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

May 14, 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.

RICKY BANG Digitally signed by RICKY BANG Date: 2026.05.28 07:33:30 -07'00'

Ricky Bang, Project Manager
U.S. Department of Energy, Hanford Field Office
Tank Waste Operations

KRISTOPHER THOMAS Digitally signed by KRISTOPHER THOMAS Date: 2026.05.27 16:31:33 -07'00'

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

Amie Green Digitally signed by amgr461@ecy.wa.gov Date: 2026.06.02 07:53:25 -07'00'

Amie Green, Project Manager
Washington State Department of Ecology

Dan McDonald 2026.05.28 14:16:37 -07'00'

Dan McDonald, Project Manager
Washington State Department of Ecology

Ambika Chakravartty 2026.05.28 15:43:15 -07'00'

Ambika Chakravartty, Project Manager
Washington State Department of Ecology

Debra J. Alexander 2026.06.02 12:05:38 -07'00'

Debra Alexander, Project Manager
Washington State Department of Ecology

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
May 14, 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 July 9, 2026. The next TPA/CD TWO/WTP Quarterly Milestone Review Meeting is June 11, 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 March 1−March 31, 2026*, was entered into the Hanford AR on April 29, 2026 (reference AR-40185).
- *U.S. Department of Energy, Hanford Field Office Consent Decree Monthly Report, Monthly Reporting Period March 1−March 31, 2026* was entered into the Hanford AR on April 29, 2026 (reference AR-40184).
- The meeting minutes from the April 9, 2026, TPA Monthly Project Managers Meeting were added to the Hanford AR on May 13, 2026 (AR-40402).

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.

For details on the status of specific milestones, see pages 1-3 of the March 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 – May 2026 Meeting".*

Emergent Issues (Past 3 Months):
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 HFO's ability to meet existing TPA milestone due dates (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 provide the briefing to Ecology after the T and B Farm ISB designs are approved. There was no change in status, however the Parties continue to meet on this topic. *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. Though the Parties continue to meet on this subject, there is no change in status. *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-26-04-01): HFO requested Ecology provide an update on the status of completing reviews and signature/approval of WMA S-SX RFI/CMS Sample Depth Selection Meeting Minutes for boreholes D0640, D0646, D0652, D0644, and D0650. At today's meeting, HFO acknowledged receiving the deliverable and as such, agreed the action could be closed. *The action was closed.*

Action No. 5 (TF-26-04-02): HFO requested a status on when Ecology will provide redline comments on the draft RPP-RPT-61684, Maintenance and Performance Monitoring Plan for the Interim Surface Barriers Program, Rev. 7, and draft TPA change control form for modifying the M-045-92 milestone series. At today's meeting, Ecology reported it was working on getting its comments to HFO during the week of 05/14/26. As such, HFO agreed the action could be closed. *The action was closed.*

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-022-08 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.
- 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.
- Addendum to Agreed Order #A-024-02, If applicable, implement 241-T-101 Intrusion Response Work Plan and submit final report on effectiveness of intrusion response actions. HFO reported a due date for the submittal of the final report will be established after agreement of the T and B Farm ISB construction dates is reached.

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 April 26, 2026, Hanford Laboratory Management and Integration, LLC delivered 36 of 36 (100%) high-level radioactive sample deliverables on-time or early, while 145 of 150 (97%) low-activity sample analysis project reports were delivered on-time or early.
- HFO noted that the sampling schedule was light during the past few months which allowed for maintenance and training activities. HFO added that the sampling schedule will increase significantly in the last five months of the year.

