

***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***


**January 8, 2026**



**DOE-HFO TWO/WTP Tri-Party Agreement/Consent Decree  
Monthly Project Managers Meeting Minutes  
January 8, 2026**

**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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BANG**  Digitally signed by  
RICKY BANG  
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Ricky Bang, Project Manager  
U.S. Department of Energy, Hanford Field Office  
Tank Waste Operations

**Bill Clarno**  Digitally signed by Bill Clarno  
Date: 2026.01.27 09:55:13 -08'00'


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Bill Clarno, Project Manager  
U.S. Department of Energy, Hanford Field Office  
Waste Treatment and Immobilization Plant

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Amie Green, Project Manager  
Washington State Department of Ecology

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Dan McDonald, Project Manager  
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Ambika Chakravartty, Project Manager  
Washington State Department of Ecology

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Debra Alexander, Project Manager  
Washington State Department of Ecology

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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
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 February 12, 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 Office of River Protection Tri-Party Agreement (TPA) and Consent Decree (CD) Monthly Reports for the period of November 1- November 30, 2025, were entered into the Hanford AR on December 29, 2025. The meeting minutes from December 11, 2025, TPA Quarterly Milestone Review Meeting were added to the Hanford AR on January 7, 2026.*

\*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 highlighted Milestone M-062-40K, Select a Minimum of 3 Scenarios, due November 30, 2025, completed November 25, 2025.

For details on the status of specific milestones, see pages 1-3 of the November 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 – January 2026 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 TPA milestone due dates (added August 14, 2025).

**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 December 31, 2030, and SLL-3160 by December 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 share those details with Ecology when those details are developed. There was no change in status. *This action remains open.*

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**Action No. 2 (TF-25-7-01):** Ecology requested a discussion on the status of a draft TPA change control form, drafted by Ecology and shared with DOE-HFO on February 25, 2025, which proposes milestones for the design and construction of the remaining interim surface barriers (ISB) for Waste Management Areas S/SX, BX/BY, and A/AX. DOE-HFO committed to scheduling a meeting with Ecology to discuss the draft TPA change control form. DOE-HFO targeted being able to provide the briefing to Ecology after the T and B Farm ISB designs are approved. There was no change in status. *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. 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. At the December 11, 2025 TPA Quarterly Milestone Review Meeting, 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. Though the Parties have met on this subject, there is no change in status. *The action remains open.*

**Action No. 4 (TF-25-08-02):** DOE-HFO requests Ecology discuss with the Washington State 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 by the Parties on October 28, 2020 and added to TPA Action Plan Appendix F – and provide them to DOE-HFO. At the December 11, 2025 TPA Quarterly Milestone Review Meeting, 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. There was no change in status. *The action remains open.*

**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. There were no comments or questions.

**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 B-109 and 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 T-101.

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

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- Agreed Order #A-022-08, Complete Construction of Interim Barrier at B-Farm. DOE-HFO noted discussions continue with Ecology on potential changes to the performance monitoring of the barriers for both B Farm and T Farm.
- Agreed Order #A-022-13, If applicable, Submit Leak Detection and Monitoring Technology Evaluation Work Plan, due, TBD. (Note: Leak Detection and Monitoring Technology Evaluation, RPP-RPT-64595 was submitted by DOE-HFO on August 8, 2024.) DOE-HFO noted a meeting is scheduled at the end of January 2026 to discuss Ecology comments on the Leak Detection and Monitoring Technology Evaluation Work Plan.
- (Addendum to) Agreed Order #A-024-02, If applicable, implement T-101 Intrusion Response Work Plan and submit final report on effectiveness of intrusion response actions, due date TBD (will be set by the approval of the T-101 Intrusion Response Work Plan). DOE-HFO provided an update to report that it is scheduling meetings with Ecology to discuss the work plan.

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 expanded report.

#### **Laboratory Production**

- From October 1, 2025 to December 31, 2025, Navarro-ATL delivered 17 of 17 (100%) high-level radioactive sample deliverables on-time or early, while 42 of 43 (98%) low-activity sample analysis project reports were delivered on-time or early. DOE-HFO added that in addition to the holidays, the 222-S Laboratory was out of service for approximately two weeks, which accounts for the relatively low number of samples processed. DOE-HFO reported the contractor is exceeding deliverable expectations for the fiscal year.

#### **Project Status**

- Laboratory Reports Delivered:
  - Tank SY-102 core complexants
  - Physical properties and temperature effects of Tank AP-107
  - Tank SY-102 and SY-103 mixing study
  - Tank AP-107 grab sample for organics by the U.S. Environmental Protection Agency SW-846 method
  - 277-T Underground Radioactive Material Area OSA-A 2025
  - Tank SY-102 core sample
  - Tank SY-102 grab complexants
  - Plutonium Uranium Extraction (Facility) deep bed filter and condensate tank
- DOE-HFO pointed out that several of the above reports were done in support of the 200 West Area Risk Management project.

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**Significant Accomplishments**

- Transferred 219-S TK-102 contents to Tank SY-101
- Initiated lab room 4K demolition. DOE-HFO added demolition is forecasted to be completed by the end of January 2026, which will allow the remodel of room 4K to proceed.

**Significant Planned Activities**

- Receive and analyze samples from:
  - Tank A-101 tank closure grab
  - Tank AW-102 evaporator feed grab
- Repair roof on east side of 222-S Building. DOE-HFO added there is an identified leak in the roof and that repairs should be complete in the next two or three months.
- Complete renovation of Room 4K
- Initiate Room 1GA/GC renovation
- Replace facility process vacuum system. DOE-HFO added that this is complex process involving the Continuous Air Monitors, which the vacuum systems power. The vacuum system replacement will be done while the laboratory is still operational, adding to the complexity.
- Spring laboratory maintenance outage scheduled March 19, 2026, to March 29, 2026, about a month earlier than usual. This is being done to support the schedule for tank farm sampling.

