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

July 9, 2026

Tri-Party Agreement

U.S. Department of Energy
Washington State Department of Ecology
U.S. Environmental Protection Agency

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.

RICKY BANG Digitally signed by RICKY BANG Date: 2026.07.27 13:38:40 -07'00'

Ricky Bang, Project Manager
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Bill Clarno Digitally signed by Bill Clarno Date: 2026.07.27 13:45:13 -07'00'

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Acronyms and Abbreviations

AMPS	Advanced Modular Pretreatment System
AR	Administrative Record
BCA	Baseline Change Authorization
BNI	Bechtel National, Inc.
CD	Consent Decree
DFLAW	direct-feed low-activity waste
DST	double-shell tank
EC	Evaporator Campaign
Ecology	Washington State Department of Ecology
EPA	U.S. Environmental Protection Agency
FY	fiscal year
H2C	Hanford Tank Waste Operations & Closure
HFO	U. S. Department of Energy Hanford Field Office
HLW	high-level waste
IQRPE	Independent Qualified Registered Professional Engineer
LAW	Low-activity waste
LERF	Liquid Effluent Retention Facility
HFOPA	Performance Assessment
PMM	project manager meeting
PT	Pretreatment
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
SST	single-shell tank
TBI	Test Bed Initiative
TPA	Tri-Party Agreement
TSCR	tank-side cesium removal
TWO	Tank Waste Operations
TWRWP	Tank Waste Retrieval Work Plan
WMA	Waste Management Area
WTP	Waste Treatment and Immobilization Plant

HFO TWO/WTP Tri-Party Agreement/Consent Decree
Monthly Project Managers Meeting Minutes
July 9, 2026

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 (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 HFO Tank Waste Operations/Waste Treatment and Immobilization Plant (TWO/WTP) Tri-Party Agreement (TPA)/Consent Decree (CD) Monthly Project Managers Meeting is August 13, 2026. The next TPA/CD TWO/WTP Quarterly Milestone Review Meeting is September 10, 2026, 2026.

Recent Items Added to the Hanford Administrative Record (AR)

- *U.S. Department of Energy, Hanford Field Office Tri-Party Agreement Report, Monthly Reporting Period May 1−May 31, 2026*, was entered into the Hanford AR on June 29, 2026 (reference AR-40937).
- *U.S. Department of Energy, Hanford Field Office Consent Decree Monthly Report, Monthly Reporting Period May 1−May 31, 2026* was entered into the Hanford AR on June 29, 2026 (reference AR-40938).
- The meeting minutes from the June 11, 2026, TPA Quarterly Milestone Review Meeting were added to the Hanford AR on July 6, 2026 (reference AR-41022).

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

HFO reported all TPA milestones were either Complete or On Schedule. HFO highlighted the recent completion of Milestone M-062-60, "Submit Disposition Pathways Evaluation for Spent IX Columns as a Primary Document to Ecology", due June 30, 2026, completed June 25, 2026 (reference HFO letter 26-TWO-0051). HFO also noted that Milestone M-062-64, Make Alternative Selection for Facilities/Infrastructure for Off-Site Disposal of Low-Activity Waste", due July 7, 2026, was completed on June 30, 2026 (reference HFO letter 26-TWO-0049).

For details on the status of specific milestones, see pages 1-3 of the May 2026 HFO TPA Monthly Report and throughout these meeting minutes.

Tri-Party Agreement Issues and Action Items and Key Documents

For reference, see attached, "*HFO/Ecology TPA and CD Agreements, Issues and Action Items – July 2026 Meeting".*

Emergent Issues (Past 3 Months):

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

Actions:

Action No. 1 (TF-25-7-01): Ecology requested a discussion on the status of a draft TPA change control form, drafted by Ecology and shared with 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. HFO committed to scheduling a meeting with Ecology to discuss the draft TPA change control form. HFO targeted being able to meet with Ecology on this topic after the T and B Farm ISB designs are approved. There was no change in status, however the Parties continue to meet on the T and B Farm ISB designs. *The action remains open.*

Action No. 2 (TF-25-08-01): HFO requested 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 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 *Resource Conservation and Recovery Act* (RCRA) Rev. 9 permit is issued. At the December 11, 2025 TPA Quarterly Milestone Review Meeting, HFO asked Ecology if they would schedule a meeting for Ecology to provide an overview of a draft document/decision Ecology is authoring on the practicability of Landfill Closure. At today's meeting, HFO reported discussions with Ecology resulted in its transmitting letter 26-TWO-0053, "Phase 2 RCRA Facility Investigation/Corrective Measures Study Work Plan for Waste Management Area U, Revision 0 and Updated Revision 1" to Ecology on June 29, 2026. *The action remains open.*

Action No. 3 (TF-25-08-02): HFO requested 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 HFO. At the December 11, 2025 TPA Quarterly Milestone Review Meeting, Ecology suggested HFO revisit Section 1.3, Cleanup Levels of the Central Plateau Inner Area Cleanup Principles and Parameters for more background on the issue surrounding Clean Closure vs. Landfill Closure prior to any further discussions. The Parties are meeting on this issue, but to date, there is no resolution. There was no change in status. *The action remains open.*

Action No. 4 (TF-26-06-01): HFO is seeking Ecology feedback on four draft TPA change control forms (CCFs) to align Single Shell Tank Closure milestones. At today's meeting, HFO reported HFO it will be meeting with Ecology on July 29, 2026 to discuss Ecology's comments on the draft CCFs. *The action remains open.*

Action No. 5 (TF-26-06-02): HFO is asking Ecology to provide a timeline for a meeting to discuss the dual glass-plus-grout opportunity to provide additional operational flexibility in 200

East Area and make space in the DST system for tank waste retrievals and treatment. There was no change in status at today's meeting. *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 HFO, regarding Single-Shell Tanks (SST) 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 SST T-101.

During this meeting, HFO provided the following updates:

- Agreed Order #A-022-01, Submit SST System Leak Response Plan, completed 08/18/23. HFO noted that Ecology had made changes to the SST Leak Response Plan as part of the RCRA Rev. 9a permitting process and that HFO would be reviewing those changes.
- Agreed Order #A-022-08 and -09, Complete Construction of Interim Surface Barriers (ISBs) at T-Farm and B Farm. HFO noted discussions continue with Ecology on potential changes to the performance monitoring of the ISBs for both B Farm and T Farm. Once the maintenance and performance monitoring plan is agreed to, the Parties will resume discussions on the completion dates for construction of both ISBs. HFO added that a meeting is scheduled for late July 2026.
- Agreed Order #A-022-14, If applicable, implement Leak Detection and Monitoring Technology Work Plan. HFO reported it had received Ecology's latest comments on the plan and were working on responses. HFO comments are due to Ecology by 09/11/26.

