

***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***

October 9, 2025



DOE-HFO TWO/WTP Tri-Party Agreement/Consent Decree
Monthly Project Managers Meeting Minutes
October 9, 2025

CONCURRENCE SIGNATURES


In accordance with the Tri-Party Agreement Section 4.1, Project Manager Role, any agreements and commitments resulting from the meeting will be prepared and signed by all parties as soon as possible after the meeting. The undersigned indicate by their signatures that these meeting minutes reflect the actual discussion during this meeting. Signatures denote concurrence with the agreements and commitments resulting from this meeting and do not imply agreement with statements made during this meeting. Attachments to these meeting minutes are provided for informational purposes only.

 Digitally signed by
RICKY BANG
Date: 2025.10.28
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Andy Wiborg, Project Manager
U.S. Department of Energy, Hanford Field Office
Tank Waste Operations

 Digitally signed by THOMAS
TEYNOR
Date: 2025.10.30 11:06:14 -07'00'

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

 Digitally signed by
amgr461@ecy.wa.gov
Date: 2025.11.24
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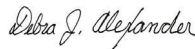
Amie Green, Project Manager
Washington State Department of Ecology

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Dan McDonald, Project Manager
Washington State Department of Ecology

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Ambika Chakravartty, Project Manager
Washington State Department of Ecology

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Debra Alexander, Project Manager
Washington State Department of Ecology

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Acronyms and Abbreviations

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

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1.0 ADMINISTRATIVE ITEMS/MILESTONE STATUS/ACTIONS

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

Upcoming Meetings

The next DOE-HFO TWO/WTP Tri-Party Agreement (TPA)/Consent Decree (CD) Monthly Project Managers Meeting is November 13, 2025. The next TPA/CD TWO/WTP Quarterly Milestone Review Meeting is December 11, 2025.

Recent Items Added to the Hanford Administrative Record (AR)

The Office of River Protection Tri-Party Agreement (TPA) and Consent Decree (CD) Monthly Reports for the period of August 1 – August 31, 2025, were entered into the Hanford AR on July 30, 2025. The meeting minutes from the September 11, 2025 TPA/CD TWO/WTP Quarterly Milestone Review Meeting were added to the Hanford AR on October 6, 2025.

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

Tri-Party Agreement Milestone Status

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

DOE-HFO provided the following updates: Milestone M-045-102, Submit to Ecology a Performance Assessment Maintenance Plan for the WMA A/AX PA, was completed on September 8, 2025 and Milestone M-045-91E6, Provide SST Farms Dome Deflection Surveys Every 2 Years to Ecology, due September 30, 2025, was completed on September 18, 2025.

DOE-HFO also noted that Milestone M-062-46, Negotiate Tank Waste Retrieval Sequencing and Milestones, was completed on September 16, 2025. Finally, DOE-HFO reported that Milestone M-045-92AI, Submit Yearly Reports Summarizing the Results of Maintenance and Performance Monitoring Activities, due October 31, 2025 was completed on August 19, 2025.

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

Tri-Party Agreement Issues and Action Items and Key Documents

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

Emergent Issues (Past 3 Months):

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

Actions:

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Action No. 1 (TF-24-05-01): TPA Milestones M-042-03 and M-042-04 call for activating cross-site transfer lines SLN-3150 by December 31, 2030, and SLL-3160 by December 31, 2036. Ecology requested a briefing on several aspects of DOE-HFO's plans to meet those dates. DOE-HFO is still in the planning process for developing schedules and details for meeting those milestones and will share those details with Ecology when those details are developed. There was no change in status DOE-HFO, did however, report that it was hoping to provide the briefing in December 2025 or January 2026. *This action remains open.*

Action No. 2 (TF-25-7-01): Ecology requested a discussion on the status of a draft TPA change control form, drafted by Ecology and shared with DOE-HFO on February 25, 2025, which proposes milestones for the design and construction of the remaining interim surface barriers for Waste Management Areas S/SX, BX/BY, and A/AX. DOE-HFO committed to scheduling a meeting with Ecology to discuss the draft TPA change control form. There was no update in status. *The action remains open.*

