

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

August 14, 2025



DOE-HFO TWO/WTP Tri-Party Agreement/Consent Decree
Monthly Project Managers Meeting Minutes
August 14, 2025

CONCURRENCE 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 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.

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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 October 9, 2025. The next TPA/CD TWO/WTP Quarterly Milestone Review Meeting is September 11, 2025.

Recent Items Added to the Hanford Administrative Record (AR)

The Office of River Protection Tri-Party Agreement (TPA) and Consent Decree (CD) Monthly Reports for the period of June 1 – June 30, 2025, were entered into the Hanford AR on July 30, 2025. The meeting minutes from the July 10, 2025 TPA/CD TWO/WTP Monthly Project Managers Meeting were added to the Hanford AR on August 19, 2025.

*NOTE: For other documents added to the Hanford AR see, “*Items 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 noted that Milestone M-062-46, Negotiate Tank Waste Retrieval Sequencing and Milestones, was recently extended by one month, with a new due date of August 31, 2025 (reference TPA Change Control Form [M-62-25-03](#)). DOE-HFO also provided an update to note that Milestone M-062-01AY, Submit Annual Compliance Report to Ecology, was completed on July 7, 2025 (reference DOE-HFO letter [25-TWO-0084](#)).

For details on the status of specific milestones, see pages 1-3 of the June 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 – August 2025 Meeting.*”

Emergent Issues (Past 3 Months):

None

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 requested 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

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share those details with Ecology when those details are developed. There was no change in status. *This action remains open.*

Action No.2 (TF-25-05-01): Ecology requested DOE-HFO provide the intrusion investigation results for single-shell tanks (SST) 241-BY-108, 241-TX-101, and 241-TX-302B. DOE-HFO provided the results via a briefing to Ecology on 07/09/2025, as such Ecology agreed this action could be closed. *The action was closed.*

Action No. 3 (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 02/25/2025, 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 committed to scheduling a meeting with Ecology to discuss the draft TPA change control form. At today's meeting, DOE-HFO forecasted being able to provide the briefing to Ecology in September 2025. *The action remains open.*

New Action Added: Action No. 4 (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.

New Action Added: Action No. 5 (TF-25-08-02): DOE-HFO requests Ecology discuss with the WA Attorney General's Office and 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 approved to by the Parties on 10/28/2020 and added to TPA Action Plan Appendix F – and provide them to HFO.

**Note: New action numbers 4 and 5 will be added to the "Emergent Issues" for next month's meeting.*

Key Documents List and Status of Current TPA Change Notices:

The Key Documents List (*Items Recently Submitted to the Hanford Administrative Record and Status of Current TPA Change Notices*) was presented and is attached to these meeting minutes.

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, 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:

- Agreed Order #A-022-03, If applicable, implement Intrusion Response Work Plan and submit final report on effectiveness of intrusion response actions, due 03/31/27. DOE-HFO reported this requirement is on schedule.

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- Agreed Order #A-022-09, Complete construction of interim barrier at T-Farm. DOE-HFO noted a day-for-day slip from the original due date for completing this requirement began on 03/12/25. Due date will be set upon Ecology approval of the T-Farm interim barrier design.
- Agreed Order #A-022-10, Complete construction of interim barrier at B-Farm. DOE-HFO noted a day-for-day slip from the original due date for completing this requirement began on 06/10/25. Due date will be set upon Ecology approval of the B-Farm interim barrier design.

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 Past Accomplishments

- Nothing Reported.

Significant Planned Activities

- Complete Room 4C renovations. DOE-HFO provided an update to note that the renovations were completed on 08/07/2025 and the room has been turned over to Operations.
- Transfer 219-S Tank 102 contents to Tank 241-SY-101. Transfer is targeted for late October 2025.

Issues/Other Items

- Nothing reported.

4.0 SYSTEM PLAN

Significant Past Accomplishments

- DOE-HFO and Ecology met on 06/30/2025, to initiate scenario selection discussions for Rev. 11 of the System Plan in support of Milestones M-062-40K and M-062-40L. DOE-HFO and Ecology have met one additional time, with more meetings scheduled.