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 June 21, 2026, Hanford Laboratory Management and Integration delivered 59 of 60 (98%) high-level radioactive sample deliverables on-time or early, while 192 of 200 (96%) low-activity sample analysis project reports were delivered on-time or early.
- HFO noted that the sampling schedule had increased since the last reporting period (April 2026). HFO added that there was one missed deliverable in the reporting period, which

was due to human error and not due to schedule or issues with the facility. Overall, HFO stated the contractor is performing well with the increase in production.

Laboratory Reports Delivered

- Tank 241-AW-102 Evaporator 2026-03 feed characterization and boil down study
- Tank 241-AZ-102 core 2025 characterization
- Central Waste Complex Outdoor Storage Area Soil Project
- Waste Management Area S-SX (Core D0644 & D0652)
- Liquid Effluent Retention Facility influent filter inlet solids
- Effluent Treatment Facility CT Brine characterization
- HFO added that it expects an increase in report delivery as the samples from May and June 2026 are processed.

Significant Accomplishments

- Sample receipts:
    - Received samples Waste Receiving Processing Facility for industrial hygiene beryllium testing
    - Received direct-feed low-activity waste feed grab samples from Tank 241-AP-104
    - Received post tank-side cesium removal grab samples from Tank 241-AP-106
    - Received grab samples from Tank 241-SY-102
    - Received core solid samples from Tank 241-AP-102
    - Received S-SX Tank Farm vadose samples

Significant Planned Activities

- Receive and analyze samples from:
    - Tank 241-A-102 post-retrieval solids grab sample
    - Tank 241-AW-102 evaporator feed
    - Tank 241-AP-104 core
- Complete renovation of Room 4K. HFO added that completion of the renovations of this mission-critical facility will be complete sometime in July 2026. Renovation was scheduled to be completed in June 2026, but misconfigured fume hoods from the vendor caused a month delay.
- Initiate Room 1GA/GC renovation. HFO added that Room 1GA/GC renovation (two rooms combined into one) will commence as soon as the Room 4K renovation is completed. HFO projected starting renovation towards the end of July 2026.
- Initiate Laboratory Operations Center construction – activities include the placement of eight mobile units adjacent to the facility to house all support services, which will allow for the potential use of the entire laboratory for analytical operations.
- Replace legacy below-grade sanitary water lines feeding 222-S and support buildings. HFO added that these upgrades will begin in August 2026. The replacement is critical for maintaining the facility for long-term use.

Equipment Upgrades

- Procure and install instrument upgrades in FY 2026:
    - Inductively coupled plasma – atomic emission spectrometer: Complete

- Liquid scintillation counter: Complete
- Volatile organic acid purge and trap: Complete
- Gas chromatograph – Mass spectrometer/Thermal desorption unit: Complete
- Total organic carbon analyzer: Complete
- Particle shape analyzer (received, will be installed in the 4th quarter of the fiscal year)
- 3D printer – will allow in-house fabrication of small pieces of equipment: Complete
- Density meter: Initiating Procurement
- Synthesis workstation: Initiating Procurement
- Potentiostats (2): Initiating Procurement

Analytical Performance

- HFO reported that the 222-S Laboratory has a 98.6% Proficiency Testing rate for fiscal year 2026 to date, with 628 of 637 correct samples.
- HFO reported that Hold Time Performance for fiscal year 2026 to date was 99.2%.
- Accreditations:
  - American Industrial Hygiene Association (AIHA) accreditation effective through July 1, 2026. HFO added that the AIHA conducted an onsite audit (March 10-12, 2026), and that HFO is expecting an extended accreditation into 2027.
  - Washington State Department of Ecology accreditation effective through November 21, 2026. Ecology conducted an on-site audit June 9-10, 2026, with only minor discrepancies noted.

Technical Support Division Status

- See attached 222-S Laboratory presentation, slide 11 for the full listing.
- Waste was shipped to on-site locations, the Environmental Restoration Disposal Facility; and off-site to certified waste acceptance facilities Perma-Fix Northwest, Inc., and PermaFix Florida (PFFL). HFO added that waste shipments to PFFL were paused during May and June 2026, while PFFL dealt with a capacity issue. PFFL has since shipped waste out and 222-S has begun resuming waste shipments to PFFL. Ecology asked if the shipment numbers will be reported. HFO confirmed that the shipments will be noted in the next TPA monthly report.
- HFO noted that Tank-102 contents should be transferred to Tank SY-101 in October 2026.

Issues/Other Items

Nothing reported.

4.0 SYSTEM PLAN

Significant Past Accomplishments

- Nothing reported.

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

Significant Past Accomplishments

- On April 20, 2026, the United States Nuclear Regulatory Commission technical evaluation concluded that HFO-71486, *Draft Waste Incidental to Reprocessing Evaluation for the 200 West Area Tank Treatment Mission at the Hanford Site, Washington*, under DOE radioactive waste management program demonstrated that it has met all three of the criteria in the DOE Manual 435.1-1, *Radioactive Waste Management Manual*. HFO added it is working on the disposition of comments and hopes to issue the evaluation after completion of response to comments.

Significant Planned Actions in the Next Six Months

- Complete removal of the SY-101 mixer pump and dispose at the Environmental Restoration Disposal Facility. HFO expects to remove the pump the week of July 13, 2026.

Issues/Other Items:

- HFO reported that Milestone M-062-65, "Submit Critical Path Schedule for Off-Site Disposal of Low-Activity Waste", due December 31, 2026, was on schedule. Ecology asked HFO if it would provide a schedule to Ecology detailing key activities. HFO replied it would provide the schedule to Ecology by the end of July 2026.

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

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Initiated fabrication of process module for the Advanced Modular Pretreatment System Project.
- Submit RCRA permit modification to Ecology for AMPS/East Area Pretreatment System.

Issues/Other Items

- Nothing reported.

9.0 TANK-SIDE CESIUM REMOVAL SYSTEM (TSCR)

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Complete one waste processing batch to support WTP LAW Facility operation, pending available space in Tank AP-106. HFO added that TSCR has been in an outage since March 10, 2026 and that processing of Batch 3 should begin in August 2026. HFO added that at least another 70,000 gallons of space is needed in Tank A-106 for a TSCR processing run.

Issues/Other Items

- Nothing reported.

10.0 242-A EVAPORATOR STATUS

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Initiate Evaporator Campaign 16. HFO expects to gain approximately 300,000 gallons of double shell tank space via the evaporator campaign. HFO plans to initiate the campaign the week of July 13, 2026.

Issues/Other Items

- Nothing reported.