**Equipment Upgrades**

- Procure and install instrument upgrades in FY 2026:
  - Inductively coupled plasma – atomic emission spectrometer
  - Liquid scintillation counter
  - Volatile organic acid purge and trap
  - Gas chromatograph – Mass spectrometer/Thermal desorption unit
  - Total organic carbon analyzer
  - Particle shape analyzer
  - 3D printer – will allow in-house fabrication of small pieces of equipment
  - Quantitative polymerase chain reaction
  - Density meter
  - Synthesis workstation
  - Potentiostats (2)
- Note: all of the above are currently in the procurement process

**Analytical Performance**

- DOE-HFO reported the 222-S Laboratory has a 98.8% Proficiency Testing rate for fiscal year 2026 (through December 2025) – 83 of 84 correct samples.
- DOE-HFO reported that Hold Time Performance for fiscal year 2026 (through December 2025) was 99%.
- Accreditations:
  - American Industrial Hygiene Association (AIHA) accreditation effective through May 1, 2026.

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- Washington State Department of Ecology accreditation effective through November 21, 2026.

**Technical Support Division Status**

- See attached 222-S Laboratory presentation, slide 11 for the full listing.
- DOE-HFO reported that for November and December 2025, waste shipments continued at a rapid pace. Waste was shipped to on-site locations, the Environmental Restoration Disposal Facility; and off-site to certified waste acceptance facilities at Perma-Fix of Florida, Inc., and Perma-Fix Northwest, Inc.
- DOE-HFO noted that Tank-102 was now down to only 27 gallons stored. DOE-HFO added that there is approximately six months of operating space in the 219-S system currently.
- DOE-HFO reported 5 drums, and 19 containers were stored in Room 4E, 10 drums were stored in Room 2B, and 82 drums and 1 container were stored in the Dangerous Mixed Waste Storage Area in November and December 2025.

**Issues/Other Items**

- Nothing reported.

**4.0 SYSTEM PLAN**

**Significant Past Accomplishments**

- On November 6, 2025, DOE-HFO transmitted the selected scenarios for System Plan, Rev. 11 to Ecology for approval via letter 25-TWO-0124. On November 25, 2025, Ecology acknowledged receipt of the selected scenarios via letter 25-NWP-210, meeting TPA Milestone M-062-40K.

**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.

**Issues/Other Items**

- Nothing reported.

**6.0 ALTERNATIVE TREATMENT FOR 200 WEST AREA**

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**Significant Past Accomplishments**

- Nothing reported.

**Significant Planned Actions in the Next Six Months**

- Nothing reported.

**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) Project design. AMPS is undergoing design review and the 100% design is expected to be issued by the end of January 2026, with fabrication of long-lead items scheduled to begin in February 2026.

**Issues/Other Items**

- Nothing reported.

**9.0 TANK-SIDE CESIUM REMOVAL SYSTEM (TSCR)**

**Significant Past Accomplishments**

- Tank-side cesium removal completed batch 1 of waste processing for Campaign 2 on November 5, 2025, processing 208,000 gallons of pretreated waste. TSCR is currently in maintenance mode, with plans to start batch 2 of Campaign 2 in the second week of January 2026. AP-106 will be full after batch 2. DOE-HFO added that AP-106 is currently holding 986,000 gallons of pretreated waste. If at least 200,000 gallons of waste are not transferred from AP-106, TSCR operations will likely need to be paused.

**Significant Planned Actions in the Next Six Months**

- Nothing reported.

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**Issues/Other Items**

- Nothing reported.

**10.0 TEST BED INITIATIVE (TBI) DEMONSTRATION**

**Significant Past Accomplishments**

- DOE-HFO submitted closure certification on November 13, 2025, via letter 25-ECD-0149, “Test Bed Initiative - Independent Qualified Registered Professional Engineer Certification of Closure and Completion Report.” DOE-HFO added an update to note the document was reviewed and accepted by Ecology on December 29, 2025 (25-NWP-228).

**Significant Planned Actions in the Next Six Months**

- DOE-HFO will submit test bed initiative final report to Ecology
- Ecology terminates the test bed initiative research development and demonstration permit.

**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**

- Ecology asked about the status of the 242-A Evaporator. DOE-HFO responded that the evaporator is in a maintenance outage, with the primary task being a retubing of the boilers in the boiler annex. DOE-HFO added it plans to initiate the procurement of the vendor for this work in January 2026, with the hope that the work would occur in late winter or early spring 2026.

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

**Significant Past Accomplishments**

Operations

- Nothing reported.

Projects

- Nothing reported.

**Significant Planned Actions in the Next Six Months**

Operations

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- LERF continues to support WTP operations. To date about 500,000 gallons has been transferred from the WTP Effluent Management Facility to the Liquid Effluent Retention Facility basin.

Projects

- Nothing reported.

LERF Volumes

- See pg. 17 of the November 2025 TPA Monthly Report for a full listing.

Issues/Other Items

- Ecology asked about the status of the ETF. DOE-HFO responded that ETF was still undergoing operational testing for the CO<sub>2</sub> membrane skid and the acetonitrile steam-stripper system. DOE-HFO added that the results it is seeing from WTP do not show the acetonitrile levels that would require those systems to be operational. So a decision will be made, likely in May 2026, to possibly restart operations or to complete the turnover of the remaining systems at ETF. Ecology asked if it could obtain more information on the sampling results from WTP. DOE-HFO agreed to do so.

**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

- Completed FY 2025 single-shell tank (SST) visual inspection report
- FY 2026 SST visual inspection completed on Tanks A-101 and SX-111.

Significant Planned Actions in the Next Six Months

- Begin FY 2026 SST visual inspection in the following:
  - Tanks BX-102, BX-106, and BX-107
  - Tanks S-103, S-104, S-105, and S-108
  - Tanks SX-102, SX-104, SX-108, and SX-112

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- Tanks T-104, T-105, T-106, T-107, T-109, T-110, and T-112.