Significant Planned Actions in the Next Six Months.

- Nothing reported.

Issues/Other Items

- Nothing reported.

5.0 ACQUISITION OF NEW FACILITIES

Significant Past Accomplishments

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- Nothing reported.

Significant Planned Actions in the Next Six Months

- Nothing reported.

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 National Environmental Policy Act.

Issues/Other Items:

- Nothing reported.

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

- Complete Advanced Modular Pretreatment System (AMPS). The design is now at the 90% complete stage. Critical Decision-3A and key nuclear safety design packages are now with DOE-Headquarters for approval.

Issues/Other Items

- Ecology asked if DOE-HFO would be sharing an AMPS “Plan of Action” or any other internal construction milestones with Ecology. DOE-HFO responded it would be sharing

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those details with Ecology after it receives the necessary approvals from DOE-Headquarters.

9.0 TANK-SIDE CESIUM REMOVAL SYSTEM (TSCR)

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Initiate TSCR Campaign 2 (dependent on Direct Feed Low Activity Waste Facility startup).

Issues/Other Items

- Ecology asked if DOE-HFO has plans for storage of Campaign 2 processed waste in lieu of the Direct Feed Low-Activity Waste (DFLAW) Facility not starting in time to clear the backlog of TSCR Campaign 1 waste. DOE-HFO replied they would not be able to store the processed waste until the DFLAW Facility begins processing/vitrifying waste.

10.0 TEST BED INITIATIVE (TBI) DEMONSTRATION

Significant Past Accomplishments

- The TBI in-tank equipment was removed from Tank 241-SY-101 and the shield plug was installed on June 24, 2025. The equipment will be packaged and shipped to storage on the TSCR Ion-Exchange pad.

Significant Planned Actions in the Next Six Months

- Submit TBI final report to Ecology. DOE-HFO anticipates submitting the report to Ecology in October 2025.

Issues/Other Items

- Nothing reported.

11.0 242-A EVAPORATOR STATUS

Significant Past Accomplishments

- Completed the 242-A Evaporator Campaign EC-11.
- Completed the 242-A Evaporator Campaign EC-12.
- Completed the 242-A Evaporator Campaign EC-13.

Significant Planned Actions in the Next Six Months

- Perform 242-A Evaporator Campaigns EC-14 and EC-15. DOE-HFO added that EC-14 is scheduled to begin in early September 2025.

Issues/Other Items

- DOE-HFO reported a potential issue with pitting in the evaporator boiler tubes, but the issue was resolved allowing EC-14 to proceed. The corrosion was visually identified, but

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a nondestructive assay confirmed the tubes were sound. DOE-HFO does, however, plan to replace the boiler tubes after EC-15.

- Ecology asked DOE-HFO for planned volume processed for EC-14. DOE-HFO responded it would be approximately 250,000 gallons. Ecology also asked for a follow-up on the actual gallons processed after the campaign is complete. DOE-HFO committed to doing so.

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

Significant Past Accomplishments

Operations

- Completed 3.545-million-gallon campaign. DOE-HFO provided an update to note that during the current campaign, the total gallons processed was now slightly more than 5.1 million.

Projects

- Nothing reported.

Significant Planned Actions in the Next Six Months

Operations

- Nothing reported.

Projects

- Nothing reported.

LERF Volumes

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

Issues/Other Items

- Ecology asked about a blocked line in the carbon dioxide (CO₂) steam-stripper. DOE-HFO replied that the CO₂ steam stripper, CO₂ removal skid and chiller are all currently undergoing cold testing. Ecology also asked about the Thin Film Dryer, which DOE-HFO said was still being repaired, but the Brine Load Out System was being used in its place and is working well.