Laboratory Reports Delivered

- 271-T and 277-T Outdoor Storage Area Soil Project
- Tank 241-AZ-102 corrosion susceptibility assessment
- Central Waste Complex Outdoor Storage Area Soil Project
- Waste Management Area S-SX (Core D0640)

Significant Accomplishments

- Repaired roof on the east side of 222-S Laboratory
- Replaced 222-S ventilation system exhaust fan 3 and air handler unit 3 electric motors – completed during planned outage
- Sample receipts:
    - Received soil samples from 277-T and Central Waste Complex Storage Areas
    - Received evaporator feed grab samples (EC-16) from Tank 241-AW-102
    - Received post-retrieval solids grab samples from Tank 241-A-101
    - Received grab samples from Tank 241-AP-101
    - Received S-SX Tank Farm vadose samples

Significant Planned Activities

- Receive and analyze samples from:
    - Tank 241-AP-104 direct feed low-activity waste grab sample
    - Tank 241-AP-102 core sample
    - Tank 241-AP-106 tank-side cesium removal direct feed low-activity waste grab sample
    - Tank 241-SY-102 grab sample
    - Tank 241-A-102 post-retrieval solids grab sample
- Complete renovation of Room 4K. HFO added this renovation of a 1950's era building and equipment is near completion, which when finished, will bring the lab up to contemporary standards, including modern analytic equipment.
- 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 June 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 below grade sanitary water lines feeding 222-S and support buildings. HFO added that these upgrades are critical towards maintaining the facility for long term use.

Equipment Upgrades

- Procure and install instrument upgrades in FY 2026:
    - Inductively coupled plasma – atomic emission spectrometer (received, will be installed in the 3rd quarter of the fiscal year)
    - Liquid scintillation counter (received, expected to be installed today, May 14, 2026)
    - Volatile organic acid purge and trap (complete)
    - Gas chromatograph – Mass spectrometer/Thermal desorption unit (received, will be installed in the 43rd quarter of the fiscal year)
    - Total organic carbon analyzer (procured, will be installed in the 4th quarter of the fiscal year)
    - 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 the 222-S Laboratory has a 98.4% Proficiency Testing rate for fiscal year 2026 to date, with 481 of 489 correct samples.
- HFO reported that Hold Time Performance for fiscal year 2026 to date was 99.8%.
- 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 will also conduct an on-site audit June 9-10, 2026.

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 facility Perma-Fix Northwest, Inc.
- HFO noted that Tank-102 contents were transferred, bringing capacity to 1,500 gallons.

Issues/Other Items

Nothing reported.

4.0 SYSTEM PLAN

Significant Past Accomplishments

- Nothing reported

Significant Planned Actions in the Next Six Months.

- Model the scenarios selected for ORP-11242, River Protection Project System Plan, Rev. 11 and brief the initial results to HFO and Ecology.

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

- 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

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Complete AMPS Project design. HFO added that it expected 100 percent design completion by summer 2026.
- Initiate long-lead procurement items and early site preparation work. HFO added an update to note these activities had already begun.

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 July 2026.

Issues/Other Items

- Nothing reported.

10.0 TEST BED INITIATIVE (TBI) DEMONSTRATION

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Ecology provided close out letter 26-NWP-031, "Re: Submittal of the 2,000-Gallon Test Bed Initiative Demonstration Research Development and Demonstration Permit Final Report," for the Research Development and Demonstration Permit on March 11, 2026. Upon receipt of 26-NWP-031, the test bed initiative demonstration will no longer be reported on in the monthly TPA report. HFO added its thanks to Ecology for the assistance with the permitting of the project.

Issues/Other Items

- Nothing reported.

11.0 242-A EVAPORATOR STATUS

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Nothing reported.

Issues/Other Items

- Nothing reported.

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

Significant Past Accomplishments

Operations

- Nothing reported.

Projects

- Nothing reported.

Significant Planned Actions in the Next Six Months

Operations

- Complete Effluent Treatment Facility (ETF) decontamination and main treatment train and secondary treatment train cleanout. Basin 44 campaign is scheduled to begin May 20, 2026.

Projects
- Nothing reported.

LERF Volumes
- See pg. 15 of the March 2026 TPA Monthly Report for a full listing.

Issues/Other Items
- Ecology asked about small holes being discovered in the basins. HFO confirmed that Basin 41 did have small holes or tears, found during operational acceptance testing. The basin was drained and is being repaired. Ecology asked for the repair report. HFO agreed to provide it.
- Ecology asked how many gallons of effluent were expected to be processed in the upcoming Basin 44 campaign. HFO responded it would be approximately 4 million gallons.