**RPP-9937 Rev. 5 Updates**

- Nothing reported.

**Issues/Other Items**

- Concrete spalling from the dome has been observed in several tanks at the SX Tank Farm. Visual inspection of Tanks SX-108, SX-109, SX-111, and SX-112 have increased in frequency to identify potential changes in the dome condition. Laser scans were performed as necessary to quantify observed changes. These inspections have indicated minor increases in cracking and spalling. The tanks will continue to be monitored for change.

**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**

- Ecology complete review of the RCRA Tier 3 component closure plan for the C-301 Catch Tank by January 20, 2026, in accordance with TPA Action Plan Section 9.2.2., DOE-HFO asked Ecology if it would complete its review by January 20, 2026 or extend review. Ecology responded that it would be extending review.

**Issues/Other Items**

- Nothing reported.

**17.0 SINGLE-SHELL TANK RETRIEVAL PROGRAM**

**Significant Past Accomplishments**

- The expert panel for the Retrieval Technology Work Plan met for the first time in November 2025. The next meeting is January 22, 2026. Meeting invites were sent to Ecology.
- Also refer to the Consent Decree portion of these meeting minutes (“Single Shell Tank Retrieval Program”, 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 Program”, Section 20.0) for additional information.

**Issues/Other Items**

- Ecology asked about the status of the waste incidental to reprocessing (WIR) determinations for both WMA-C and WMA-A/X. DOE-HFO responded that the Test Bed Initiative WIR and the 200 West Area WIR have taken precedence over the WMA WIRs. DOE-HFO added that the next step in the WMA-C WIR process is a Tribal consultation that is yet unscheduled. Ecology asked to be included in the planning for this consultation. DOE-HFO agreed to do so.

**18.0 TANK OPERATIONS PROJECT SCHEDULE AND COST VARIANCE PERFORMANCE**

**Base Operations:**

The October 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 November 2025 TPA Monthly Report.

- The month showed a favorable schedule variance of approximately \$2.3M, primarily due to SY Tank Farm pit floor repair procurement and fieldwork schedule recovery and SY-103 remediation fabrication schedule acceleration of long lead items.
- The current month showed an unfavorable cost variance of \$ The current month unfavorable cost variance of approximately \$3.1 million, primarily due ETF upgrades

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testing and commissioning increased need for labor and subcontract resources to perform required tasks; ETF/LERF/Treated Effluent Disposal Facility critical spares and fabrication processing and closure of vendor invoices; and SY Tank Farm pit floor repair increased labor fieldwork usage and subcontractor overrun

**Retrieve and Close Single Shell Tanks:**

The October 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 November 2025 TPA Monthly Report.

- The month showed a favorable schedule variance of approximately \$1.6 million, primarily due to schedule recovery for the S Tank Farm exhaustor system procurements and the S Tank Farm equipment removal.
- The month showed a favorable cost variance of approximately \$922,000, primarily due to the S Tank Farm design of air and water building and new retrieval system for the first four tanks.

**Waste Feed Delivery/Treatment:**

The October 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 November 2025 TPA Monthly Report.

- The month showed a favorable schedule variance of approximately \$1.7M, primarily due to WTP acquisitions' early completion of work related to long lead equipment and spares.
- The month showed a favorable cost variance of approximately \$226,000, primarily due to an increase in subcontract costs related to WTP support.

**Treat Waste:**

The October 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 November 2025 TPA Monthly Report.

- The month showed a favorable schedule variance of approximately \$1.1 million, primarily due to the acceleration of the AMPS process module payment milestones to support the initiation of long-lead procurements.
- The month showed an unfavorable cost variance of approximately \$48,000, which is below the reporting 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 3-5 of the DOE-HFO November 2025 Consent Decree Monthly Report for a complete listing of Consent Decree milestones.

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**Consent Decree Issues and Action Items**

For reference, see attached “DOE-HFO/Ecology TPA and CD Agreements, Issues and Action Items January 2026 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. At the December 11, 2025 TPA/CD Quarterly Milestone Review, DOE-HFO forecasted being able to provide the briefing in March 2026. There was no change in status at today’s meeting. *The action remains open.*

**20.0 SINGLE-SHELL TANK RETRIEVAL PROGRAM**

**Significant Accomplishments during the Prior Month**

Completed Accomplishments

- Nothing reported.

On-Going Activities

- Continue Tank A-102 retrieval operations – currently at 64% retrieved by volume. DOE-HFO added that retrievals were paused for a maintenance outage during December 2025, which is now complete. Retrievals will resume as soon as January 10, 2026.
- Continued preparations for Tank A-101 post retrieval sampling and residual volume measurements. DOE-HFO added thanks to Ecology for meeting with them in December 2025 on the A-101 Tank Sampling and Analysis Plan. Sampling is scheduled for January 19, 2026.

**Significant Planned Activities in the Next Month**

- Complete the installation of a new drop leg in Tank AP-101. DOE-HFO added an update to note that the drop leg was installed in December 2026. The new drop leg will allow supernate retrievals from A Farm.

**Issues/Other Items**

- The slurry line from the A Tank Farm to Tank AP-101 was successfully flushed in August 2025. Additional flushing was not successful in clearing the slurry distributor. Field modifications are planned to install a new drop leg that would allow the use of the slurry line into Tank AP-101. DOE-HFO added that since the drop leg has been installed in AP-101, this item will be removed from the “Issues” section the next Consent Decree monthly report.
- On October 28, 2025, DOE-HFO briefed Ecology on the status on single-shell tank retrievals in the 200 East Area as well as an emergent challenge associated with limited availability of double-shell tank space. In sum, retrieval operations may be impacted without sufficient double-shell tank space in AP tank farm. DOE-HFO anticipates that approximately 600,000 gallons need to be transferred out of AP-106 to Waste Treatment

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and Immobilization Plant (WTP). Tank AP-107 needs to be refilled in 2026 in order to complete retrievals of Tank A-106. DOE-HFO and its contractor continue to evaluate opportunities to provide additional operational flexibility in 200 East Area and make space in the double-shell tank system, but DOE-HFO did project possibly having to suspend AP-106 retrievals as early as summer 2026 if the capacity is not gained in AP-106. DOE-HFO will continue to engage with Ecology regarding these challenges and potential opportunities.