Action No. 3 (TF-25-08-01): DOE-HFO requests Ecology determine what is needed prior to Ecology making a decision on the applicability of Landfill Closure for the remaining Waste Management Areas, and report to DOE-HFO when and how that will occur. Ecology reported it continues to meet on this topic internally, also that it is still pursuing certification of the practicability document that determined that that clean closure is impractical. Ecology added that this action may not be closed until the RCRA Rev. 9 permit is issued. *The action remains open.*

Action No. 4 (TF-25-08-02): DOE-HFO requests Ecology discuss with the Washington State Attorney General's Office and Ecology management if there are any inconsistencies between the Washington Administrative Code and the *Central Plateau Inner Area Cleanup Principles and Parameters* (DOE/RL-2019-46, Rev. 0) – which was approved to by the Parties on Octboer 28, 2020 and added to TPA Action Plan Appendix F – and provide them to DOE-HFO. There was no change in status. *The action remains open.*

Key Documents List and Status of Current TPA Change Notices:

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

2.0 AGREED ORDER STATUS

*NOTE: On August 25, 2022, the State of Washington Department of Ecology Administrative Order, Agreed Order Docket No. 21304, Agreed Order Between Ecology and the DOE-HFO, regarding Single-Shell Tanks 241-B-109 (B-109) and 241-T-111 (T-111) was signed (reference [AR-21249](#)). On November 20, 2024, an Addendum to Agreed Order Docket No. 21304 (reference [AR-32535](#)) was added to include Tank 241-T-101 (T-101).

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

- Agreed Order #A-022-09, Complete construction of interim barrier at T-Farm. DOE-HFO noted a day-for-day slip from the original due date for completing this requirement began

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on March 12, 2025. Due date will be set upon Ecology approval of the T-Farm interim barrier design.

- Agreed Order #A-022-10, Complete construction of interim barrier at B-Farm. DOE-HFO noted a day-for-day slip from the original due date for completing this requirement began on June 10, 2025. Due date will be set upon Ecology approval of the B-Farm interim barrier design.
- Agreed Order #A-022-13, If applicable, submit Leak Detection and Monitoring Technology Evaluation Work Plan, due, TBD. (Note: Leak Detection and Monitoring Technology Evaluation was submitted by DOE-HFO on August 8, 2024.) DOE-HFO asked Ecology if it had extended its review period on the Leak Detection and Monitoring Technology Evaluation document. Ecology confirmed that it had extended its review to November 13, 2025.

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

3.0 222-S LABORATORY

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

Significant Past Accomplishments

- Completed Room 4C renovations. DOE-HFO added that the renovations are a significant improvement for the laboratory.

Significant Planned Activities

- Nothing reported.

Issues/Other Items

- Nothing reported.

4.0 SYSTEM PLAN

Significant Past Accomplishments

- Milestone M-062-46, Negotiate Tank Waste Retrieval Sequencing and Milestones, due September 30, 2025, was completed on September 16, 2025.

Significant Planned Actions in the Next Six Months.

- Nothing reported.

Issues/Other Items

- Nothing reported.

5.0 ACQUISITION OF NEW FACILITIES

Significant Past Accomplishments

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- Nothing reported.

Significant Planned Actions in the Next Six Months

- Nothing reported.

Issues/Other Items

- Nothing reported.

6.0 ALTERNATIVE TREATMENT FOR 200 WEST AREA

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Nothing reported.

Issues/Other Items:

- Ecology asked if DOE-HFO was on schedule to meet Milestone M-062-64, Make Alternative Selection for Facilities/Infrastructure for Off-Site Disposal of Low-Activity Waste, due December 31, 2025, and what DOE-HFO's plans were for involving Ecology. DOE-HFO responded it was on schedule to meet the milestone, and it would discuss with Ecology what the department plans to transmit.