13.0 TANK SYSTEM UPDATE

13.1 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.

13.2 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
- See also, "RPP-9937 Requirement Reporting Dashboard" attached to these meeting minutes.
- DOE-HFO provided the listing of Tanks Currently Exceeding Specification Limits. There are five tanks that were found to exceed specification limits.
- There was one tank, SY-112 that missed a required valid reading. HFO is planning a remeasurement.

- There was one Extended Outage/Device Repair
  - 244-BX-DCRT Missed Quarterly Level Reading, manual tape jam was fixed, and a valid reading was obtained for quarter 1 of calendar year 2026.
- There was one Baseline Change Authorization implemented:
  - T-201, known intrusion
- There were no Newly Identified Intrusions or Declarations of Leaks to the Environment.
- One tank level was returned within specification limits:
  - TY-105

Issues/Other Items

- Ecology wanted more information on the intrusion in Tank T-201. HFO agreed to provide that information.

14.0 INDEPENDENT QUALIFIED REGISTERED PROFESSIONAL ENGINEER (IQRPE) ACTIVITIES

Double Shell Tank System

- Nothing reported.

15.0 IN-TANK CHARACTERIZATION AND SUMMARY

15.1 Reports Completed or Released

- Nothing reported.

15.2 Tank Sampling

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Nothing reported.

Issues/Other Items

- Nothing reported.

15.3 Best-Basis Inventory Updates

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Month

- Nothing reported.

Issues/Other Items

- Nothing reported.

16.0 SINGLE-SHELL TANK CLOSURE PROGRAM

Significant Past Accomplishments

- Provided draft RPP-RPT-61684, Maintenance and Performance Monitoring Plan for the Interim Surface Barriers Program, Rev. 7 and a draft TPA change control form to modify the M-045-92 interim milestone series to Ecology for informal review. HFO thanked Ecology for their assistance and participation in meetings on the subject.

Significant Planned Activities in the Next Six Months

- Submit the Phase 2 Resource Conservation and Recovery Act of 1976 (RCRA) corrective measures study (CMS) for Waste Management Area (WMA) A-AX to Ecology for review in May 2026 to fulfill milestone M-045-106. HFO added an update to note that the WMA-A/AX RCRA CMS was submitted to Ecology on May 4, 2026, completing TPA Milestone M-045-106.

Issues/Other Items

- Nothing reported.

17.0 SINGLE-SHELL TANK RETRIEVAL PROGRAM

Significant Past Accomplishments

- Incorporated the Tank 241-A-103 tank waste retrieval work plan (TWRWP) redline comments from Ecology to the document. HFO added an update, noting that the TWRWP was sent to Ecology for approval on April 29, 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

- Nothing reported.

Issues/Other Items

- Nothing reported.

18.0 TANK OPERATIONS PROJECT SCHEDULE AND COST VARIANCE PERFORMANCE

Base Operations:

The February 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 March 2026 TPA Monthly Report.

- The month showed a favorable schedule variance of approximately $1.3M, primarily due to schedule recovery on the Bundi Hut, schedule accelerants at AP-103 and -104 transfer pump replacements and SY-103 remediation construction schedule recovery.
- The current month showed an unfavorable cost variance of approximately $1.8M, primarily due to SY Tank Farm pit floor repair and ETF/LERF operations costs and high-dose work

being done in pit. Ecology asked if the high dose rates were expected. HFO replied that they were and scheduling has been adapted to compensate for that work.

Retrieve and Close Single Shell Tanks:
The February 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 March 2026 TPA Monthly Report.

- The month showed an unfavorable schedule variance of approximately $197,000.
- The month showed an unfavorable cost variance of approximately $595,100.
- Both of the above are under reporting threshold.

Waste Feed Delivery/Treatment:
The February 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 March 2026 TPA Monthly Report.

- The month showed a favorable schedule variance of approximately $188,000.
- The month showed a favorable cost variance of approximately $142,400
- Both of the above are below the reporting threshold.

Treat Waste:
The February 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 March 2026 TPA Monthly Report.