**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 that this section will now be reported in the TPA monthly report, with the rationale that the tanks reported on are TPA tanks.

**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 November 2025 Consent Decree Monthly Report.

For October 2025, DOE-HFO reported a net favorable schedule variance of approximately \$1.1 million.

- Schedule performance for the HLW Facility was 2 percent ahead of schedule.
- The favorable current period schedule variance was primarily related to recovery of a behind schedule condition on delivery of structural steel. DOE-HFO added that the steel is currently being delivered at a rate faster than it can be installed, which is favorable. Additionally, facility design had a positive schedule variance due to starting structural and concrete calculations ahead of schedule. Offsetting the positive schedule condition in design and procurement, is a behind schedule condition in construction subcontracts for structural steel fireproofing due to a time-phasing error that will be corrected in an upcoming baseline change proposal.
- Through October 2025, the schedule critical path to completion of HLW Facility specific 90 percent system design reviews remained approximately 4 months ahead of the deterministic completion date provided by Bechtel National, Inc. (BNI) in their November 2023 proposal for the design completion period. DOE-HFO added that BNI is continuing to look for opportunities to accelerate 90-percent system design reviews.

For October 2025, DOE-HFO reported a net favorable cost variance of approximately \$2.3 million.

**DOE-HFO TWO/WTP Tri-Party Agreement/Consent Decree**  
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- October 2025 cost performance on the HLW Facility was a favorable \$6.0 million with a cost performance index of 13%. The favorable monthly cost variance is primarily related to labor underruns in plant wide project and construction management support due to needing fewer resources than planned. In addition, a favorable cost variance for the Glass Former Facility was reported due to a missed accrual that will be corrected in the December 2025 monthly report.
- October 2025 cost variance for Project Services was an unfavorable \$3.8 million, primarily driven by project completion for DFLAW occurring later than the DFLAW baseline. Hotel load (e.g., time-dependent costs) will continue to be incurred for DFLAW facilities throughout the remainder of DFLAW commissioning period.

**Issues/Other Items**

- Nothing reported

**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**

- Ecology asked if there were any updates on the release of the Pretreatment Facility Reutilization Study. DOE-HFO replied that the study remains paused, however, the contractor who developed the study will likely resume the effort beginning in February 2026. Ecology asked to be kept abreast of the situation. DOE-HFO replied it would do so.

**24.0 HIGH-LEVEL WASTE (HLW) FACILITY**

**Project Schedule and Cost Variance Performance**

- See WTP Section 22.0.

**Significant Accomplishments during the Prior Month**

- Completed 30 percent system design review for the Wet Chemical Facility
- Completed 60 percent system design review for the Emergency Power and Air Building
- Completed concrete placement of slab 4107
- Set over-the-top HLW melter cave support handling system shield door HSH-DOOR-00001.

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**Ongoing Activities:**

- As of November 2025, 14 of 15 HLW Facility 90 percent design reviews planned for HLW Facility Phase 1A design completion period were completed. Remaining is the Glass Former Reagent system design.
- Thirty-three over-the-top equipment items and eleven concrete placements are planned for calendar year 2025. As of November 2025, 30 of 33 over-the-top pieces of equipment have been set and all concrete placements have been completed. DOE-HFO provided an update to note that the number was now 31 of 33 over-the-top equipment items that have been set as of December 2025.
- Continued to evaluate flowsheet and waste feed vector requirements associated with direct-feed HLW feed alternatives. DOE-HFO added that this is a key activity to understand further design development in relation to future waste processing.
- Continued installation of formwork, rebar, and steel framing for concrete slab placements to support building enclosure. DOE-HFO added that work continues despite winter conditions.

**Significant Planned Activities in the Next Month**

- Continue to support HLW Facility Phase 1B design completion period “alpha contracting” to support BNI proposal development.

**Issues/Other Items**

- Ecology asked if DOE-HFO was considering a vendor for the GFR system as opposed to building the system. DOE-HFO replied that it was waiting to see the outcome of DFLAW’s design and decisions before proceeding in HLW. Ecology asked to be kept abreast of the situation. DOE-HFO replied it would do so.

**25.0 LOW-ACTIVITY WASTE FACILITY**

**Project Schedule and Cost Variance Performance**

- See WTP Section 22.0.

**Significant Accomplishments during the Prior Month**

- LAW has now sent 1,200 samples of secondary liquid waste from the Effluent Management Facility to the Liquid Effluent Management Facility, with the rate of samples steadily increasing.

**On-Going Activities**

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

- Perform Greater-Than-30-Day production run with single melter operations.

**Issues/Other Items**

**DOE-HFO TWO/WTP Tri-Party Agreement/Consent Decree**  
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- DOE-HFO provided an update outside of the reporting period to report that the LAW Facility completed another successful run of vitrifying waste, with four containers filled with glass in December 2025. However, HEPA filter readings triggered an outage, prematurely ending the processing run and limited production. The HEPA filters have been changed, and processing is scheduled to resume on January 10, 2026.
- DOE-HFO reported communication problems in December 2025 with the cranes that move the immobilized low-activity waste (ILAW) containers – a stuck grapple and other issues that prompted DOE-HFO to revisit some of the procedures guiding this work. However, three containers of ILAW were moved to the Integrated Disposal Facility on January 8, 2025.
- Ecology asked if there were any concerns or anomalies with the samples being sent to the LERF. DOE-HFO replied that overall, the results have been very favorable with very small readings of Acetonitrile, Iodine-129, Cesium and Technetium. DOE-HFO did note that Carbon 14 is higher than anticipated, but not a concern.