7.0 SUPPLEMENTAL TREATMENT AND RCRA PART B PERMIT APPLICATIONS

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Nothing reported.

Issues/Other Items

- Nothing reported.

8.0 LOW ACTIVITY WASTE PRETREATMENT SYSTEM (LAWPS)

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Nothing reported.

Issues/Other Items

- Nothing reported.

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9.0 TANK-SIDE CESIUM REMOVAL SYSTEM (TSCR)

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Nothing reported

Issues/Other Items

- Nothing reported.

10.0 TEST BED INITIATIVE (TBI) DEMONSTRATION

Significant Past Accomplishments

- The TBI in-tank equipment was removed from Tank SY-101 and the shield plug was installed on June 24, 2025. DOE-HFO added that the ion-exchange column was placed for storage at the TSCR Storage Pad on September 3, 2025 and the last piece of the in-tank equipment was disposed of on September 11, 2025.

Significant Planned Actions in the Next Six Months

- Submit closure certification report to Ecology. DOE-HFO anticipates sending the report in November 2025.
- Submit TBI final report to Ecology.

Issues/Other Items

- Nothing reported.

11.0 242-A EVAPORATOR STATUS

Significant Past Accomplishments

- Completed the 242-A Evaporator Campaign EC-14.
- DOE added an update to report that Evaporator Campaign EC-15 was completed on September 18, 2025, with a reduction of approximately 165,000 gallons of tank waste.

Significant Planned Actions in the Next Six Months

- Nothing reported.

Issues/Other Items

- DOE-HFO added that in addition to the liquid tank waste reduction achieved by the 242-A Evaporator, more double-shell tank space has been gained or will be gained by transfers to the Waste Treatment Plant from Tank AP-106 and the restart of TSCR reprocessing in November 2025, which create space in Tank AP-107, In addition, a transfer from Tank AP-101 to Tank AP-102, should result in approximately 900,000 gallons of double-shell tank capacity gained.

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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

- Nothing reported.

Projects

- Nothing reported.

LERF Volumes

- See pg. 16 of the August 2025 TPA Monthly Report for a full listing.

Issues/Other Items

- Nothing reported.

13.0 TANK SYSTEM UPDATE

13.1 Double-Shell Tank Integrity

Significant Past Accomplishments

- Completed double-shell tank ultrasonic testing at Tanks AN-105, AN-106, and AW-103. The completed testing included a guided wave ultrasonic probe at AN-105, which will allow for more of the tank sidewall to be inspected than current methods.

Significant Planned Actions in the Next Six Months

- Nothing reported.

Ultrasonic Testing Report Status

- Nothing reported.

Issues/Other Items

- Nothing reported.

13.2 Single-Shell Tank Integrity

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Significant Past Accomplishments

- Milestone M-045-91E6, Provide SST18 Farms Dome Deflection Surveys Every 2 Years to Ecology, due September 30, 2025 was completed on September 18, 2025.

Significant Planned Actions in the Next Six Months

- Nothing reported.

RPP-9937 Rev. 5 Updates

- Nothing reported.

Issues/Other Items

- Nothing reported.

14.0 INDEPENDENT QUALIFIED REGISTERED PROFESSIONAL ENGINEER (IQRPE) ACTIVITIES

- Nothing reported.

15.0 IN-TANK CHARACTERIZATION AND SUMMARY

15.1 Reports Completed or Released

- Nothing reported.

15.2 Tank Sampling

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Six Months

- Nothing reported.

Issues/Other Items

- Nothing reported.

15.3 Best-Basis Inventory Updates

Significant Past Accomplishments

- Nothing reported.

Significant Planned Actions in the Next Month

- Nothing reported.

Issues/Other Items

- Nothing reported.