11.0 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

- Decontaminate ETF and Liquid Effluent Retention Facility (LERF) Basin 43 and remove waste codes. HFO provided an update to note that decontamination of Basin 43 was now complete, and the basin is receiving Effluent Management Facility effluent.
- Process contents of Basin 44 FY 2026 campaign. HFO added an update to state that approximately 2.6 million gallons have been processed from Basin 44, with a goal of 4 million gallons total processed.

Projects

- Nothing reported.

LERF Volumes

- See pg. 16 of the May 2026 TPA Monthly Report for a full listing.

Issues/Other Items

- HFO noted that the LERF basins are playing a key role in managing secondary waste.

12.0 TANK SYSTEM UPDATE

12.1 Double-Shell Tank (DST) 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.

12.2 Single-Shell Tank (SST) Integrity

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Nothing reported.

RPP-9937 Rev. 5 Updates

- Nothing reported.

Issues/Other Items

- Ecology asked for the Tank Integrity Expert Panel briefing materials and report. HFO replied it would respond to Ecology.

13.0 INDEPENDENT QUALIFIED REGISTERED PROFESSIONAL ENGINEER (IQRPE) ACTIVITIES

Double Shell Tank System

- Nothing reported.

14.0 IN-TANK CHARACTERIZATION AND SUMMARY

14.1 Reports Completed or Released

- Nothing reported.

14.2 Tank Sampling

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Nothing reported.

Issues/Other Items

- Nothing reported.

14.3 Best-Basis Inventory Updates

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Month

- Nothing reported.

Issues/Other Items

- Nothing reported.

15.0 SINGLE-SHELL TANK CLOSURE PROGRAM

Significant Past Accomplishments

- Nothing reported.

Significant Planned Activities in the Next Six Months

- HFO and Ecology approve TPA change control form (CCF) to modify the M-045-92 interim milestone. HFO added that a meeting will be scheduled to discuss the latest draft TPA CCF.
- Respond to Ecology comments on RPP-PLAN-66053, *Phase 2 RCRA Facility Investigation/Corrective Measures Study Work Plan for Waste Management Area U.* HFO added an update to note that it had sent its responses to Ecology comments, along with an updated RPP-PLAN-66053, Rev.1, and requested approval of the work plan by August 14, 2026 to allow field work to begin in order to meet the Tier 2 RCRA Closure Plan milestone for WMA U (Milestone M-045-114, due December 31, 2030). Ecology questioned HFO about the timing of sampling, with the work plan noting a third-quarter FY 2027 start, but now a change to an earlier start to field work. HFO responded that mobilizing field work in August 2026 is necessary as HFO needs that information from the WMA-U soil investigation to be able to include in the Tier 2 Closure Plan for WMA U, and for that information to then be included in the Baseline Risk Assessment. So, to meet TPA milestones, key information is needed earlier than originally anticipated.

Issues/Other Items

- Nothing reported.

16.0 SINGLE-SHELL TANK RETRIEVAL PROGRAM

Significant Past Accomplishments

- Submitted the revised Tank A-103 tank waste retrieval work plan (TWRWP) to Ecology. HFO added an update to note that it had responded to Ecology's comments on the revised TWRWP and requested approval of the TWRWP by September 10, 2026 to allow a Declaration of Readiness and a start of retrieval operations by October 2026.
- 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

- Complete Tank A-103 retrieval equipment installation and initiate testing.

Issues/Other Items

- HFO added that retrieving Tank A-103 will require approximately 1.1million gallons of double-shell tank space, with approximately 300,000 gallons currently available. As noted earlier in the meeting TSCR has not operated since May 2026. So, unless TSCR begins operation soon, A-103 retrieval operations may need to be paused for two or three months.

17.0 TANK OPERATIONS PROJECT SCHEDULE AND COST VARIANCE PERFORMANCE

Base Operations:
The April 2026 variances below do not impact TPA milestones.
NOTE: The cost and schedule variances are one month behind the reporting than the rest of the May 2026 TPA Monthly Report.

- The month showed an unfavorable schedule variance of approximately $1.68M, primarily due to delays in fabrication and delivery of the trailer modules for 24/7 operations trailer procurement.
- The current month showed an unfavorable cost variance of approximately $8.5M, primarily due to a variety of items tied to procurement and design subcontract work.

Retrieve and Close Single Shell Tanks:
The April 2026 variances below do not impact TPA milestones.
NOTE: The cost and schedule variances are one month behind the reporting than the rest of the May 2026 TPA Monthly Report.

- The month showed a favorable schedule variance of approximately $2.25M, primarily due to schedule recovery of S Tank Farm retrieval equipment and procurements, as well as schedule recovery in Tank A-103 retrieval equipment installation.
- The month showed a favorable cost variance of approximately $709,500 primarily due to Tank A-103 retrieval equipment installation.

Waste Feed Delivery/Treatment:
The April 2026 variances below do not impact TPA milestones.
NOTE: The cost and schedule variances are one month behind the reporting than the rest of the May 2026 TPA Monthly Report.

- The month showed an unfavorable schedule variance of approximately $450,200, primarily due to fourth melter fabrication equipment being delayed after prioritization of resources and high priority work.
- The month showed an unfavorable cost variance of approximately $1.48M, primarily due to the reclassification of General & Administrative costs in FY 2025 being reclassified as Direct in FY 2026.

Treat Waste:
The April 2026 variances below do not impact TPA milestones.
NOTE: The cost and schedule variances are one month behind the reporting than the rest of the May 2026 TPA Monthly Report.

- The month showed a favorable schedule variance of approximately $28,100, which is below the reporting threshold.
- The month showed an unfavorable cost variance of approximately $427,100, primarily due to WARM Balance of Plant Design, Preliminary, and Final Design increased resources.

Issues/Other Items

- Nothing reported.

18.0 CONSENT DECREE MILESTONES/ADMINISTRATIVE ACTIONS

Consent Decree Milestones

HFO reported Consent Decree (CD) milestones as Completed, On Schedule, or At Risk.

See pages 3-5 of the HFO May 2026 Consent Decree Monthly Report for a complete listing of CD milestones.

Consent Decree Issues and Action Items
For reference, see attached "*HFO/Ecology TPA and CD Agreements, Issues and Action Items July 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 (WTV) and the High-Level Waste (HLW) Facility and the schedule for when the vault will begin to support the HLW Facility. HFO reported that some contracting scope has been developed between the Tank Farms Operations contractor and the WTP contractor and more interface is planned. HFO will provide an informal briefing as more details are known. *The action remains open.*

19.0 SINGLE-SHELL TANK (SST) RETRIEVAL PROGRAM

Significant Accomplishments during the Prior Month

Completed Accomplishments

- Nothing reported.