13.0 TANK SYSTEM UPDATE

13.1 Double-Shell Tank Integrity

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

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- DOE-HFO reported that TPA Milestone M-045-91E6, Provide SST Farms Dome Deflection Surveys Every Two Years, due 09/30/25 is ahead of schedule. DOE-HFO is finalizing the report for transmittal to Ecology.
- Complete deployment of Cold Spray System and coating application in Tank 241-AN-105. DOE-HFO provided an update to note the cold spray deployment was successfully completed on July 17, 2025.

Ultrasonic Testing Report Status

- Nothing reported.

Issues/Other Items

- During the status of current actions portion of the meeting, Ecology asked DOE-HFO for a copy of the Corrosion Inspection of Tank AY-102. DOE-HFO responded it would pursue providing the report to Ecology.
- Ecology asked if DOE-HFO had identified any abnormalities in recent DST annulus and ultrasonic testing results. DOE-HFO replied it had not.

13.2 Single-Shell Tank Integrity

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Nothing reported.

RPP-9937 Rev. 5 Updates

- See also, “RPP-9937 Requirement Reporting Dashboard” attached to these meeting minutes.
- DOE-HFO provided the listing of Tanks Currently Exceeding Specification Limits. There were no comments or questions.
- There were no Required Valid Readings Missed.
- The replacement of the manual tape to an Enraf (Enraf is a trademark of Honeywell International, Inc.) has been completed in Tank 241-EW-151 (a Miscellaneous

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Underground Storage Tank). RPP-9937 has been updated. A valid second quarter reading was taken with the Enraf on 6/18/2025.

- DOE-HFO provided the listing of Baseline Change Authorizations Implemented. There were no questions.
- Newly Identified Intrusions were reported at tanks BY-105 and TX-103. Ecology was briefing on those intrusions in July 2025. Ecology asked for the presentation materials from that briefing. DOE-HFO agreed to provide them.
- DOE-HFO provided the listing of Tank Levels Returned within Specification Limits. There were no questions.

Issues/Other Items

- Nothing reported.

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

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Significant Past Accomplishments

- Nothing reported.

Significant Planned Activities in the Next Six Months

- Respond to Ecology comments on RPP-PLAN-65977, Phase 2 RCRA Facility Investigation/Corrective Measures Study Work Plan for WMA S-SX. DOE-HFO reported a comment resolution meeting with Ecology took place on August 11, 2025.
- Ecology complete review of RPP-ENV-64037, TPA Appendix I WMA A-AX Performance Assessment for Closure Volume 3 - Risk Assessment of Contaminated Soils and Vadose Zone Sediments by July 10, 2025, in accordance with Ecology’s second comment period extension. DOE-HFO noted that Ecology had extended its comment response until August 28, 2025, and asked Ecology if it planned on extending again. Ecology responded it expected to provide comments by August 28, 2025.
- Ecology complete review of RPP-PLAN-66053, Phase 2 RCRA Facility Investigation/Corrective Measures Study Work Plan for WMA U by July 12, 2025. DOE-HFO provided an update to note that Ecology had extended its comment response period to September 12, 2025.
- Ecology complete review of the RPP-PLAN-64743, Phase 2 RCRA Facility Investigation Report for WMA A-AX by July 13, 2025. DOE-HFO provided an update to note that Ecology had extended its comment response period to September 12, 2025.

Issues/Other Items

- Nothing reported.

17.0 SINGLE-SHELL TANK RETRIEVAL PROGRAM

Significant Past Accomplishments

- DOE-HFO completed the draft Tank A-103 Tank Waste Retrieval Work Plan in support of TPA Milestone M-045-13, Complete Tank A-103 Tank Retrieval, due 9/30/28, and would be sharing the document with Ecology soon.
- DOE-HFO transmitted [RPP-PLAN-66918](#), *Retrieval Technology Work Plan*, Rev. 1, to Ecology on June 9, 2025 to complete TPA Milestone M-045-136.
- 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

- 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:

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The May 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 June 2025 TPA Monthly Report.

- The month showed an unfavorable schedule variance of approximately \$2.04M.
- The current month showed an unfavorable cost variance of \$2.57M.