16.0 SINGLE-SHELL TANK CLOSURE PROGRAM

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Significant Past Accomplishments

- Milestone M-045-102, Submit to Ecology a Performance Assessment Maintenance Plan for the WMA A-AX Performance Assessment, due September 30, 2025, was completed on September 8, 2025.
- Milestone M-045-92AI, Submit Yearly Reports Summarizing the Results of Maintenance and Performance Monitoring Activities, due October 31, 2025, was completed on August 19, 2025.
- Completed the second data quality objectives (DQO) workshop for the WMA B-BX-BY Phase 2 RCRA facility investigation/corrective measures study work plan with Ecology on August 12, 2025.

Significant Planned Activities in the Next Six Months

- Ecology complete review of the Phase 2 RCRA facility investigation/corrective measures study work plan for WMA U by September 12, 2025, in accordance with Ecology’s second comment period extension. DOE-HFO added that Ecology has since extended a third time, until October 30, 2025. Ecology replied it expects to have comments to DOE-HFO by October 30, 2025.
- Ecology complete review of the Phase 2 RCRA facility investigation report for WMA A-AX by September 12, 2025, in accordance with Ecology’s second comment period extension. DOE-HFO added that Ecology has since extended a third time, until October 30, 2025. Ecology replied it expects to have comments to DOE-HFO by October 30, 2025.

Issues/Other Items

- Nothing reported.

17.0 SINGLE-SHELL TANK RETRIEVAL PROGRAM

Significant Past Accomplishments

- Nothing reported.
- 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.
- Also refer to the Consent Decree portion of these meeting minutes (“Single Shell Tank Retrieval Program”, Section 20.0) for additional information.

Issues/Other Items

- Nothing reported.

18.0 TANK OPERATIONS PROJECT SCHEDULE AND COST VARIANCE PERFORMANCE

Base Operations:

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The July 2025 variances below do not impact TPA milestones.

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

- The month showed an unfavorable schedule variance of approximately \$4.1M, primarily due to TSCR ion exchange column procurement schedule delays.
- The current month showed an unfavorable cost variance of \$2.61M, primarily due to Tank A-101 retrieval operations, production operations support services, East Area tank farms, and production operations central shift office labor costs. Also contributing was Effluent Treatment Facility testing and commissioning subcontract costs.

Waste Feed Delivery/Treatment:

The July 2025 variances below do not impact TPA milestones.

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

- The month showed a favorable schedule variance of \$1.7M, primarily due to WTP Acquisitions Low-Activity Waste Melter Assembly, Storage, and Transportation Phase II delays.
- The month showed an unfavorable cost variance of \$247,600.

Treat Waste:

The July 2025 variances below do not impact TPA milestones.

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

- The month showed an unfavorable schedule variance of \$126,000.
- The month showed an unfavorable cost variance of \$155,100.

Issues/Other Items

- Nothing reported.

19.0 CONSENT DECREE MILESTONES/ADMINISTRATIVE ACTIONS

Consent Decree Milestones

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

See pages 3-5 of the DOE-HFO August 2025 Consent Decree Monthly Report for a complete listing of Consent Decree milestones.

Consent Decree Issues and Action Items

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

Emergent Issues:

There are no current emergent issues.

Action Items:

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Action No. 1 (WTP-25-01-01): Ecology requested a briefing on the technical interface between the Waste Transfer Vault and the High-Level Waste (HLW) Facility and the schedule for when the vault will begin to support the HLW Facility. There was no change in status – briefing pending. *The action remains open.*

20.0 SINGLE-SHELL TANK RETRIEVAL PROGRAM

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

- DOE-HFO reported an unfavorable schedule variance of approximately \$2.1M, primarily due to field activities for the infrastructure installation of Tank A-106 planned for the current month but completed ahead of schedule in prior months and S Tank Farm equipment removal schedule delay.
- DOE-HFO reported an unfavorable cost variance of approximately \$876,600, primarily due to greater than planned labor costs for A-101 retrievals.
- Neither of the above variances affect Consent Decree milestones.

Significant Accomplishments during the Prior Month

Completed Accomplishments

- Nothing reported.