On-Going Activities

- Continued Tank A-106 retrieval operations. The total waste volume retrieved as of the end of May 2026 was approximately 92 percent. HFO added that it believed it was now at the first limit of retrieval technology. HFO will continue retrieval operations with a second retrieval technology deployed. HFO forecasted completion of A-106 by the end of July 2026.

Significant Planned Activities in the Next Month

- Complete the Tank A-102 Post-Retrieval Tank Sampling and Analysis Plan (TSAP). HFO provided an update to note that the TSAP was sent to Ecology as a TPA secondary document on June 22, 2026.

Issues/Other Items

- HFO cautioned that with the completion of A-106 retrieval, only 300,000 gallons or 1% of double shell tank space will be available in the 200 East Area.
- Through the end of May 2026, tank-side cesium removal has not been able to complete a planned batch of pretreatment of approximately 200,000 gallons of tank waste.

20.0 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 May 2026 Consent Decree Monthly Report.

For April 2026, HFO reported a net favorable schedule variance of approximately $2.56M or 6 percent ahead of schedule.

- The majority of the favorable current period schedule variance in engineering was primarily related to early completion of civil, structural, and architectural open design items. These activities required less effort than initially anticipated, and available staffing enabled acceleration. The favorable schedule variance in construction was associated with early completion of pipe fabrication and installation, alongside schedule acceleration enabled by favorable weather during the placement of steel formwork, rebar, embeds, and concrete slabs.
- As of April 2026, the critical path schedule to completion of the HLW Facility specific 90 percent system design reviews continued to report performance that is approximately 7 months ahead of the proposed risk-informed date of March 28, 2028, provided by Bechtel National, Inc. (BNI) in their November 2023 proposal for the design completion period.

For April 2026, HFO reported a net favorable cost variance of approximately $4.3M, primarily due to:

- The majority of the current period favorable CV of $4.3 million for the HLW Facility was due to underruns in training across disciplines resulting from limited hiring and the following engineering-related contributions:
    - Fewer quantities realized than planned related to bulk procurement support
    - Fewer datasheets and post-award subcontract submittals
    - Reduced number of revisions to structural drawings, C1V ventilation calculations and C3V ventilation orthographics
- There was a slight offsetting variance of $131,000 (between 1 and 2 percent) in project services due to slight increases in staff related to information systems and technology and in the environmental, safety and health areas.

Issues/Other Items

- Ecology asked about the schedule for construction. HFO replied construction is ahead of schedule, with favorable weather over the past winter being a big contributor. HFO added that HLW Facility building enclosure is planned by the end of 2028. Ecology asked if there was currently positive schedule margin. HFO responded that there was positive schedule margin, but HFO hopes to increase that margin even more.

22.0 PRETREATMENT (PT) FACILITY

Project Schedule and Cost Variance Performance

- Nothing reported.

Significant Accomplishments during the Prior Month

- Nothing reported.

Ongoing Activities:

- Nothing reported.

Significant Planned Activities in the Next Month

- Nothing reported.

Issues/Other Items

- HFO reported activities associated with the Pretreatment Facility Reutilization Study continue, as a new contract for the study has been awarded. Ecology asked if there was a schedule for delivery of the study. HFO replied there is no set date but will inform Ecology once that date is known.

23.0 HIGH-LEVEL WASTE (HLW) FACILITY

Project Schedule and Cost Variance Performance

- See WTP Project, Section 20.0.

Significant Accomplishments during the Prior Month

- Completed the 90 percent system design review for the HLW melter handling system.
- Completed the 90 percent system design review for the HLW Canister Decontamination Handling System and the HLW Canister Export Handling System.
- Completed the 30 percent design review for the BOF chiller compressor upgrade.

Ongoing Activities:

- Fourteen 90 percent system design reviews are planned for FY 2026. As of May 2026, seven of the fourteen HLW Facility 90 percent design reviews have been completed.
- Setting nine over-the-top equipment items and completing six concrete placements are planned for FY 2026. As of May 2026, nine over-the-top equipment items have been set, and three concrete placements have been completed. HFO added an update to note that one additional concrete placement has been completed since May 2026.

Significant Planned Activities in the Next Month

- Complete the 90 percent system design review for the HLW melter handling system
- Complete the 90 percent system design review for the HLW radioactive solid waste
- handling system
- Begin HLW Phase 1B design completion period negotiations.

Issues/Other Items

- HFO reported a potential issue with lab testing of concrete, but the issue has since been resolved and no schedule time was lost.

24.0 LOW-ACTIVITY WASTE FACILITY

Project Schedule and Cost Variance Performance

- See WTP Project, Section 20.0.

Significant Accomplishments during the Prior Month

- Operated Melter 1 and Melter 2 processing 29,757 gallons of waste feed during May 2026, and a cumulative total of 115,361 gallons through May 26, 2026. HFO added that it recorded a record month for glass production.
- Completed glass former reagent (GFR) GFR-2 system tie-in to Melter 2 and began new GFR feed to Melter 2 on May 22, 2026.
- GFR-1 dry powder testing began on May 26, 2026. HFO added that it expects to have both melters running the week of July 13, 2026.
- Received preconditioned tank waste from Tank AP-106 to the LAW Facility.
- HFO added an update to note that the LAW Facility underwent an outage in June, which limited waste processing. HFO also reported accumulations of solids in the film cooler transfer line in Melter 2. The issue has since been rectified.

On-Going Activities

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

Significant Planned Activities in the Next Month

- Continue processing immobilized LAW glass of acceptable quality. HFO added an update to note that expects to fill the 110th container of glass today, July 9, 2026. HFO also provided an update to note that 80 containers have now been shipped to the Immobilized Waste Disposal Facility. HFO also highlighted the recent milestone of the most gallons of waste processed in one day, more than 2,400 gallons. That was reached over the weekend of July 4-5, 2026.
- Continue activities to support the phased upgrade of the LAW GFR system.

Issues/Other Items

- HFO reported that it is investigating higher levels of ammonia detected in the stack probes. One possible solution would be the installation of scrubbers.
- HFO reported that operating in a duel-melter status could yield a new monthly record of 50 to 60,000 gallons of waste processed.
- HFO reported that the first shipment of Effluent Management Facility "bottom" was sent to PermaFix Northwest on July 1, 2026, with a second shipment planned for July 9, 2026.

25.0 BALANCE OF FACILITIES

Project Schedule and Cost Variance Performance

- See WTP Project, Section 20.0.

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 Project, Section 20.0.

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.

