heart of America Northwest appeal of the Agreed Order between Ecology and DOE.

Addendum to Agreed Order Requirements for Single-Shell Tank 241-T-101

Reference State of Washington Department of Ecology Administrative Order, [Addendum to Agreed Order Docket No. 21304, Agreed Order between Ecology and DOE, regarding SST 241-T-101](#), dated November 20, 2024. The following table provides the status of the AO requirements:

No.	Due Date	Status	Requirement	AO Reference	DOE AM	Remarks
A-024-01	1/31/2025	Complete 1/16/2025	Submit results of 241-T-101 intrusion investigation and, if applicable, Intrusion Response Work Plan	AO Addendum V.B.1	Noyes, Delmar	Reference DOE letter 25-TWO-0002 dated 1/16/25, which submitted RPP-RPT-65278, "Tank 241-T-101 Intrusion Investigation and Intrusion Response Work Plan," Revision 0, to ECY.
A-024-02	Pursuant to approved Intrusion Response Work Plan schedule	On Schedule	If applicable, implement 241-T-101 Intrusion Response Work Plan and submit final report on effectiveness of intrusion response actions	AO Addendum V.B.2	Bang, Ricky	Reference ECY letter 25-NWP-023 dated 2/05/25, extending their review/comment period on RPP-RPT-65278, Tank 241-T-101 Intrusion Investigation and Intrusion Response Work Plan, Rev 0, to 4/16/25. Reference ECY letter 25-NWP-059 dated 4/16/25, extending their review/comment period on RPP-RPT-65278, Tank 241-T-101 Intrusion Investigation and Intrusion Response Work Plan, Rev 0, to 5/20/25. Reference ECY letter 25-NWP-069 dated 5/16/25, which transmitted comments to DOE on RPP-RPT-65278, Rev 0. Reference DOE letter 25-TWO-0072 dated 6/02/25, which requested an extension to respond to ECY's comments to 7/25/25. Reference ECY letter 25-NWP-088 dated 6/13/25, which concurred with DOE's extension to 7/25/25 to resolve ECY's comments. Reference DOE letter 25-TWO-0089 dated 7/22/25, which responded to ECY's comments and submitted RPP-RPT-65278, Rev 1 to ECY for review. Reference ECY letter 25-NWP-137 dated 8/20/25, extending their review/comment period to 9/21/25. Reference ECY letter 25-NWP-154 dated 9/17/25, extending their review/comment period to 10/24/25. Reference ECY letter 25-NWP-172 dated 10/16/25, which transmitted comments to DOE on RPP-RPT-65278, Rev 1. Reference DOE letter 25-TWO-0135 dated 10/28/25, which extended DOE's comment resolution period to 12/31/25. Reference ECY letter 25-NWP-199 dated 11/06/25, which concurred with DOE's extension to 12/31/25 to resolve ECY's comments.
A-024-03	1/31/2025	Complete 1/16/2025	Submit 241-T-101 active ventilation practicability evaluation and determination	AO Addendum V.C.1	Noyes, Delmar	Reference DOE letter 25-TWO-0006 dated 1/16/25, which submitted RPP-RPT-65234, "241-T-101 Active Ventilation Practicability Evaluation," Revision 0, to ECY.
A-024-04	Within 90 days of ECY's approval of the active ventilation practicability evaluation and determination	Complete 8/27/2025	If applicable, submit 241-T-101 Active Ventilation Work Plan	AO Addendum V.C.2	Bang, Ricky	Reference ECY letter 25-NWP-023 dated 2/05/25, extending their review/comment period on RPP-RPT-65234, Tank 241-T-101 Active Ventilation Practicability Evaluation, Rev 0, to 4/16/25. Reference ECY letter 25-NWP-059 dated 4/16/25, extending their review/comment period on RPP-RPT-65234, Tank 241-T-101 Active Ventilation Practicability Evaluation, Rev 0, to 5/20/25. Reference ECY letter 25-NWP-078 dated 5/20/25, extending their review/comment period on RPP-RPT-65234, Rev 0, to 6/20/25. Reference ECY letter 25-NWP-096 dated 6/18/25, which submitted comments to DOE on RPP-RPT-65234, Rev 0. Reference DOE letter 25-TWO-0086 dated 7/16/25, which responded to ECY's comments. Reference ECY letter 25-NWP-138 dated 8/27/25, which approved RPP-RPT-65234, Tank 241-T-101 Active Ventilation Practicability Evaluation, Rev 0, and accepted the determination that active ventilation of SST 241-T-101 is not practicable and completes this requirement.
A-024-05	Pursuant to approved Active Ventilation Work Plan schedule	Complete 8/27/2025	If applicable, install and begin operation of active ventilation system on 241-T-101	AO Addendum V.C.3	Bang, Ricky	Reference ECY letter 25-NWP-138 dated 8/27/25, which approved RPP-RPT-65234, Tank 241-T-101 Active Ventilation Practicability Evaluation, Rev 0, and accepted the determination that active ventilation of SST 241-T-101 is not practicable and completes this requirement.

Addendum to Agreed Order Requirements for Single-Shell Tank 241-T-101

Reference State of Washington Department of Ecology Administrative Order, [Addendum to Agreed Order Docket No. 21304, Agreed Order between Ecology and DOE, regarding SST 241-T-101](#), dated November 20, 2024. The following table provides the status of the AO requirements:

No.	Due Date	Status	Requirement	AO Reference	DOE AM	Remarks
A-024-06	1/31/2025	Complete 1/14/2025	Negotiate new HFFACO milestones for retrieval of tank 241-T-101	AO Addendum V.E	Noyes, Delmar	Reference approval of TPA Change Control Form M-45-25-02 on 1/14/25, which completed this requirement by establishing new TPA Interim Milestone M-045-143 for retrieval of tank waste from SST 241-T-101.

**DOE Tank Waste Operations/Waste Treatment and Immobilization Plant
Tri-Party Agreement Quarterly Milestone Review Meeting
December 11, 2025**

ATTENDEES

Ricky Bang, DOE-TWO
Becky Blackwell, DOE-TWO
Jeff Cheadle, DOE-TWO
Mat Irwin, DOE-HFO
Dawn MacDonald, DOE-TWO
Chantal Martin, DOE-TWO
Erik Nelson, DOE-TWO
Will Ruane, DOE-TWO
Bibek Tamang, DOE-TWO
Tom Teynor, DOE-WTP
Bryan Trimberger, DOE-HFO
Craig Whiteley, DOE-WTP
Andy Wiborg, DOE-TWO
Katherine Wong, DOE-TWO
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