On-Going Activities

- Continued Tank A-101 retrieval operations. The total waste volume retrieved as September 17, 2025 was approximately 97 percent.
- Preparations continue for the resumption of retrieval of Tank A-102, which is projected for the end of October or early November 2025.

Significant Planned Activities in the Next Month

- Nothing reported.

Issues/Other Items

- Nothing reported.

21.0 TANK WASTE RETRIEVAL WORK PLAN STATUS

Significant Accomplishments during the Prior Month

- Nothing reported.

Significant Planned Activities in the Next Month

- Nothing reported.

Issues/Other Items

- Nothing reported.

22.0 WASTE TREATMENT AND IMMOBILIZATION PLANT (WTP) PROJECT

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Project Schedule and Cost Variance Performance

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

For July 2025, DOE-HFO reported an unfavorable schedule variance of approximately \$3.3M.

- Schedule performance for the HLW Facility was 9 percent behind schedule.
- Performance was affected by engineering delays associated with process engineering dynamic operation research model development, and research and testing associated with direct-feed rheology are taking more time to complete due to modeling complexity. DOE-HFO added that the test results are favorable, just taking longer than expected.
- Construction showed a slight unfavorable schedule variance due to a subcontractor driven safety standdown associated with field applied fireproofing. A corrective action plan was developed which allowed releasing the standdown and a return to on-site activities during July 2025.
- Through July 2025, the critical path to completion of HLW Facility-specific 90 percent system design reviews remained approximately four months ahead of the deterministic completion date provided by Bechtel National, Inc. in its November 2023 proposal for the design completion period.

For July 2025, DOE-HFO reported a net favorable cost variance of approximately \$69,590.

DOE-HFO added the variance was very minimal – less than 1%.

- July 2025 cost performance on the HLW Facility was a favorable \$3.4 million. The majority of the favorable variance is associated with construction due to lower-than-expected material cost and better than expected unit rates for concrete slab embed installation and concrete placement. In addition, fewer staff resources were required for management-related support associated with HLW Facility plant-wide services.
- Offsetting the above favorable variance was an unfavorable cost variance for Project Services of \$3.4 million, due to time-dependent costs for DFLAW being incurred later than baseline completion.

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

For the July 2025 reporting period, LBL/DFLAW reported an EAC increase of approximately \$13.7M, due to:

- A \$9.1 million increase associated with a Critical Path schedule extension from October 18, 2025, to October 28, 2025.
- Also contributing to the variance was a \$2.6 million overall increase associated with incorporation of glass former reagent subcontract support, standby power during extended loss of offsite power update and other minor variance trends recognized in the period and a \$2M increase associated with continued review and adjustment to existing subcontractor accruals based on higher-than-expected cost.

Issues/Other Items

- Nothing reported.

23.0 PRETREATMENT FACILITY

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Project Schedule and Cost Variance Performance

- Nothing reported.

Significant Accomplishments during the Prior Month

- Nothing reported.

Ongoing Activities:

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

Significant Planned Activities in the Next Month

- Nothing reported.

Issues/Other Items

- Ecology asked if there were any updates on the release of the Pretreatment Facility Reutilization Study. DOE-HFO replied that the study remains paused.

24.0 HIGH-LEVEL WASTE (HLW) FACILITY

Project Schedule and Cost Variance Performance

- See WTP Section 22.0.

Significant Accomplishments during the Prior Month

- DOE-HFO approved the HLW Facility Safety Design Strategy, Rev.2.
- Completed 90 percent system design review for the radioactive liquid waste disposal system.
- Completed over-the-top HLW Filter Cave Handling System material handling lifting beam stand in the cast loading area.
- Completed over-the-top HLW Melter Cave Support Handling System tank.
- Supported construction, testing, operations, and maintenance review for the design changes to the chiller/compressor building.
- Completed confirmatory construction, testing, operations, and maintenance reviews for the HLW Canister Pour Handling System and HLW Steam Systems – high pressure steam, low pressure steam and steam condensate systems to ensure design review actions were incorporated into the design. DOE-HFO added that designers continue to use real-time information to add to design, prior to construction.