U.S. DEPARTMENT *of* ENERGY

Office of Environmental Management

Hanford Field Office

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

Presented by: Ricky Bang, Deputy Assistant Manager, Tank Waste Operations
U.S. Department of Energy, 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 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

Office of Environmental Management

Hanford Field Office

222-S Laboratory Tri-Party Agreement Project Manager Meeting

Reporting Period

May 1, 2026, to June 30, 2026

U.S. Department of Energy, 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

Laboratory Production

- From October 1, 2025, to June 21, 2026, Hanford Laboratory Management and Integration, LLC delivered the following project reports on time or early:
  - 59 of 60 (i.e., 98 percent) high-level radioactive samples
  - 192 of 200 (i.e., 96 percent) low-activity samples

Laboratory Reports Delivered

- Tank 241-AW-102 Evaporator 2026-03 feed characterization and boildown study
- Tank 241-AZ-102 core 2025 characterization
- Central Waste Complex Outdoor Storage Area Soil Project
- Waste Management Area S-SX (Core D0644 & D0652)
- Liquid Effluent Retention Facility influent filter inlet solids
- Effluent Treatment Facility CT Brine characterization

Significant Accomplishments

- Sample receipts:
  - Received samples Waste Receiving Processing Facility for industrial hygiene beryllium testing
  - Received direct-feed low-activity waste feed grab samples from Tank 241-AP-104
  - Received post tank-side cesium removal grab samples from Tank 241-AP-106
  - Received grab samples from Tank 241-SY-102
  - Received core solid samples from Tank 241-AP-102
  - Received S-SX Tank Farm vadose samples

Significant Planned Activities

- Receive and analyze samples from:
  - Tank 241-A-102 post-retrieval solids grab sample
  - Tank 241-AW-102 evaporator feed
  - Tank 241-AP-104 core
- Complete renovation of Room 4K
- Initiate Room 1GA/GC renovation
- Initiate Laboratory Operations Center construction
- Replace below grade sanitary water lines feeding 222-S Laboratory and support buildings

Fiscal Year 2026 Equipment Upgrades

Analytical Instrument	Status
Inductively coupled plasma – atomic emission spectrometer	Complete
Liquid scintillation counter	Complete
Volatile organic acid purge and trap	Complete
Gas chromatograph – mass spectrometer/thermal desorption unit	Complete
Total organic carbon analyzer	Complete
Particle shape analyzer	Received and Q4 installation
3D printer	Complete
Density meter	Initiating Procurement
Synthesis workstation	Initiating Procurement
Potentiostats (2)	Initiating Procurement

Q = quarter.

Analytical Performance

- Quality assurance evaluations and proficiency tests

Report Date	Reported	Correct	FY 2026 Study
May 2026	70	69	98.6%
June 2026	78	78	100%
Total (FY 2026)	637	628	**98.6%**

FY = fiscal year.

- Hold time performance

Holding Times								
	FY 2021 Final	FY 2022 Final	FY 2023 Final	FY 2024 Final	FY 2025 Final	May	June	**FY 2026 YTD**
Times Met	90.5%	95.4%	97.5%	96.6%	98.6%	97.4%	100.0%	**99.2%**

YTD = year to date.

Accreditations

- American Industrial Hygiene Association accreditation effective through July 1, 2026:
  - Completed successful audit March 10, 2026, through March 12, 2026
  - Expecting new accreditation letter with a 2027 expiration
- Washington State Department of Ecology accreditation effective through November 21, 2026:
  - Completed successful onsite Washington State Department of Ecology audit on June 9, 2026, and June 10, 2026
  - No significant concerns expressed

Technical Support Division Status: Waste Shipped

Waste Type	Containers Shipped (March 1, 2026, to April 30, 2026)	Receiving Facility
Low-level waste	9 RO/ROs	ERDF
Nonregulated	-	-
Mixed and low-level mixed	1 RO/RO and 9 Drums, 10 Drums	ERDF PFNW
Hazardous	-	PFFL
Universal/recycle	-	PFFL

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

Technical Support Division Status: Waste Inventory

219-S Tanks	Inventory (gal)	Max Volume (gal)
TK-101	1132	3600
TK-102	1508	3600
TK-104	476	1710

Container Unit	Inventory (units)
Room 4E	5 drums, 35 containers
Room 2B	9 drums
Dangerous mixed waste storage area	74 drums, 30 containers
T8 Alcove	(fixed)

Questions?

HFO/Ecology TPA and CD Agreements, Issues, and Action Items – July 2026 Meeting

Agreements

1. Per an Ecology standing request (4/21/2016), Department of Energy Hanford Field Office (HFO) agrees to include any written directives given by 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 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 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) HFO has identified Actions 2 (TF-25-08-01) and 3 (TF-25-08-02) below as emergent issues, citing delays in moving forward without a clear regulatory path as having potential impacts to 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-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 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 – HFO committed to scheduling a meeting with Ecology to discuss the draft TPA change control form. August – November 2025 – no change in status. 12/11/25 – DOE HFO targeted beginning discussions with Ecology on the draft TPA change control form after the T Farm and B	HFO	Open

HFO/Ecology TPA and CD Agreements, Issues, and Action Items – July 2026 Meeting

#	Action ID Start Date	Action	Updates / Needs for Closure	Actionee(s)	Status/ Date Closed
			Farm Interim Service Barrier designs are approved - potentially in January 2026. 01/08/26 – HFO reported the briefing would most likely be after January 2026. February-June 2026 – No change in status.		
2	TF-25-08-01 14 Aug 2025	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 HFO when and how that will occur.	09/11/25 – Ecology's Legal department is reviewing and will then meet with Ecology project staff on September 12 or 13, 2025. 10/09/25 – Ecology reported it continues to meet on this topic internally, also that it is still pursuing certification of the practicability document that determined that that clean closure is impractical. Ecology added that this action may not be closed until the RCRA Rev. 9 permit is issued. 11/13/25 – No change in status. 12/11/25 – 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.	Ecology	Open

HFO/Ecology TPA and CD Agreements, Issues, and Action Items – July 2026 Meeting

#	Action ID Start Date	Action	Updates / Needs for Closure	Actionee(s)	Status/ Date Closed
			01/08/26 – HFO and Ecology have begun meeting on the subject, but no resolution has been reached to date. February-June 2026 – No change in status. The Parties continue to meet regularly on the subject.		
3	TF-25-08-02 14 Aug 2025	HFO requests Ecology discuss with Ecology management if there are any inconsistencies between the Washington Administrative Code and the *Central Plateau Inner Area Cleanup Principles and Parameters* (DOE/RL-2019-46 Rev.0) – which was agreed to by the Parties and added to the Tri-Party Agreement Appendix F on 10/28/20 (AR-04246) – and provide them to HFO.	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. October-November 2025 – No change in status. 12/11/25 – No change in status, however, Ecology suggested HFO revisit Section 1.3, Cleanup Levels of the *Central Plateau Inner Area Cleanup Principles and Parameters* (DOE/RL-2019-46 Rev.0) for more background on the issue surrounding Clean Closure vs. Landfill Closure prior to any further discussions. 01/08/26 – HFO and Ecology have begun meeting on the subject, but no resolution has been reached to date.	Ecology	Open