- The month showed a favorable schedule variance of approximately $998,500, primarily due to schedule recovery on AMPS procurements.
- The month showed a favorable cost variance of approximately $426,400.

Issues/Other Items

- Nothing reported.

19.0 CONSENT DECREE MILESTONES/ADMINISTRATIVE ACTIONS

Consent Decree Milestones
HFO reported Consent Decree (CD) milestones as Completed, On Schedule, or At Risk. HFO also highlighted that Milestone D-16C-03AN, Submit Quarterly Report to Ecology and State of Oregon, due May 15, 2026, was completed May 4, 2026 (outside the reporting period).

See pages 3-5 of the HFO March 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 May 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 the WTV has been impacted by funding, but some limited contracting scope has been developed between the Tank Farms Operations contractor and the WTP contractor, and more interface is planned. Ecology cautioned that the WTV was an essential function of the DHLW program and delays could begin to impact Consent Decree milestones. *The action remains open.*

20.0 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 March 2026 was approximately 77 percent. HFO provided an update to note that A-106 have now resumed retrieval operations after being paused to complete A-102 retrievals. HFO projected completion of A-106 retrievals in August 2026.
- Continued Tank A-102 retrieval operations. The total waste volume retrieved as of the end of March 2026 was approximately 70 percent. HFO provided an update to note that the percentage retrieved is now 85 percent – and that limits were met after two retrieval technologies were deployed.

Significant Planned Activities in the Next Month

- Nothing reported.

Issues/Other Items

- HFO noted that the following statement from the March 2026 Consent Decree Monthly Report was updated:
    - On October 28, 2025, the U.S. Department of Energy (DOE) briefed Ecology on the status of 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 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. DOE met with Ecology and the U.S. Environmental Protection Agency on December 11, 2025; December 16, 2025; January 8, 2026; January 13, 2026; February 5, 2026; February 12, 2026; and February 18, 2026; to brief and discuss tank waste processing status and options to prevent operational impacts to tank waste treatment and single-shell tank retrievals. DOE submitted a permit modification on February 25, 2026, to enable a shift from solidifying a portion of the concentrated byproduct in glass to solidifying it in grout locally and shipping it out of Washington state for

commercial disposal. The permit modification's public comment period was open and will continue through April 26, 2026. DOE will continue to engage with Ecology and the U.S. Environmental Protection Agency regarding these challenges and potential opportunities.
    - HFO added that the public comment period was now closed and after receiving the permit, grouting could begin in late summer, which will greatly improve double-shell tank capacity.
    - HFO noted that issues still remain with A-103 retrievals.
    - EPA asked if HFO had established the transportation route for the grouted waste. HFO responded that the carrier provides that information, usually just days before a shipment but HFO expects the route to be similar to the route that was used for the grouted waste from the Test Bed Initiative. HFO also reported that it has been giving briefings to various emergency responders in the region. EPA asked that HFO share as much information as it could with EPA and added that its offices had been getting inquiries. HFO agreed to do so.
- Ecology asked if HFO would be providing more information on the limits of technology reached on A-102 retrieval. HFO acknowledged that it would provide that information.
- Ecology asked if the IQRPE was complete on Cross-site Transfer Line 3150. HFO replied it was still in progress and when complete, HFO would share the report with Ecology.
- Ecology asked if Cold-Spray Technology would be deployed in the DSTs as it was in the SSTs. HFO replied there were no plans to apply cold spray in the DSTs at present.

21.0 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 March 2026 Consent Decree Monthly Report.

For February 2026, HFO reported a net unfavorable schedule variance of approximately $9.2M or 23 percent ahead of schedule.

- The favorable current period schedule variance was primarily related to implementation of a baseline change to align research and technology modeling with a revised subcontractor plan. Also contributing to the favorable schedule variance was an unexpectedly mild winter which allowed for an acceleration of construction activities.
- As of February 2026, the schedule critical path to completion of HLW Facility specific 90 percent system design reviews improved by 1 month and is now approximately 7 months ahead of the deterministic completion date provided by Bechtel National, Inc. (BNI) in their November 2023 proposal for the design completion period.