Ongoing Activities:

- Continued to perform nuclear safety hazard analysis work for the balance of HLW Facility process and utility systems.
- Continued implementing DFLAW lessons learned and incorporating improvements to key design and project management processes.
- Continued to review procured and stored material to determine fit for use due to potential obsolescence, aging, and alignment with HLW Facility design. DOE-HFO added that it is

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encountering roughly 20 to 25% material failure due to aging and obsolescence. That material will eventually be replaced.

- Continued to support system specific commissioning, testing, operations, and maintenance reviews to support design progression.
- Continued installation of formwork, rebar, and steel framing for concrete slab placements to support building enclosure.
- DOE-HFO is continuing to work with DOE-HFO Tank Waste Operations and contractor Hanford Tank Waste Operations and Closure (H2C) to evaluate high-level waste flow sheet and waste feed vector requirements.

Significant Planned Activities in the Next Month

- Complete 90 percent system design review for the HLW Facility steam systems – high pressure steam, low pressure steam, and steam condensate systems.
- Complete 90 percent system design review for the chilled water system.
- DOE-HFO added an update to note both of the above design reviews were completed in September 2025.

Issues/Other Items

- DOE-HFO reported that it plans to accelerate 90% design reviews for calendar year 2025 and has two more concrete pours planned for the remainder of calendar year 2025.

25.0 LOW-ACTIVITY WASTE FACILITY

Project Schedule and Cost Variance Performance

- See WTP Section 22.0.

Significant Accomplishments during the Prior Month

- Implementation of the DFLAW Startup Plan and work off of prerequisites to hot commissioning – included were obtaining the Radiological Air Permit, Air License, and completing the Environmental Performance Demonstration Test.
- DOE-HFO reported that the Environmental Performance Demonstration Test was revised to reflect single melter operations.
- Received first delivery of pre-blend slurry of water and powdered glass-forming chemicals that will be mixed with actual tank waste before being fed into the melter.
- Received 2,200 gallons of sodium hydroxide to use as a simulant feed for LAW melter testing.
- Received Critical Decision 4A approval from DOE-Headquarters.
- Shifted funding from capital project to operations.

On-Going Activities

- Shakedown period testing of the Environmental Performance Demonstration Test for Melter 2 as required by the Dangerous Waste Permit for the WTP. DOE-HFO provided an update to note that the Environmental Performance Demonstration Test was completed October 4, 2025.
- Place glass-formers in Melter 1.

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

Significant Planned Activities in the Next Month

- Initiate LAW Facility Hot Commissioning by October 15, 2025 (as required by the Consent Decree (State of Washington v. Wright, ECF No. 277)).

Issues/Other Items

- DOE-HFO provided an update to note that as of October 8, 2025, the Low Activity Waste Facility received more than 12,600 gallons of pretreated tank waste from Tank AP-106.
- Ecology asked how many immobilized waste canisters DOE-HFO foresaw producing during the initial LAW Facility production cycle. DOE-HFO replied it was hoping to produce two canisters a day and between 10 and 15 total.

26.0 BALANCE OF FACILITIES

Project Schedule and Cost Variance Performance

- See WTP Section 22.0.

Significant Accomplishments during the Prior Month

- Nothing reported.

On-going Activities:

- Nothing reported.

Significant Planned Activities in the Next Month

- Nothing reported.

Issues/Other Items

- Nothing reported.

27.0 ANALYTICAL LABORATORY

Project Schedule and Cost Variance Performance

- See WTP Section 22.0.

Significant Accomplishments during the Prior Month

- Nothing reported.

Ongoing Activities:

- Nothing reported.

Significant Planned Activities in the Next Month

- Nothing reported.