HFO/Ecology TPA and CD Agreements, Issues, and Action Items – July 2026 Meeting

#	Action ID Start Date	Action	Updates / Needs for Closure	Actionee(s)	Status/ Date Closed
			February-June 2026 – No change in status. The Parties continue to meet regularly on the subject.		
4	TF-26-06-01 11 June 2026	HFO is seeking Ecology feedback on four draft TPA change control forms (CCFs) to align SST Closure milestones.	HFO and Ecology met on 5/11/26 to discuss potential modifications to several SST closure milestones. HFO emailed four draft CCFs to Ecology on 5/12/26 for review and comment. At the June PMM, Ecology stated they were meeting internally on the CCFs and still needed to have their legal department review.	Ecology	Open
5	TF-26-06-02 11 June 2026	HFO is asking Ecology to provide a timeline for meeting to discuss dual glass plus grout opportunity to provide additional operational flexibility in 200 East Area and make space in the DST system for tank waste retrievals and treatment.	On 5/22/26, Ecology Director Casey Sixkiller transmitted a letter regarding DOE's proposed alternative treatment pathway for tank waste in the 200 East Area. The letter did not foreclose future discussions on the issue. HFO is requesting to meet with Ecology and EPA to discuss.	Ecology	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-023-23	Other	ECY/DOE	June2026	N/A	N/A	RPP-9937 Annual Meeting Minutes for CY 2026		AR-40763	9-Jul-26	
M-045-123	Other	ECY/DOE	June 2026	RPP-RPT-66098	0	Data Quality Objectives for Vadose Zone Characterization at Waste Management Area B-BX-BY	support the Phase 2 Resource Conservation and Recovery Act (RCRA) facility investigation (RFI)/corrective measures study (CMS) for the Hanford Site Single-Shell Tank system WMA B-BX-BY study area	AR-40774	9-Jul-26	
M-045-123	Other	ECY/DOE	June 2026	GJO-2004-554-TAC	N/A	Hanford Tank Farms Vadose Zone Monitoring Project Annual Monitoring Report for Fiscal Year 2003	support the Phase 2 Resource Conservation and Recovery Act (RCRA) facility investigation (RFI)/corrective measures study (CMS) for the Hanford Site Single-Shell Tank system WMA B-BX-BY study area	AR-40933	9-Jul-26	
M-045-123	Other	ECY/DOE	June 2026	GJO-2003-400-TAC	N/A	Hanford Tank Farms Vadose Zone Monitoring Project Annual Monitoring Report for Fiscal Year 2002	support the Phase 2 Resource Conservation and Recovery Act (RCRA) facility investigation (RFI)/corrective measures study (CMS) for the Hanford Site Single-Shell Tank system WMA B-BX-BY study area	AR-40931	9-Jul-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 June												

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. Reference DOE letter 25-TWO-0151 dated 1/05/26, which transmitted RPP-PLAN-65643, "Single-Shell Tank System Leak Response Plan," Rev. 1 to ECY.
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	Irwin, Mat	Reference DOE letter 23-TWO-0024 dated 1/3/24, which submitted RPP-RPT-64422, "Tank 241-B-109 and 241-T-111 Intrusion Investigation and Intrusion Response Work Plan," Rev. 1 to ECY, which identified the Final Report being issued by 3/31/2027.
A-022-04	8/25/2023	Complete 8/21/2023	Submit active ventilation practicability evaluation and determination	AO V.C.1.iv	Noyes, Delmar	Reference DOE letter 23-TF-0033 dated 8/21/2023, which submitted RPP-RPT-64081, "241-B-109 Active Ventilation Practicability Evaluation," Rev. 0 to ECY, completing this requirement.
A-022-05	2/1/2024	Complete 1/30/2024	If applicable, submit Active Ventilation Work Plan	AO V.C.1.v	Noyes, Delmar	Reference DOE letter 24-TWO-0006 dated 1/30/24, which submitted RPP-PLAN-65745, "Work Plan for Active Ventilation of 241-B-109 as an Interim Leak Response," Rev. 0 to ECY, completing this requirement.
A-022-06	TBD (Pursuant to approved Active Ventilation Work Plan schedule)	Complete 5/14/2024	If applicable, install and begin operation of active ventilation system on B-109	AO V.C.2.iii	Noyes, Delmar	Reference DOE letter 24-TWO-0059 dated 5/14/24, stating based on recent discussions with ECY, DOE has decided not to install an active ventilation system on Tank 241-B-109. This decision is made pursuant to Agreed Order Docket No. 21304, Section V.C.1.iii, which states that "installation [of an active ventilation system] will not be required if, based on the approved evaluation, DOE determines that […] (iii) permitting or other requirements or issues (e.g., design limitations, scaling limitations) pose an unreasonable impediment to proceeding to installation."
A-022-07	8/31/2025	Complete 12/12/2024	Submit interim barrier design for T-Farm Submit revised RPP-RPT-61684, "Maintenance & Performance Monitoring Plan for the Interim Barriers" that includes the new 241-T Tank Farm barrier	AO V.D.1.i	Noyes, Delmar	Reference DOE letter 24-TWO-0167 dated 12/12/24, which submitted the T Tank Farm Interim Surface Barrier design package and RPP-RPT-61684, Maintenance and Performance Monitoring Plan for the Interim Surface Barriers Program, Rev 4A, to complete this requirement.
A-022-08	8/31/2026	Complete 3/10/2025	Submit interim barrier design for B-Farm Submit revised RPP-RPT-61684, "Maintenance & Performance Monitoring Plan for the Interim Barriers" that includes the 241-B Tank Farm barrier	AO V.D.1.ii	Noyes, Delmar	Reference DOE letter 25-TWO-0029 dated 3/10/25, which submitted the B Tank Farm Interim Surface Barrier design package and RPP-RPT-61684, Maintenance and Performance Monitoring Plan for the Interim Surface Barriers Program, Rev. 5 to complete this requirement.
A-022-09	**09/30/2028***	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	AO V.D.2.i	Irwin, Mat	Reference DOE letter 24-TWO-0167 dated 12/12/24, which submitted the T Farm Interim Surface Barrier design package to ECY. Reference ECY letter 25-NWP-002 dated 1/02/25, which extended ECY's review/comment period on the T Farm Interim Surface Barrier design package to 2/25/25. Reference ECY letter 25-NWP-028 dated 2/19/25, which transmitted comments to DOE on RPP-RPT-61684, T Tank Farm Interim Surface Barrier Design and the Maintenance and Performance Monitoring Plan for the Interim Surface Barriers Program, Rev. 4A. Reference DOE letter 25-TWO-0052 dated 4/10/25, which responded to ECY's comments by providing RPP-