**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:**

- Nothing reported.

**Significant Planned Activities in the Next Month**

- Nothing reported.

**DOE-HFO TWO/WTP Tri-Party Agreement/Consent Decree  
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**Issues/Other Items**

- Nothing reported.



U.S. DEPARTMENT *of* ENERGY

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Office of Environmental Management

*Hanford Field Office*

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

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Ricky Bang

Deputy Assistant Manager, Tank Waste Operations

U.S. Department of Energy, Hanford Field Office

January 8, 2025



U.S. DEPARTMENT  
of **ENERGY**

Office of Environmental  
Management

*Hanford Field Office*

# Agenda

- Safety Culture Share
- 222-S Laboratory (8:30 a.m. – 9:00 a.m.)
- Tank Waste Operations (9:00 a.m. – 10:15 a.m.)
  - Past Agreements, Actions, and 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.)



U.S. DEPARTMENT *of* ENERGY

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Office of Environmental Management

*Hanford Field Office*

# 222-S Laboratory Tri-Party Agreement Project Manager Meeting

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Reporting Period

November 1, 2025, to December 31, 2025

U.S. Department of Energy, Hanford Field Office

January 8, 2025



U.S. DEPARTMENT  
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*Hanford Field Office*

# Agenda

- Laboratory Production
- Laboratory Reports Delivered
- Significant Accomplishments
- Significant Planned Activities
- Fiscal Year 2026 Equipment Upgrades
- Analytical Performance
- Accreditations
- Technical Support Division Status
- Conclusion



# Laboratory Production

- From October 1, 2025, to December 31, 2025, Hanford Laboratory Management and Integration, LLC delivered the following project reports on time or early:
  - 17 of 17 (100 percent) high-level radioactive sample
  - 42 of 43 (98 percent) low-activity sample



# Laboratory Reports Delivered

- Tank 241-SY-102 core complexants
- Physical properties and temperature effects of Tank 241-AP-107
- Tank 241-SY-102 and 241-SY-103 mixing study
- Tank 241-AP-107 grab sample for organics by the U.S. Environmental Protection Agency SW-846 method
- 277-T Underground Radioactive Material Area OSA-A 2025
- Tank 241-SY-102 core sample
- Tank 241-SY-102 grab complexants
- Plutonium Uranium Extraction (Facility) deep bed filter and condensate tank



# Significant Accomplishments

- Transferred 219-S TK-102 contents to Tank 241-SY-101
- Initiated lab room 4K demolition



# Significant Planned Activities

- Receive and analyze samples from:
  - Tank 241-A-101 tank closure grab
  - Tank 241-AW-102 evaporator feed grab
- Repair roof on east side of 222-S Building
- Complete renovation of Room 4K
- Initiate Room 1GA/GC renovation
- Replace facility process vacuum system
- Spring laboratory maintenance outage scheduled March 19, 2026, to March 29, 2026



# Fiscal Year 2026 Equipment Upgrades

Instrument	Installation Status
Inductively coupled plasma – atomic emission spectrometer	Initiating procurement
Liquid scintillation counter	Initiating procurement
Volatile organic acid purge and trap	Initiating procurement
Gas chromatograph – Mass spectrometer/Thermal desorption unit	Initiating procurement
Total organic carbon analyzer	Initiating procurement
Particle shape analyzer	Initiating procurement
3D printer	Initiating procurement
Quantitative polymerase chain reaction	Initiating procurement
Density meter	Initiating procurement
Synthesis workstation	Initiating procurement
Potentiostats (2)	Initiating procurement

# Analytical Performance

- Quality assurance evaluations/proficiency tests

Report Date	Reported	Correct	FY 2026 Study
November	16	16	100%
December	58	58	100%
FY 2026 Total	84	83	98.8%

FY = fiscal year.

- Hold time performance

Holding Times								
	FY 2021 Final	FY 2022 Final	FY 2023 Final	FY 2024 Final	FY 2025 Final	November	December	FY 2026 YTD
<b>Times Met</b>	90.5%	95.4%	97.5%	96.6%	98.6%	98.7%	100%	<b>99%</b>

FY = fiscal year.

YTD = year to date.

# Accreditations

- American Industrial Hygiene Association accreditation effective through May 1, 2026
- Washington State Department of Ecology accreditation effective through November 21, 2026

# Technical Support Division Status

- Waste shipped

Waste Type	Containers Shipped (November 1, 2025, to December 31, 2025)	Receiving Facility
Low-level waste	14 RO/RO	ERDF
Nonregulated	4 RO/RO	ERDF
Mixed and low-level mixed	3 RO/RO and 24 Drums, 5 Drums, 39 Drums and 1 IP-1 Bag	ERDF PFFL / PFNW
Hazardous	12 Drums	PFFL
Universal/recycle	12 Containers	PFFL

ERDF = Environmental Restoration Disposal Facility.  
 PFFL = Perma-Fix of Florida.  
 PFNW = Perma-Fix Northwest.  
 RO = roll-on/roll-off.



# Technical Support Division Status (Cont.)

- Waste storage inventory

219-S Tanks	Inventory (gal)	Max Volume (gal)
TK-101	588	3600
TK-102	27	3600
TK-104	1177	1710

Container Unit	Inventory (units)
Room 4E	5 drums, 19 containers
Room 2B	10 drums
Dangerous mixed waste storage area	82 drums, 1 container
T8 Alcove	(fixed)

# Conclusion

Questions?