For February 2026, HFO reported a net favorable cost variance of approximately $14M, primarily due to:

- Implementation of the baseline change for research and technology rheology and modeling work described in the SV discussion above.

- Delayed award of construction bulk material purchase orders and supply chain durations that were longer than anticipated. HFO added that BNI is working with commercial firms and vendors to improve supply chain issues.
- Fewer Project Services staff required to support multiple functional areas including quality assurance; environmental, safety, and health; and business management.

Issues/Other Items

- Ecology asked about the schedule for delivery of the HLW 90 percent design. HFO reported it expects to start having in-depth discussions with Ecology on the 90 percent design around September or October 2027.

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 hopes to share the draft study with DOE Headquarters late in the summer of 2026.

23.0 HIGH-LEVEL WASTE (HLW) FACILITY

Project Schedule and Cost Variance Performance

- See WTP Project, Section 21.0.

Significant Accomplishments during the Prior Month

- Completed the 90 percent system design review for the breathing service air system
- Issued the 90 percent system design review report for the BOF glass former baghouse
- facility
- Phase1B work completed early:
    - Completed concrete slab 4010 over the wet cell roof at an elevation of 58 feet
    - Completed concrete slab 4005N over the filter cave crane maintenance area
    - Set over-the-top HLW melter support handling system vertical shield doors HSH-DOOR-0006 and HSH-DOOR-0008 (two vertical shield doors have since been

added outside the reporting period). HFO reported that all over-the-top equipment placements are complete.
    - HFO added that Phase 1A of the HLW Facility design completion period ended March 31, 2026 and Phase 1B runs through FY 2028
- BNI submitted their proposal for the HLW Facility Phase 1B design completion period on March 27, 2026. HFO is now evaluating the proposal.

Ongoing Activities:
- All 15 HLW Facility 90 percent design reviews planned for HLW Facility Phase 1A design completion period were completed.
- Thirty-three over-the-top equipment items and eleven concrete placements were planned and completed for the Phase 1A design completion period ending March 31, 2026.
- Continued implementing DFLAW lessons learned and incorporating improvements to key design and project management processes. HFO estimated that approximately 1000 lessons learned had been incorporated into the HLW design.

Significant Planned Activities in the Next Month
- Place concrete slab 4008 over melter bay 2 at the 58-foot elevation
- Initiate update of the independent government cost estimate for Phase 1B of the HLW design completion period
- Complete the 90 percent system design review for the HLW filter cave handling system

Issues/Other Items
- Nothing reported.

24.0 LOW-ACTIVITY WASTE FACILITY

Project Schedule and Cost Variance Performance
- See WTP Project, Section 21.0.

Significant Accomplishments during the Prior Month
- Completed work to seal Melter 2 and Melter 1 discharge chamber in-leakage
- Operated Melter 2 processing over 16,914 gallons of waste feed. HFO noted issues with HEPA filter loading which were resolved at the time but still persist.
- Completed glass former reagent (GFR) GFR-2 system component and functional testing without glass forming chemicals
- Commenced GFR-2 system testing with dry glass forming chemicals
- Advanced permit modification that supports an efficient pathway for managing secondary waste generated from vitrification.

On-Going Activities
- Operate and maintain LAW melters to produce immobilized LAW glass of acceptable Quality.
- Continued activities to support the phased upgrade of the LAW glass former system. Testing the powder glass former modifications that will initially apply to the Melter 2 feed vessels.

Significant Planned Activities in the Next Month

- Operate Melter 1
- Continue processing immobilized LAW glass of acceptable quality. HFO added an update to note that 66 containers have been shipped to IDF to date.
- Continue activities to support the phased upgrade of the LAW GFR system.

Issues/Other Items

- HFO reported it expects to achieve 100,000 gallons of waste vitrified on May 16 or 17, 2026.
- HFO reported it expects to take the first shipment of glass former powder May 15, 2026 which will greatly increase waste loading.
- Ecology asked if the dry glass former power should help the HEPA filter loading issue. HFO reported that it is expecting significant improvement in the performance of the HEPA filters.