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
			be given for each day construction is not authorized following 3 months after submittal.			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 design with letter 24-TWO-0167. Reference ECY letter 25-NWP-071 dated 5/08/25, which extended ECY's review/comment period on the T-Tank Farm Interim Surface Barrier Design and RPP-RPT-61684, Maintenance and Performance Monitoring Plan for the Interim Surface Barriers Program, Rev. 5A to 6/25/25. Reference ECY letter 25-NWP-095 dated 6/18/25, which transmitted comments to DOE on RPP-RPT-61684, Rev 5A.
A-022-10	**09/30/2028***	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 25-TWO-0029 dated 3/10/25, which submitted the B Tank Farm Interim Surface Barrier design package to ECY. Reference ECY letter 25-NWP-049 dated 3/24/25, which extends ECY's review/comment period on the B-Tank Farm Interim Surface Barrier Design to 6/10/25. Reference ECY letter 25-NWP-084 dated 6/09/25, which submitted comments to DOE on the B-Tank Farm Interim Surface Barrier Design and RPP-RPT-61684, Rev 5.
A-022-11	10/31/2024	~~Dispute Resolution~~ Complete 1/14/2025	Complete System Plan 10 milestone negotiations *A day-for-day slip in completing these milestone negotiations will be given for each day that the deadline for submission of System Plan 10 under HFFCO Milestone M-062-40 is extended by mutual agreement of the Parties.	AO V.E.2.i	Noyes, Delmar	Reference DOE letter 24-TWO-0077 REISSUE dated 7/03/24, which requested to initiate milestone negotiations with ECY. DOE and ECY conducted first milestone negotiation session on 9/11/24 and negotiations were ongoing through 10/31/24. Reference DOE letter 24-TWO-0133 dated 11/01/24, which invoked dispute resolution with ECY regarding Agreed Order requirement, V.E.2.i (A-022-11), "Negotiate new HFFACO milestones for the retrieval of SSTs 241-T-111 and 241-B-109. On 11/27/24, dispute was extended at the PM level from 12/02/24 until 1/31/25. Reference approval of TPA Change Control Form M-45-25-01 on 1/14/25, which resolved the dispute and completed this requirement by establishing new TPA Interim Milestones M-045-140 and M-045-141 for retrieval of tank waste from SSTs 241-B-109 and 241-T-111.
A-022-12	8/25/2024	Complete 8/08/2024	Submit Leak Detection and Monitoring Technology Evaluation	AO V.F.1.ii	Noyes, Delmar	Reference DOE letter 24-TWO-0091 dated 8/08/24, which submitted RPP-RPT-64595, Rev 0 to ECY for approval and completed this requirement.
A-022-13	TBD (Within 90 days of ECY's approval of the Leak Detection and Monitoring Technology Evaluation)	On Schedule	If applicable, submit Leak Detection and Monitoring Technology Work Plan	AO V.F.2.ii	Irwin, Mat	Reference DOE letter 24-TWO-0091 dated 8/08/24, which submitted RPP-RPT-64595, Rev 0 to ECY for approval. Reference ECY letter 24-NWP-177 dated 9/19/24, which extended their review/comment period until 11/08/24. Reference ECY letter 24-NWP-206 dated 11/08/24, which extended their review/comment period until 12/20/24. Reference ECY letter 24-NWP-224 dated 12/19/24, which transmitted comments on RPP-RPT-64595, Rev 0 to DOE for comment resolution. Reference DOE letter 25-TWO-0003 dated 1/15/25, which extended DOE's comment resolution period to 4/24/25. Reference ECY letter 25-NWP-014 dated 2/07/25, approving DOE's extension for comment resolution to 4/24/25. Reference DOE letter 25-TWO-0054 dated 4/17/25, which extended DOE's comment resolution period to 6/30/25. Reference ECY letter 25-NWP-064 dated 4/28/25, approving DOE's extension for comment resolution to 6/30/25. Reference DOE letter 25-TWO-0069 dated 5/21/25, which submitted RPP-RPT-64595, Rev 1 and responded to ECY's comments.

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
						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 7/15/25, which responded to ECY's comments. Reference ECY letter 25-NWP-131 dated 8/14/25, which transmitted comments on RPP-RPT-64595, Rev 1 to DOE for comment resolution. Reference DOE letter 25-TWO-0107 dated 9/11/2025, which responded to ECY's comments and requested ECY's approval of RPP-RPT-64595, Rev 1. Reference ECY letter 25-NWP-162 dated 10/08/25, which extended their review period to 11/13/25. Reference ECY letter 25-NWP-200 dated 11/12/25, which extended their review period to 1/15/26. Reference ECY letter 26-NWP-003 dated 1/15/26, which extended their review period to 3/12/26. Reference letter 26-NWP-029, dated 3/12/26 which transmitted ECY comments on RPP-RPT-64595, Rev 1 to DOE. Reference DOE letter 26-TWO-0026, dated 4/06/26, which extended their comment resolution period to 6/11/26. Reference ECY letter 26-NWP-048 dated 4/21/26, approving DOE's extension for comment resolution to 6/11/26. Reference DOE letter 26-TWO0042, dated 6/9/26, which requested an extension of the comment resolution period until 9/11/26. Reference ECY letter 26-NWP-084, dated 6/22/26, approving DOE's extension for comment resolution to 9/11/26.
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:

1. 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).
2. On May 10, 2023, the PCHB issued Settlement Agreement PCHB No. 22-073 from the Heart of America Northwest appeal of the Agreed Order between Ecology and DOE.