Waste Feed Delivery/Treatment:

The May 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 June 2025 TPA Monthly Report.

- The month showed a favorable schedule variance of \$137,881.
- The month showed an unfavorable cost variance of \$513,373.

Treat Waste:

The May 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 June 2025 TPA Monthly Report.

- The month showed an unfavorable schedule variance of \$404,821.
- The month showed a favorable cost variance of \$764,740.

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.

DOE-HFO highlighted the recent completion of Consent Decree Milestone D-16C-03AK, Submit Quarterly Report to Ecology and the State of Oregon, completed on 08/12/25 (outside the reporting period of the June 2025 Consent Decree Monthly Report).

See pages 3-5 of the DOE-HFO June 2025 Consent Decree Monthly Report as well as individual sections of these meeting minutes 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 August 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

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the vault will begin to support the HLW Facility. There was no change in status – briefing pending. *The action remains open.*

Action No. 2 (WTP-25-05-01) – Ecology requested a copy of the Pretreatment (PT) Facility Reutilization Study. DOE-HFO reported the PT Facility Reutilization Study is on hold and there are no current plans to alter the facility from its current configuration. As such, Ecology agreed the action could be closed. *The action was closed.*

20.0 SINGLE-SHELL TANK RETRIEVAL PROGRAM

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

- DOE-HFO reported a favorable schedule variance of approximately \$1.9M.
- DOE-HFO reported a favorable cost variance of approximately \$1.1M
- Neither of the above variances affect Consent Decree milestones.

Significant Accomplishments during the Prior Month

Completed Accomplishments

- Nothing reported.

On-Going Activities

- Continued Tank A-101 retrieval operations. The total waste volume retrieved as of the end of June 2025 was approximately 72 percent. DOE-HFO added an update to note that volume retrieved was now at approximately 90%.

Significant Planned Activities in the Next Month

- Nothing reported.

Issues/Other Items

- The slurry line from the A Tank Farm to Tank AP-101 was not successfully flushed after a transfer, indicating a potential blockage within the slurry line. An alternate transfer route has been identified and was utilized for the resumption of Tank A-101 retrievals. DOE-HFO provided an update to note that due to favorable weather conditions, the line was unplugged over the weekend of August 9-10, 2025, and is now operational again.

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 reported an update on the *A-103 Tank Waste Retrieval Work Plan* (RPP-PLAN-65683) noting the draft was completed and would be shared informally with Ecology soon.

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- DOE-HFO reported an update on the *AX-101 Tank Waste Retrieval Work Plan* (RPP-PLAN-58932, Rev.1), noting that Rev. 1 was complete and DOE-HFO is working with Ecology on resolving the 51 comments Ecology submitted.
- DOE-HFO also extended an invitation to Ecology to visit the Cold Test Facility to observe retrieval operations. Ecology expressed interest in doing so.

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 June 2025 Consent Decree Monthly Report.

For May 2025, DOE-HFO reported a favorable schedule variance of approximately \$8.9M.

- Schedule performance for the HLW Facility was nearly 20 percent ahead of schedule.
- Construction had a favorable schedule of \$11.4 million associated with above average economies of scale in slab embed installation associated with long runs, open work front efficiencies during crane and manipulator rail installations, and the Fireproofing and steel coatings subcontract mobilizing and working offsite coatings ahead of schedule. The favorable construction variance was offset by an unfavorable variance of \$2.1 million related to delays in emissions modeling, offgas studies, and operational research modeling activities supporting DFHLW rheology and technology development activities. HLW system design continues to perform ahead of schedule. Through May 2025, the schedule critical path to completion of 90 percent system design reviews was 87 days ahead of the deterministic completion date provided by Bechtel National Inc. (BNI), with their November 2023 proposal for the design completion period.

For May 2025, DOE-HFO reported a net favorable cost variance of approximately \$9.4M.