25.0 BALANCE OF FACILITIES

Project Schedule and Cost Variance Performance

- See WTP Project, Section 21.0.

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 21.0.

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
  - RPP-9937 Requirements Reporting Dashboard
  - Questions
- Waste Treatment and Immobilization Plant (10:15 a.m. – 11:00 a.m.)

222-S Laboratory Tri-Party Agreement Project Manager Meeting

Reporting Period

March 1, 2026, to April 30, 2026

U.S. Department of Energy, Hanford Field Office

U.S. DEPARTMENT of ENERGY | Office of Environmental Management

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 April 26, 2026, Hanford Laboratory Management and Integration, LLC delivered the following project reports on time or early:
  - 36 of 36 (100 percent) high-level radioactive samples
  - 145 of 150 (97 percent) low-activity samples

Laboratory Reports Delivered

- 271-T and 277-T Outdoor Storage Area Soil Project
- Tank 241-AZ-102 corrosion susceptibility assessment
- Central Waste Complex Outdoor Storage Area Soil Project
- Waste Management Area S-SX (Core D0640)

Significant Accomplishments

- Repaired roof on the east side of 222-S Laboratory
- Replaced 222-S ventilation system exhaust fan 3 and air handler unit 3 electric motors
- Sample receipts:
  - Received soil samples from 277-T and Central Waste Complex Storage Areas
  - Received evaporator feed grab samples (EC-16) from Tank 241-AW-102
  - Received post-retrieval solids grab samples from Tank 241-A-101
  - Received grab samples from Tank 241-AP-101
  - Received S-SX Tank Farm vadose samples

Significant Planned Activities

- Receive and analyze samples from:
  - Tank 241-AP-104 direct feed low-activity waste grab sample
  - Tank 241-AP-102 core sample
  - Tank 241-AP-106 tank-side cesium removal direct feed low-activity waste grab sample
  - Tank 241-SY-102 grab sample
  - Tank 241-A-102 post-retrieval solids grab sample
- Complete renovation of Room 4K
- Initiate Room 1GA/GC renovation
- Initiate Laboratory Operations Center construction
- Replace below grade sanitary water lines feeding 222-S and support buildings

Fiscal Year 2026 Equipment Upgrades

Analytical Instrument	Status
Inductively coupled plasma – atomic emission spectrometer	Received and Q3 installation
Liquid scintillation counter	Received and Q3 installation
Volatile organic acid purge and trap	Complete
Gas chromatograph – mass spectrometer/thermal desorption unit	Received and Q3 installation
Total organic carbon analyzer	Procured and Q4 installation
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
March 2026	381	374	98.2%
April 2026	4	4	100%
Total (FY 2026)	489	481	**98.4%**

FY = fiscal year.

- Hold time performance

Holding Times								
	FY 2021 Final	FY 2022 Final	FY 2023 Final	FY 2024 Final	FY 2025 Final	March	APRIL	**FY 2026 YTD**
Times Met	90.5%	95.4%	97.5%	96.6%	98.6%	100.0%	99.0%	**99.8%**

FY = fiscal year.
YTD = year to date.

Accreditations

- American Industrial Hygiene Association accreditation effective through July 1, 2026
  - Hosted American Industrial Hygiene Association audit March 10, 2026, through March 12, 2026
  - Expect new accreditation letter with a 2027 expiration
- Washington State Department of Ecology accreditation effective through November 21, 2026
  - Calendar year 2026 onsite Washington State Department of Ecology audit scheduled for June 9 and June 10

Technical Support Division Status

- Waste shipped

Waste Type	Containers Shipped (March 1, 2026, to April 30, 2026)	Receiving Facility
Low-level waste	2 RO/ROs	ERDF
Nonregulated	3 RO/ROs	ERDF
Mixed and low-level mixed	1 RO/RO and 4 Drums, 12 Drums	ERDF PFNW
Hazardous	2 Drums	PFFL
Universal/recycle	2 Drums and 5 Fiberboard boxes	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 shipped

219-S Tanks	Inventory (gal)	Max Volume (gal)
TK-101	842	3600
TK-102	1523	3600
TK-104	226	1710

Container Unit	Inventory (units)
Room 4E	7 drums, 21 containers
Room 2B	10 drums
Dangerous mixed waste storage area	77 drums, 14 containers
T8 Alcove	(fixed)

Questions?