## DOE-HFO/Ecology TPA and CD Agreements, Issues, and Action Items – January 2026 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 – January 2026 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"> <li>1. Development of the work plan for getting the cross-site transfer lines inspected and planning, including failure analysis work for SLL-3160.</li> <li>2. Briefing dates for letting Ecology know the schedule for completing the milestone work for activating the lines.</li> <li>3. If there will be any activities with respect to two lines (especially SLL-3160 for test failure) in the IQRPE evaluation and reporting</li> </ol>	<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 – <a href="#">December 2025</a> – No change in status.</p>		

## DOE-HFO/Ecology TPA and CD Agreements, Issues, and Action Items – January 2026 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.	<p>07/10/25 – DOE-HFO committed to scheduling a meeting with Ecology to discuss the draft TPA change control form.</p> <p>August – November 2025 – no change in status.</p> <p>12/11/25 – 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.</p>	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.	<p>09/11/25 – Ecology’s Legal department is reviewing and will then meet with Ecology project staff on September 12 or 13, 2025.</p> <p>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.</p> <p>11/13/25 – No change in status.</p> <p>12/11/25 – DOE-HFO asked Ecology if it would schedule a meeting for Ecology to provide an overview of a draft</p>	Ecology	Open

## DOE-HFO/Ecology TPA and CD Agreements, Issues, and Action Items – January 2026 Meeting

#	Action ID Start Date	Action	Updates / Needs for Closure	Actionee(s)	Status/ Date Closed
			document/decision Ecology is authoring on the practicability of Landfill Closure.		
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 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 ( <a href="#">AR-04246</a> ) – and provide them to DOE-HFO.	<p>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.</p> <p>October – November 2025 – No change in status.</p> <p>12/11/25 – No change in status, however, Ecology suggested DOE-HFO revisit Section 1.3, Cleanup Levels of the <i>Central Plateau Inner Area Cleanup Principles and Parameters</i> (DOE/RL-2019-46 Rev.0) for more background on the issue surrounding Clean Closure vs. Landfill Closure prior to any further discussions.</p>	Ecology	Open

**DOE-HFO/Ecology TPA and CD Agreements, Issues, and Action Items – January 2026 Meeting**

**WASTE TREATMENT PLANT ACTION ITEMS**

#	Action ID Start Date	Action	Updates / Needs for Closure	Actionee(s)	Status/ Date Closed
1	WTP-25-01-01 13 Mar. 2025	Ecology would like a briefing on the technical interface between the Waste Transfer Vault (WTV) and the High-Level Waste (HLW) Facility and the schedule for when the vault will begin to support the HLW Facility.	<p>03/13/25 – DOE-HFO targeted providing a briefing to Ecology sometime in May 2025.</p> <p>04/10/25 – No change in status.</p> <p>05/08/25 – DOE-HFO is working on a briefing for Ecology and projected giving the briefing on or around May 30, 2025.</p> <p>06/12/25 – DOE-HFO reported the Tank Waste Operations and Waste Treatment Plant Projects, and their respective contractors continue working together on design and interface of the WTV and HLW. The briefing to Ecology is still pending.</p> <p>July – November 2025 – No change in status.</p> <p>12/11/25 – DOE-HFO projected being able to provide the briefing to Ecology in or around March 2026.</p>	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
N/A	Other	ECY/DOE	December 2025	HNF-EP-0182	454	Waste Tank Summary Report for Month Ending October 31, 2025	Supporting documentation	<a href="#">AR-38243</a>	8-Jan-26	
M-045-56	Other	ECY/DOE	December 2025	RPP-RPT-65443	0	Data Quality Assessment for Soil Samples Collected for Phase 2 of Interim Measures at 241-B Tank Farm	Supporting documentation with M-045-56	<a href="#">AR-38347</a>	8-Jan-26	
N/A	Other	ECY/DOE	December 2025	RPP-23403	8	Single-Shell Tank Component Closure Data Quality Objectives	support the residual waste sampling in single-shell tanks after retrieval	<a href="#">AR-38376</a>	8-Jan-26	