- Current month cost performance on the HLW Facility was a favorable \$9.4 million. The majority of the favorable variance is associated with construction, due to efficiencies during installation of HLW Canister Export Handling System crane 1 and crane rails, wall module modifications, and fabrication performance recovery.
- The current month cost variance for Project Services was an unfavorable \$3.3 million, due to time-dependent costs for DFLAW being incurred later than baseline completion.
- Overall, DOE-HFO reported, the HLW Facility is showing a favorable cumulative fiscal year cost variance of 9%.

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

For the May 2025 reporting period, LBL/DFLAW reported an EAC increase of approximately \$31.4M, due to:

- An \$11.4 M increase due to an adjustment to the Critical Path schedule from September 11, 2025, to September 19, 2025, and a \$15.3 million increase due to the reforecasting of remaining work and subcontract support commitment values.
- Approximately \$700,000 increase associated with incorporation of ASME AG-1 HEPA Testing of the LAW secondary offgas/vessel vent process system (LVP) system in

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support of Washington Department of Health condition of acceptance and the addition of insulation and heat trace variance trends recognized in the period.

Issues/Other Items

- Ecology asked DOE-HFO if it still planned to have Phase 1 design completion by mid-2026. DOE-HFO noted that the design was now being done in two periods – Phase 1A and Phase 1B to get better pricing and reduce estimate uncertainty. As such, the current plan has Phase 1A completion on March 31, 2026 and Phase 1B completion in 2027. DOE-HFO added that it had just completed contract negotiations with BNI on Phase 1A design.

23.0 PRETREATMENT FACILITY

Project Schedule and Cost Variance Performance

- Nothing reported.

Significant Accomplishments during the Prior Month

- Nothing reported.

Ongoing Activities:

- Continued to implement asset 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

- See Section 19.0, Action Items (Action No. 2, WTP-25-05-01) of this report.

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 that were more recent than the June 2025 Consent Decree Monthly Report, with the following:

- More than 1000 yards of concrete have been poured at the +58- and +72-foot levels of the HLW Facility. Two slabs and a wall are remaining for calendar year 2025.
- Eight more “over the top” equipment settings are planned for calendar year 2025.
- Five additional 90% System Designs are planned for the calendar year.
- The 90% system design review completion milestone for the HLW Facility continues to track 87 days ahead of schedule.
- Steel erection at the +58-foot level has resumed, which is the first steel construction since 2012.

DOE-HFO TWO/WTP Tri-Party Agreement/Consent Decree
Monthly Project Managers Meeting Minutes
August 14, 2025

Ongoing Activities:

- See above.

Significant Planned Activities in the Next Month

- See above.

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

- Completed Relative Accuracy Test Audit.
- Completed the DOE Operational Readiness Review.
- Completed two Destruction and Removal Efficiency tests – both with positive results.
- Initiated “Shakedown” testing in dual melter configuration. DOE-HFO reported difficulties when both melters are at maximum capacity resulting in the melters tripping, then a resulting delay of 12 to 14 hours for the melters to reheat. DOE-HFO added that issues with melter interlocks seem to be the reason the melters are tripping and being shut down.
- The tests have also revealed a possible need for repairs to Exhausters B and C. DOE-HFO also reported issues with the Melter 2 air purge heater. DOE-HFO reported that the caustic scrubber is not reacting to the nitrate feed, with its differential pressure readings going up. Diagnostic tests and repairs have been initiated.
- DOE-HFO reported that it continues to have high confidence in single-melter operations, but it is concerned with the tripping during dual-melter operations.

On-Going Activities

- Maintain both LAW Melters at operating temperature and glass pool level.

Significant Planned Activities in the Next Month

- Continue activities to support the phased upgrade of the LAW glass former system.
- Initiate Environmental Performance Demonstration Test.

Issues/Other Items

- DOE-HFO reported difficulties when both melters are at maximum capacity resulting in the melters tripping, then a resulting delay of 12 to 14 hours for the melters to reheat. The tests have also revealed a possible need for repairs to Exhausters B and C. DOE-HFO also reported issues with the Melter 2 air purge heater.
- DOE-HFO reported that the caustic scrubber is not reacting to the nitrate feed, with its differential pressure readings going up. Diagnostic repairs have been initiated.