HFO/Ecology TPA and CD Agreements, Issues, and Action Items – May 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 – May 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-April 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 – May 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-April 2026 – No change in status.		
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. February-April 2026 – No change in status.	Ecology	Open
4	TF-26-04-01 09 April 2026	HFO asked Ecology on the status of completing reviews	D0640 meeting minutes were resent to Ecology by HFO on 04/03/26; initially sent	Ecology	Open

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

#	Action ID Start Date	Action	Updates / Needs for Closure	Actionee(s)	Status/ Date Closed
		and signature/approval of WMA S-SX RFI/CMS Sample Depth Selection Meeting Minutes for boreholes D0640, D0646, D0652, D0644, and D0650.	on 01/20/26. D0646, D0652, D0644, D0650 were sent to Ecology on 04/03/26. Once Ecology completes their review, the meeting minutes will be updated as needed and provided for signature.		
5	TF-26-04-02 09 April 2026	HFO asked for a status on when Ecology will provide redline comments on the draft *RPP-RPT-61684, Maintenance and Performance Monitoring Plan for the Interim Surface Barriers Program, Rev. 7*, and draft TPA change control form for modifying the M-045-92 milestone series.	Drafts were provided to Ecology on 03/25/26.	Ecology	Open

HFO/Ecology TPA and CD Agreements, Issues, and Action Items – May 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.	03/13/25 – HFO targeted providing a briefing to Ecology sometime in May 2025. 04/10/25 – No change in status. 05/08/25 – HFO is working on a briefing for Ecology and projected giving the briefing on or around May 30, 2025. 06/12/25 – HFO reported the Tank Waste Operations (TWO) 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. July-November 2025 – No change in status. 12/11/25 – HFO projected being able to provide the briefing to Ecology in or around March 2026. January-March 2026 – No change in status. 04/09/26 – HFO reported having discussions with TWO team that is working on the WTV about timing for providing information to	HFO	Open

			Ecology about the WTV/HLW interface and was told it may be a year or two before enough detail would be known to shard. Ecology responded it did not prefer to wait that long and asked if any conceptual information could be shared sooner. HFO replied it would ask the TWO team if that would be possible.		

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	April 2026	HNF-EP-0182	458	Waste Tank Summary Report for Month Ending February 28, 2026	Supporting doucmentation.	AR-39896	14-May-26	
N/A	ECY	ECY	April 2026	RPP-RPT-60915	2	Direct Feed Low Activity Waste Feed Transfer Line Flushing Evaluation	Requested by ECY in a comment on a permit mod	AR-39924	14-May-26	
N/A	Other	ECY	April 2026	RPP-ASMT-67372	N/A	Tank Integrity Expert Panel June 2025 Meeting Outcomes	ECY requested this document	AR-39991	14-May-26	
M-045-106	Other	ECY/DOE	April 2026	RPP-CALC-67280	0	Groundwater Protection Evaluation due to Installation of Infiltration Barrier over WMA A-AX Vadose Soil	To support the WMA A-AX Corrective Measures Study (M-045-106, Part 2)	AR-40167	14-May-26	
M-045-122	Other	ECY/DOE	April 2026	RPP-6029	0	244-CR Vault Interim Stabilization Project Plan	To support Tier 3 Closure Activity Plan for WMA C 244-CR Vault (M-045-122)	AR-40183	14-May-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
NA	TPA-CN- 1157	RPP-PLAN-65977	0	"Phase 2 RCRA Facility Investigation/Corrective Measures Study Work Plan for Waste Management Area S-SX"	See attached pages 5-8, 5-9 and D-27 for strikeouts of temperature requirements and See attached pages 5-8, 5-9 and D-27 for strikeouts of temperature requirements and addition of the word "and" in two places (5-8 and D-27) to correct sentences.	None	Completed	3/27/2026	3/30/2026	4/1/2026	AR-39922	Approved
NA	TPA-CN- 1158	RPP-PLAN-65977	0	"Phase 2 RCRA Facility Investigation/Corrective Measures Study Work Plan for Waste Management Area U"	See attached pages 5-6, 5-7 and D-22 for strikeouts of temperature requirements and Addition of the word "and" in two places (5-7 and D-22) to correct sentences.	None	Completed	3/27/2026	3/30/2026	4/1/2026	AR-39923	Approved

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

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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.
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.