N/A	Other	ECY/DOE	December 2025	RPP-PLAN-23827	5	Sampling and Analysis Plan for Single-Shell Tanks Component Closure	support the residual waste sampling in single-shell tanks after retrieval	<a href="#">AR-38378</a>	8-Jan-26	
M-045-123	Other	ECY/DOE	December 2025	RPP-13300	1	Origin of Wastes in the B-200 and T-200 Series Single-Shell Tanks	support the WMA B-BX-BY RFI/CMS Work Plan/SAP and DQO documents for HFFACO Milestone M-045-123	<a href="#">AR-38560</a>	8-Jan-26	
M-045-116 and M-045-117	Other	ECY/DOE	December 2025	RPP-RPT-66025	0	Final Report for the S-SX Farm Shallow Set 2 Off-Site Lab Reports	lab reports support M-045-116 and M-045-117	<a href="#">AR-38589</a>	8-Jan-26	
M-045-116 and M-045-117	Other	ECY/DOE	December 2025	RPP-RPT-66137	0	Final Report for the S-SX Farm Shallow Set 3 Off-Site Lab Reports	lab reports support M-045-116 and M-045-117	<a href="#">AR-38590</a>	8-Jan-26	
M-045-116 and M-045-117	Other	ECY/DOE	December 2025	RPP-RPT-66130	0	Final Report for the S-SX Deep Borehole Off-Site Lab Reports (D0606)	lab reports support M-045-116 and M-045-117	<a href="#">AR-38593</a>	8-Jan-26	
M-045-116 and M-045-117	Other	ECY/DOE	December 2025	RPP-RPT-65931	1	ANALYTICAL REPORT FOR SAMPLING AND ANALYSIS FOR THE WASTE MANAGEMENT AREA S-SX (CORES D0590, D0592, D0594, D0596, D0598)	lab reports support M-045-116 and M-045-117	<a href="#">AR-38595</a>	8-Jan-26	
M-045-116 and M-045-117	Other	ECY/DOE	December 2025	RPP-RPT-66074	0	ANALYTICAL REPORT FOR SAMPLING AND ANALYSIS FOR THE WASTE MANAGEMENT AREA S-SX (CORE D0616)	lab reports support M-045-116 and M-045-117	<a href="#">AR-38597</a>	8-Jan-26	
M-045-116 and M-045-117	Other	ECY/DOE	December 2025	RPP-RPT-66172	0	ANALYTICAL REPORT FOR SAMPLING AND ANALYSIS FOR THE WASTE MANAGEMENT AREA S-SX (CORE D0608, D0610, D0612, D0618, D0620)	lab reports support M-045-116 and M-045-117	<a href="#">AR-38599</a>	8-Jan-26	
M-045-123	Other	ECY/DOE	December 2025	HNF-3652	0	Leak Assessment Report for B-111	Support of the WMA B-BX-BY RFI/CMS Work Plan/SAP and DQO for Milestone M-045-123	<a href="#">AR-38612</a>	8-Jan-26	
M-045-123	Other	ECY/DOE	December 2025	HNF-6020	0	Data Quality Objectives Report for Waste Management Area B-BX-BY	Support of the WMA B-BX-BY RFI/CMS Work Plan/SAP and DQO for Milestone M-045-123	<a href="#">AR-38613</a>	8-Jan-26	
M-045-123	Other	ECY/DOE	December 2025	RPP-8633	0	Summary Report 241-B-110 Well (C3360) 299-E33-46	Support of the WMA B-BX-BY RFI/CMS Work Plan/SAP and DQO for Milestone M-045-123	<a href="#">AR-38615</a>	8-Jan-26	
M-045-123	Other	ECY/DOE	December 2025	RPP-8847	4	Best-Basis Inventory Template Compositions of Common Tank Waste Layers	Support of the WMA B-BX-BY RFI/CMS Work Plan/SAP and DQO for Milestone M-045-123	<a href="#">AR-38618</a>	8-Jan-26	
M-045-123	Other	ECY/DOE	December 2025	GJ-HAN-96	0	Tank Summary Data Report for Tank BX-103	Support of the WMA B-BX-BY RFI/CMS Work Plan/SAP and DQO for Milestone M-045-123	<a href="#">AR-38635</a>	8-Jan-26	
M-045-123	Other	ECY/DOE	December 2025	GJO-96-2-TAR/ GJO-HAN-6	0	Vadose Zone Characterization Project at the Hanford Tank Farms BY Tank Farm Report	Support of the WMA B-BX-BY RFI/CMS Work Plan/SAP and DQO for Milestone M-045-123	<a href="#">AR-38638</a>	8-Jan-26	
M-045-123	Other	ECY/DOE	December 2025	GJO-96-2-TARA/ GJO-HAN-6	0	Hanford Tank Farms Vadose Zone Addendum to the BY Tank Farm Report	Support of the WMA B-BX-BY RFI/CMS Work Plan/SAP and DQO for Milestone M-045-123	<a href="#">AR-38640</a>	8-Jan-26	
M-045-123	Other	ECY/DOE	December 2025	GJO-98-40-TAR/ GJO-HAN-19	0	Hanford Tank Farms Vadose Zone BX Tank Farm Report	Support of the WMA B-BX-BY RFI/CMS Work Plan/SAP and DQO for Milestone M-045-123	<a href="#">AR-38641</a>	8-Jan-26	
M-045-123	Other	ECY/DOE	December 2025	GJO-98-40-TARA/ GJO-HAN-19	0	Hanford Tank Farms Vadose Zone Addendum to the BX Tank Farm Report	Support of the WMA B-BX-BY RFI/CMS Work Plan/SAP and DQO for Milestone M-045-123	<a href="#">AR-38642</a>	8-Jan-26	
M-045-123	Other	ECY/DOE	December 2025	GJO-99-113-TARA/ GJO-HAN-28	0	Hanford Tank Farms Vadose Zone Addendum to the B Tank Farm Report	Support of the WMA B-BX-BY RFI/CMS Work Plan/SAP and DQO for Milestone M-045-123	<a href="#">AR-38644</a>	8-Jan-26	
N/A	Other	ECY/DOE	December 2025	HNF-EP-0182	455	Waste Tank Summary Report for Month Ending November 30, 2025	Supporting Documentation	<a href="#">AR-38892</a>	8-Jan-26	