26.0 BALANCE OF FACILITIES

**DOE-HFO TWO/WTP Tri-Party Agreement/Consent Decree
Monthly Project Managers Meeting Minutes
August 14, 2025**

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:

- Nothing reported.

Significant Planned Activities in the Next Month

- Nothing reported.

Issues/Other Items

- Nothing reported.



THE HANFORD SITE

Hanford Field Office Consent Decree Monthly Report Tri-Party Agreement Monthly Report

Monthly Reporting Period

June 1 – 30, 2025

August 14, 2025

- Safety Culture Share
- Tank Waste Operations (8:30 am – 10:15 am)
 - Past Agreements/Actions/Emergent Issues
 - Key Documents
 - Agreed Order Action Items
 - Consent Decree
 - Tri-Party Agreement
 - RPP-9937 Requirements Reporting Dashboard
 - Questions?
- WTP (10:15 am – 11:00am)

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

Agreements:

1. Per an Ecology standing request (4/21/2016), 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. [None](#).

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 Hanford Sitewide Permit and Dangerous Waste Regulations”.	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 the Holistic Negotiations Settlement	DOE-HFO	Open

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

#	Action ID Start Date	Action	Updates / Needs for Closure	Actionee(s)	Status/ Date Closed
		<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>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 – July 2025 – No change in status.</p>		
2	TF-25-05-01 08 May 2025	Ecology requests Intrusion Investigation results for tanks	06/12/25 – DOE-HFO estimated providing the briefing to Ecology in July 2025.	DOE-HFO	Closed

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

#	Action ID Start Date	Action	Updates / Needs for Closure	Actionee(s)	Status/ Date Closed
		241-BY-108, 241-TX-101, and 241-TX-302B	07/10/25 – DOE-HFO provided the briefing to Ecology on 07/09/25, as such Ecology agreed the action could be closed.		(07/10/25)
3	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 form.	DOE-HFO	Open

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	July 2025	RPP-RPT-65456	1	Analytical Report for Sampling and Analysis for the B-Farm (Core D0374)	B-Farm lab reports associated with M-045-56 interim measures field work.	AR-35562	14-Aug-25	
N/A	Other	ECY/DOE	July 2025	HNF-EP-0182	449	Waste Tank Summary Report for Month Ending May 31, 2025	Supporting documentation	AR-35587	14-Aug-25	
M-045-56	Other	ECY/DOE	July 2025	N/A	N/A	Meeting Notes - M-045-56 Interim Measures Annual Meeting	Supports the M-045-56U milestone	AR-35612	14-Aug-25	
M-023-23	Primary	ECY/DOE	July 2025	RPP-9937	5E	Single-Shell Tank System Leak Detection and Monitoring Functions and Requirements Document	Submittal to capture upcoming change notice	AR-35632	14-Aug-25	
M-045-56	Other	ECY	July 2025	RPP-RPT-65400	N/A	Final Report For The B-Farm Phase II (Core D0486 Off-Site Lab Reports)	B-Farm lab reports associated with M-045-56 interim measures field work.	AR-35719	14-Aug-25	
M-045-56	Other	ECY	July 2025	RPP-RPT-65271	00	Final Report For The B-Farm Phase II (Core D0490 Off-Site Lab Reports)	B-Farm lab reports associated with M-045-56 interim measures field work.	AR-35721	14-Aug-25	
M-045-56	Other	ECY	July 2025	RPP-RPT-65284	00	Final Report For The B-Farm Phase II (Core D0488 Off-Site Lab Reports)	B-Farm lab reports associated with M-045-56 interim measures field work.	AR-35736	14-Aug-25	
M-045-123	Other	ECY/DOE	July 2025	RPP-RPT-49089	1	Hanford B-Farm Leak Inventory Assessments Report	support the WMA B-BX-BY RFI/CMS Work Plan and Data Quality Objectives report for HFFACO Milestone M-045-123	AR-35755	14-Aug-25	
M-045-123	Other	ECY/DOE	July 2025	RPP-RPT-65494	0	Hanford Waste Management Area B-BX-BY Tank and Ancillary Equipment Residual Waste Inventory Estimates	support the WMA B-BX-BY RFI/CMS Work Plan and Data Quality Objectives report for HFFACO Milestone M-045-123	AR-35756	14-Aug-25	
M-045-108	Other	ECY/DOE	July 2025	RPP-RPT-42231	2	Summary of Twenty-Five Miscellaneous Tanks Associated with the Single-Shell Tank System	support the RCRA Tier 3, 241-C-301 Closure Plan for HFFACO Milestone M-045-108.	AR-35761	14-Aug-25	
M-045-108	Other	ECY/DOE	July 2025	RPP-RPT-63516	1	Final Analytical Report for Catch Tank 241-C-301 Sampling and Analysis Plan	support the RCRA Tier 3, 241-C-301 Closure Plan for HFFACO Milestone M-045-108.	AR-35762	14-Aug-25	
M-045-108	Other	ECY/DOE	July 2025	RPP-RPT-63741	0	Derivation of Best-Basis Inventory for Tank 241-C-301 as of July 1, 2022	support the RCRA Tier 3, 241-C-301 Closure Plan for HFFACO Milestone M-045-108.	AR-35828	14-Aug-25	
N/A	Other	ECY/DOE	July 2025	N/A	N/A	Meeting Notes - WMA S-SX Sample Interval Selection Meeting - D0602 and D0616	document the deep sample depths for direct push that were selected in a meeting with DOE and Ecology, according to RPP-PLAN-65977.	AR-35992	14-Aug-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												