THE HANFORD SITE

RPP-9937 Requirement Reporting Dashboard

January 2026 – March 2026

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

Tanks Currently Exceeding Specification Limits

Sections 3.3.1 and 7.1

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

Tank	SL/ILL? Upper/Lower?	First Date of Exceedance	Status
241-BY-103	ILL/L	2/2/2026	Investigating cause
241-SX-105	ILL/L	2/10/2026	Redistribution from LOW install
241-TX-114	ILL/L	1/24/2026	Investigating cause
241-TX-115	ILL/L	1/21/2026	Investigating cause
241-U-110	ILL/L	3/5/2026	Investigating cause

ILL = interstitial liquid level.
LOW = Liquid Observation Well.
SL = surface level.

As baseline change authorizations are implemented or tank levels return within specification limits, they will be removed from this list.

Required Valid Reading Missed

Section 3.3.1

Tank 241-SX-112 (Calendar year 2025 quarters 3 and 4)

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

Extended Outages and Device Repair/Replacement

Section 6.2

Tank 244-BX DCRT: TOC-ENV-NOT-2025-4774, *244-BX-DCRT Missed Quarterly Level Reading*, manual tape jam was fixed and a valid reading was obtained for quarter 1 of calendar year 2026.

Baseline Change Authorizations Implemented

Section 7.1

Tank	SL or ILL?	Justification
241-T-201	SL	Known intrusion

ILL = interstitial liquid level.
SL = surface level.

This list reflects all baseline change authorizations implemented within the reporting quarter.

Newly Identified Intrusions

Section 4.1.1

None.

Declaration of Leaks to the Environment None.

Section 4.1.2

Tanks Level Returned within Specification Limits

Tank	SL/ILL? Upper/Lower?	Justification
241-TY-105	ILL	Subsequent data within specification limits

ILL = interstitial liquid level.
SL = surface level.

Section 3.3.1

DOE Tank Waste Operations/Waste Treatment and Immobilization Plant
Tri-Party Agreement Monthly Project Manager Meeting
May 14, 2026

ATTENDEES

Ricky Bang, DOE-TWO
Becky Blackwell, DOE-TWO
Jeff Cheadle, DOE-TWO
Mat Irwin, DOE-WTP
Kallen Kidder, DOE-TWO
Dawn MacDonald, DOE-TWO
Chantal Martin, DOE-TWO
Emily Millikin, DOE-TWO
Ben Piepenbring, DOE-TWO
Will Ruane, DOE-TWO
Bibek Tamang, DOE-TWO
Kris Thomas, DOE-WTP
Craig Whiteley, DOE-WTP
Andy Wiborg, DOE-TWO
Katie Wong, DOE-TWO
Holly Bowers, H2C
Maria Lopez, H2C
Katie Roberts, H2C
Jay Warwick, H2C
Cynthia Bounds, HMIS
Stephanie Brasher, HMIS
Michael Turner, HMIS
Debra Alexander, Ecology
Cole Caldwell, Ecology
Ambika Chakravartty, Ecology
Doug D'Hondt, Ecology
Cathrene Glick, Ecology
Amie Green, Ecology
Moises Guevara, Ecology
Luissa Johnston, Ecology
Jeff Loa, Ecology
Jeff Marusich, Ecology
Dan McDonald, Ecology
Joy Morris, Ecology
Steve Needles, Ecology
Beth Rochette, Ecology
Michelle Mullin, EPA
Matt Hendrickson, State of Oregon