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 December												

## 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 <a href="#">23-TF-0030</a> 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 <a href="#">23-TF-0031</a> 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	<b>3/31/2027</b>	On Schedule	If applicable, implement Intrusion Response Work Plan and submit final report on effectiveness of intrusion response actions	AO V.B.2	Irwin, Mat	Reference DOE letter <a href="#">23-TWO-0024</a> 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 <a href="#">23-TF-0033</a> 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 <a href="#">24-TWO-0006</a> 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 <a href="#">24-TWO-0059</a> 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 <a href="#">24-TWO-0167</a> 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 <a href="#">25-TWO-0029</a> 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	<b>09/30/2028*</b>	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	Irwin, Mat	Reference DOE letter <a href="#">24-TWO-0167</a> dated 12/12/24, which submitted the T Farm Interim Surface Barrier design package to ECY. Reference ECY letter <a href="#">25-NWP-002</a> 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 <a href="#">25-NWP-028</a> 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 <a href="#">25-TWO-0052</a> 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 <a href="#">25-NWP-071</a> 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 <a href="#">25-NWP-095</a> dated 6/18/25, which transmitted comments to DOE on RPP-RPT-61684, Rev 5A.
A-022-10	<b>09/30/2028*</b>	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	Irwin, Mat	Reference DOE letter <a href="#">25-TWO-0029</a> dated 3/10/25, which submitted the B Tank Farm Interim Surface Barrier design package to ECY. Reference ECY letter <a href="#">25-NWP-049</a> 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 <a href="#">25-NWP-084</a> 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 <a href="#">24-TWO-0077 REISSUE</a> 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 <a href="#">24-TWO-0133</a> 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 <a href="#">TPA Change Control Form M-45-25-01</a> 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 <a href="#">24-TWO-0091</a> 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	Irwin, Mat	Reference DOE letter <a href="#">24-TWO-0091</a> dated 8/08/24, which submitted RPP-RPT-64595, Rev 0 to ECY for approval. Reference ECY letter <a href="#">24-NWP-177</a> dated 9/19/24, which extended their review/comment period until 11/08/24. Reference ECY letter <a href="#">24-NWP-206</a> dated 11/08/24, which extended their review/comment period until 12/20/24. Reference ECY letter <a href="#">24-NWP-224</a> dated 12/19/24, which transmitted comments on RPP-RPT-64595, Rev 0 to DOE for comment resolution. Reference DOE letter <a href="#">25-TWO-0003</a> dated 1/15/25, which extended DOE's comment resolution period to 4/24/25. Reference ECY letter <a href="#">25-NWP-014</a> dated 2/07/25, approving DOE's extension for comment resolution to 4/24/25. Reference DOE letter <a href="#">25-TWO-0054</a> dated 4/17/25, which extended DOE's comment resolution period to 6/30/25. Reference ECY letter <a href="#">25-NWP-064</a> dated 4/28/25, approving DOE's extension for comment resolution to 6/30/25. Reference DOE letter <a href="#">25-TWO-0069</a> dated 5/21/25, which submitted RPP-RPT-64595, Rev 1 and responded to ECY's comments. Reference ECY letter <a href="#">25-NWP-094</a> dated 6/20/25, which submitted comments to DOE on RPP-RPT-64595, Rev 1. Reference DOE letter <a href="#">25-TWO-0085</a> 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 <a href="#">25-NWP-131</a> dated 8/14/25, which transmitted comments on RPP-RPT-64595, Rev 1 to DOE for comment resolution. Reference DOE letter <a href="#">25-TWO-0107</a> dated 9/11/2025, which responded to ECY's comments and requested ECY's approval of RPP-RPT-64595, Rev 1. Reference ECY letter <a href="#">25-NWP-162</a> dated 10/08/25, which extended their review period to 11/13/25. Reference ECY letter <a href="#">25-NWP-200</a> 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	Irwin, Mat	

**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 <a href="#">25-TWO-0002</a> 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	Irwin, Mat	Reference ECY letter <a href="#">25-NWP-023</a> 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 <a href="#">25-NWP-059</a> 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 <a href="#">25-NWP-069</a> dated 5/16/25, which transmitted comments to DOE on RPP-RPT-65278, Rev 0. Reference DOE letter <a href="#">25-TWO-0072</a> dated 6/02/25, which requested an extension to respond to ECY's comments to 7/25/25. Reference ECY letter <a href="#">25-NWP-088</a> dated 6/13/25, which concurred with DOE's extension to 7/25/25 to resolve ECY's comments. Reference DOE letter <a href="#">25-TWO-0089</a> dated 7/22/25, which responded to ECY's comments and submitted RPP-RPT-65278, Rev 1 to ECY for review. Reference ECY letter <a href="#">25-NWP-137</a> dated 8/20/25, extending their review/comment period to 9/21/25. Reference ECY letter <a href="#">25-NWP-154</a> dated 9/17/25, extending their review/comment period to 10/24/25. Reference ECY letter <a href="#">25-NWP-172</a> dated 10/16/25, which transmitted comments to DOE on RPP-RPT-65278, Rev 1. Reference DOE letter <a href="#">25-TWO-0135</a> dated 10/28/25, which extended DOE's comment resolution period to 12/31/25. Reference ECY letter <a href="#">25-NWP-199</a> dated 11/06/25, which concurred with DOE's extension to 12/31/25 to resolve ECY's comments. Reference DOE letter <a href="#">25-TWO-0153</a> dated 12/22/25, which responded to ECY's comments and submitted RPP-RPT-65278, Rev 2 to ECY for review.
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 <a href="#">25-TWO-0006</a> 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 <a href="#">25-NWP-023</a> 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 <a href="#">25-NWP-059</a> 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 <a href="#">25-NWP-078</a> dated 5/20/25, extending their review/comment period on RPP-RPT-65234, Rev 0, to 6/20/25. Reference ECY letter <a href="#">25-NWP-096</a> dated 6/18/25, which submitted comments to DOE on RPP-RPT-65234, Rev 0. Reference DOE letter <a href="#">25-TWO-0086</a> dated 7/16/25, which responded to ECY's comments. Reference ECY letter <a href="#">25-NWP-138</a> 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 <a href="#">25-NWP-138</a> 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 <a href="#">TPA Change Control Form M-45-25-02</a> 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 Monthly Project Manager Meeting  
January 8, 2026**

**ATTENDEES**

Ricky Bang, 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  
Emily Millikin, DOE-TWO  
Will Ruane, DOE-TWO  
Shane Sarafin, DOE-WTP  
Bibek Tamang, DOE-TWO  
Craig Whiteley, DOE-WTP  
Andy Wiborg, DOE-TWO  
Katherine Wong, DOE-TWO  
Kate Draper, H2C  
Marc Leavitt, H2C  
Katie Roberts, H2C  
Don Heidelberg, HLMI  
Eric Van Mason, HLMI  
Cynthia Bounds, HMIS  
Stephanie Brasher, HMIS  
Michael Turner, HMIS  
Debra Alexander, Ecology

Cole Caldwell, Ecology  
Ambika Chakravartty, Ecology  
Doug D'Hondt, Ecology  
Jackson Davis, Ecology  
Cathrene Glick, Ecology  
Amie Green, Ecology  
Moises, Guevara, Ecology  
Doug D'Hondt, Ecology  
Bill Hudson, Ecology  
Luissa Johnston, Ecology  
Jeff Loa, Ecology  
Jeff Marusich, Ecology  
Dan McDonald, Ecology  
Joy Morris, Ecology  
Steve Needles, Ecology  
Eric Pierce, Ecology  
Beth Rochette, Ecology  
Stephanie Schleif, Ecology  
Laura Buelow, EPA  
Benjamin Leake, EPA  
Michelle Mullen, EPA  
Matt Hendrickson, State of Oregon