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 1/3/2024, 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.

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-022-09	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 authorized following 3 months after submittal.	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 2/19/2025, 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 March 12, 2025, three months after submittal of the interim surface barrier design with letter 24-TWO-0167. Reference ECY letter 25-NWP-071 dated 5/08/2025, 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 6/25/2025. 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 7/03/2024, which requested to initiate milestone negotiations with ECY. DOE and ECY conducted first milestone negotiation session on 9/11/2024 and negotiations were ongoing through 10/31/2024. 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 11/27/2024, dispute was extended at the PM level from 12/02/2024 until 1/31/2025. Reference approval of TPA Change Control Form M-45-25-01 on 1/14/25, which resolved the dispute and completed this requirement by

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
						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 8/08/2024, 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 5/21/2025, 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 7/15/2025, which responded to ECY's comments.
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 1/16/25	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 5/16/2025, 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.
A-024-03	1/31/2025	Complete 1/16/25	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	On Schedule	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 7/16/2025, which responded to ECY's comments.
A-024-05	Pursuant to approved Active Ventilation Work Plan schedule	On Schedule	If applicable, install and begin operation of active ventilation system on 241-T-101	AO Addendum V.C.3	Bang, Ricky	
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.

In accordance with the identified sections of RPP-9937, *Single-Shell Tank System Leak Detection and Monitoring Functions and Requirements Document*, Rev. 5E, the following are required to be reported and discussed in a Tri-Party Agreement Project Manager Meeting.

Tanks Currently Exceeding Specification Limits

Sections 3.3.1 and 7.1

An exceedance occurs when valid waste level readings are beyond upper or lower specification limits.

Tank	SL/ILL? Upper/Lower?	First Date of Exceedance	Status
241-BY-106	ILL/U	4/15/2025	Redistribution
241-SX-111	ILL/L	4/9/2025	Investigating cause
241-TX-114	ILL/L	1/29/2025	Investigating cause
241-TX-115	ILL/L	6/2/2025	Gas response to high barometric pressure
241-TX-117	ILL/L	6/2/2025	Gas response to high barometric pressure
241-TX-118	ILL/L	6/2/2025	Investigating cause
241-TY-103	ILL/L	4/14/2025	Investigating cause
241-U-110	ILL/L	6/2/2025	Gas response to high barometric pressure

SL= Surface Level; ILL = Interstitial Liquid Level; U = Upper; L = Lower

As Baseline Change Authorizations (BCAs) are implemented and/or tank levels return within specification limits, they will be removed from this list.