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

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

No.	Due Date	Status	Requirement	AO Reference	DOE AM	Remarks
A-024-01	1/31/2025	Complete 1/16/2025	Submit results of 241-T-101 intrusion investigation and, if applicable, Intrusion Response Work Plan	AO Addendum V.B.1	Noyes, Delmar	Reference DOE letter 25-TWO-0002 dated 1/16/25, which submitted RPP-RPT-65278, "Tank 241-T-101 Intrusion Investigation and Intrusion Response Work Plan," Revision 0, to ECY.
A-024-02	Pursuant to approved Intrusion Response Work Plan schedule	On Schedule	If applicable, implement 241-T-101 Intrusion Response Work Plan and submit final report on effectiveness of intrusion response actions	AO Addendum V.B.2	Irwin, Mat	Reference ECY letter 25-NWP-023 dated 2/05/25, extending their review/comment period on RPP-RPT-65278, Tank 241-T-101 Intrusion Investigation and Intrusion Response Work Plan, Rev 0, to 4/16/25. Reference ECY letter 25-NWP-059 dated 4/16/25, extending their review/comment period on RPP-RPT-65278, Tank 241-T-101 Intrusion Investigation and Intrusion Response Work Plan, Rev 0, to 5/20/25. Reference ECY letter 25-NWP-069 dated 5/16/25, which transmitted comments to DOE on RPP-RPT-65278, Rev 0. Reference DOE letter 25-TWO-0072 dated 6/02/25, which requested an extension to respond to ECY's comments to 7/25/25. Reference ECY letter 25-NWP-088 dated 6/13/25, which concurred with DOE's extension to 7/25/25 to resolve ECY's comments. Reference DOE letter 25-TWO-0089 dated 7/22/25, which responded to ECY's comments and submitted RPP-RPT-65278, Rev 1 to ECY for review. Reference ECY letter 25-NWP-137 dated 8/20/25, extending their review/comment period to 9/21/25. Reference ECY letter 25-NWP-154 dated 9/17/25, extending their review/comment period to 10/24/25. Reference ECY letter 25-NWP-172 dated 10/16/25, which transmitted comments to DOE on RPP-RPT-65278, Rev 1. Reference DOE letter 25-TWO-0135 dated 10/28/25, which extended DOE's comment resolution period to 12/31/25. Reference ECY letter 25-NWP-199 dated 11/06/25, which concurred with DOE's extension to 12/31/25 to resolve ECY's comments. Reference DOE letter 25-TWO-0153 dated 12/22/25, which responded to ECY's comments and submitted RPP-RPT-65278, Rev 2 to ECY for review. Reference ECY letter 26-NWP-006 dated 1/22/26, extending their review/comment period to 3/12/26. Reference DOE letter 26-TWO-0013 dated 2/18/26, which submitted a revised review comment record and requested ECY approval of RPP-RPT-65278, Rev. 2. Reference ECY letter 26-NWP-027, dated 3/11/26, which approved RPP-RPT-65278, Rev. 2.
A-024-03	1/31/2025	Complete 1/16/2025	Submit 241-T-101 active ventilation practicability evaluation and determination	AO Addendum V.C.1	Noyes, Delmar	Reference DOE letter 25-TWO-0006 dated 1/16/25, which submitted RPP-RPT-65234, "241-T-101 Active Ventilation Practicability Evaluation," Revision 0, to ECY.
A-024-04	Within 90 days of ECY's approval of the active ventilation practicability evaluation and determination	Complete 8/27/2025	If applicable, submit 241-T-101 Active Ventilation Work Plan	AO Addendum V.C.2	Bang, Ricky	Reference ECY letter 25-NWP-023 dated 2/05/25, extending their review/comment period on RPP-RPT-65234, Tank 241-T-101 Active Ventilation Practicability Evaluation, Rev 0, to 4/16/25. Reference ECY letter 25-NWP-059 dated 4/16/25, extending their review/comment period on RPP-RPT-65234, Tank 241-T-101 Active Ventilation Practicability Evaluation, Rev 0, to 5/20/25. Reference ECY letter 25-NWP-078 dated 5/20/25, extending their review/comment period on RPP-RPT-65234, Rev 0, to 6/20/25. Reference ECY letter 25-NWP-096 dated 6/18/25, which submitted comments to DOE on RPP-RPT-65234, Rev 0. Reference DOE letter 25-TWO-0086 dated 7/16/25, which responded to ECY's comments. Reference ECY letter 25-NWP-138 dated 8/27/25, which approved RPP-RPT-65234, Tank 241-T-101 Active Ventilation Practicability Evaluation, Rev 0, and accepted the

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
						determination that active ventilation of SST 241-T-101 is not practicable and completes this requirement.
A-024-05	Pursuant to approved Active Ventilation Work Plan schedule	Complete 8/27/2025	If applicable, install and begin operation of active ventilation system on 241-T-101	AO Addendum V.C.3	Bang, Ricky	Reference ECY letter 25-NWP-138 dated 8/27/25, which approved RPP-RPT-65234, Tank 241-T-101 Active Ventilation Practicability Evaluation, Rev 0, and accepted the determination that active ventilation of SST 241-T-101 is not practicable and completes this requirement.
A-024-06	1/31/2025	Complete 1/14/2025	Negotiate new HFFACO milestones for retrieval of tank 241-T-101	AO Addendum V.E	Noyes, Delmar	Reference approval of TPA Change Control Form M-45-25-02 on 1/14/25, which completed this requirement by establishing new TPA Interim Milestone M-045-143 for retrieval of tank waste from SST 241-T-101.

DOE Tank Waste Operations/Waste Treatment and Immobilization Plant
Tri-Party Agreement Monthly Project Managers Meeting
July 9, 2026

ATTENDEES

Ricky Bang, DOE-TWO
Becky Blackwell, DOE-TWO
Jeff Cheadle, DOE-TWO
Bill Clarno, DOE-WTP
Mike Demiter. DOE-ECD
Mat Irwin, DOE-WTP
Katelin Jennings, DOE-TWO
Kallen Kidder, DOE-TWO
Dawn MacDonald, DOE-TWO
Chantal Martin, DOE-TWO
Emily Millikin, DOE-TWO
Ben Piepenbring, DOE-TWO
Will Ruane, DOE-TWO
Bryan Trimberger, DOE-ECD
Craig Whiteley, DOE-WTP
Andy Wiborg, DOE-TWO
Katie Wong, DOE-TWO
Holly Bowers, H2C
Deanna Klages, H2C
Marc Levitt, H2C
Maria Lopez, H2C
Katie Roberts, H2C
Jay Warwick, H2C
Don Heidelberg, HLMI
Annie McLain, HLMI
Eric Van Mason, HLMIf
Cynthia Bounds, HMIS
Stephanie Brasher, HMIS
Susie Konen, HMIS
Barb May, HMIS
Michael Turner, HMIS
Debra Alexander, Ecology
Cole Caldwell, Ecology
Ambika Chakravartty, Ecology
Jackson Davis, Ecology
Doug D'Hondt, Ecology
Tracy Gao, Ecology
Cathrene Glick, Ecology
Amie Green, Ecology
Moises Guevara, Ecology
David Hampton, Ecology
Luissa Johnston, Ecology
Jeff Loa, Ecology
Dan McDonald, Ecology
Joy Morris, Ecology
Stephanie Schleif, Ecology
Beth Rochette, Ecology
Matt Hendrickson, State of Oregon