Required Valid Reading Missed

Section 3.3.1

None

Non-valid readings occur when the only available data point(s) within a quarter are assigned a quality indicator of "suspect". The standard path forward for these events is to obtain a follow-up level measurement. Once a valid level reading is obtained for a tank, they will be removed from this list.

Extended Outages and Device Repair/Replacement

Section 6.2

241-EW-151: TOC-ENV-NOT-2025-4757, The replacement of the manual tape to an Enraf has been completed. RPP-9937 and OSD-T-151-00031 have been updated. A valid 2nd quarter reading was taken with the Enraf on 6/18/2025.

Baseline Change Authorizations Implemented

Section 7.1

Tank	SL or ILL?	Justification
244-A DCRT (Tank)	SL	Better alignment with weight factor accuracy
241-A-302-A	SL	Known intrusion
241-SX-106	SL	Known intrusion
241-T-101	SL	Known assumed leaker
241-T-111	ILL	Known assumed leaker
241-T-111	SL	Known assumed leaker

This list reflects all BCAs implemented within the reporting quarter.

Newly Identified Intrusions

Section 4.1.1

Confirmed new intrusion into tank 241-BY-105 and tank 241-TX-103. Environmental Notification Form TOC-ENV-NOT-2025-4766 sent 06/17/2025.

Declaration of Leaks to the Environment

Section 4.1.2

None



	Tank	SL/ILL?	Justification
		Upper/Lower?	
Tanks Level Returned within Specification Limits <i>Section 3.3.1</i>	241-BY-104	ILL	Subsequent data within specification limits
	241-BY-108	ILL	Subsequent data within specification limits
	241-BY-111	ILL	Subsequent data within specification limits
	241-SX-103	ILL	Subsequent data within specification limits
	241-TX-103	ILL	Subsequent data within specification limits
	241-TX-109	ILL	Re-analyzed using more dependable parameters
	241-TX-111	ILL	Subsequent data within specification limits
	<i>SL= Surface Level; ILL = Interstitial Liquid Level; U = Upper; L = Lower</i>		



**DOE Tank Waste Operations/Waste Treatment and Immobilization Plant
Monthly Tri-Party Agreement/Consent Decree Project Managers Meeting
August 14, 2025**

ATTENDEES

Becky Blackwell, DOE-TWO
Jeff Cheadle, DOE-TWO
Bill Clarno, DOE-WTP
Mat Irwin, DOE-WTP
Kallen Kidder, DOE-TWO
Dawn MacDonald, DOE-TWO
Chantal Martin, DOE-TWO
Erik Nelson, DOE-TWO
Will Ruane, DOE-TWO
Shane Serafin, DOE-WTP
Bibek Tamang, DOE-TWO
Tom Teynor, DOE-WTP
Craig Whiteley, DOE-WTP
Andy Wiborg, DOE-TWO
Katie Wong, DOE-TWO
Holly Bowers, H2C
Maria Lopez, H2C
Kate Roberts, H2C
Don Heidelberg, HLMI

Eric Van Mason, HLMI
Stephanie Brasher, HMIS
Michael Turner, HMIS
Debra Alexander, Ecology
Ambika Chakravartty, Ecology
Cathrene Glick, Ecology
Amie Green, Ecology
Moises Guevara, Ecology
Doug D'Hondt, Ecology
Luissa Johnston, Ecology
Jeff Loa, Ecology
Dan McDonald, Ecology
Joy Morris, Ecology
Steve Needles, Ecology
George Peck, Ecology
Eric Pierce, Ecology
Beth Rochette, Ecology
Matt Hendrickson, State of Oregon
Benjamin Leake, U.S. EPA