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

Ricky Bang

Deputy Assistant Manager, Tank Waste Operations

U.S. Department of Energy, Hanford Field Office

October 9, 2025



U.S. DEPARTMENT
of **ENERGY**

Office of Environmental
Management

Hanford Field Office

Agenda

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



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

Agreements:

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

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

(Updated information in [blue](#))

Emergent Issues (Past 3 months):

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

TANK FARMS OPERATIONS ACTION ITEMS

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

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

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

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

#	Action ID Start Date	Action	Updates / Needs for Closure	Actionee(s)	Status/ Date Closed
			April – September 2025 – No change in status.		
2	TF-25-07-01 10 Jul 2025	Ecology would like to discuss the status of a draft TPA change control form drafted by Ecology and shared with DOE-HFO on 02/25/25, which proposes a schedule for design and construction of interim surface barriers for Tank Farms S/SX, BX/BY, and A/AX.	07/10/25 – DOE-HFO committed to scheduling a meeting with Ecology to discuss the draft TPA change control form. August – September 2025 – No change in status.	DOE-HFO	Open
3	TF-25-08-01 14 Aug 2025	DOE-HFO requests Ecology determine what is needed prior to Ecology making a decision on the applicability of Landfill Closure for the remaining Waste Management Areas, and report to DOE-HFO when and how that will occur.	09/11/25 – Ecology’s Legal department is reviewing and will then meet with Ecology project staff on September 12 or 13, 2025.	Ecology	Open
4	TF-25-08-02 14 Aug 2025	DOE-HFO requests Ecology discuss with Ecology management if there are any inconsistencies between the Washington Administrative Code and the <i>Central Plateau Inner Area Cleanup Principles and Parameters</i> (DOE-/RL-2019-46 Rev.0) – which was	09/11/25 – Ecology reported it is not likely that a decision will be made on this issue until after the Hanford Sitewide Permit Rev. 9 is issued.	Ecology	Open

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

#	Action ID Start Date	Action	Updates / Needs for Closure	Actionee(s)	Status/ Date Closed
		agreed to by the Parties and added to the Tri-Party Agreement Appendix F on 10/28/20 (<u>AR-04246</u>) – and provide them to DOE-HFO.			

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

WASTE TREATMENT PLANT ACTION ITEMS

#	Action ID Start Date	Action	Updates / Needs for Closure	Actionee(s)	Status/ Date Closed
1	WTP-25-01-01 13 Mar. 2025	Ecology would like a briefing on the technical interface between the Waste Transfer Vault (WTV) and the High-Level Waste (HLW) Facility and the schedule for when the vault will begin to support the HLW Facility.	<p>03/13/25 – DOE-HFO targeted providing a briefing to Ecology sometime in May 2025.</p> <p>04/10/25 – No change in status.</p> <p>05/08/25 – DOE-HFO is working on a briefing for Ecology and projected giving the briefing on or around May 30, 2025.</p> <p>06/12/25 – DOE-HFO reported the Tank Waste Operations and Waste Treatment Plant Projects, and their respective contractors continue working together on design and interface of the WTV and HLW. The briefing to Ecology is still pending.</p> <p>July – September 2025 – No change in status.</p>	DOE-HFO	Open

Documents Submitted to the Administrative Record (AR)

Other	Primary, Secondary, or Other	Requesting Agency	Request Date	Document Number	Revision	Title	Comment	AR Link or AR Accession No.	PMM Request Date	PMM Approved /Disapproved
N/A	Other	ECY/DOE	September 2025	HNF-EP-0182	451	Waste Tank Summary Report for Month Ending July 31. 2025	Supporting documentation	AR-36723	9-Oct-25	
M-045-106	Other	ECY/DOE	September 2025	RPP-ENV-64037 Vol 2	0	Waste Management Area A-AX Performance Assessment for Closure: Volume 2 - Analysis of Past Leaks	support the WMA A-AX Phase 2 Corrective Measures Study, Milestone M-045-106 Part 2	AR-36956	9-Oct-25	
M-045-118	Other	ECY/DOE	September 2025	RPP-RPT-65500	0	Waste Management Area S-SX Closure Conceptual Design Report	to support the WMA S-SX Integration Study, Milestone M-045-118	AR-36939	9-Oct-25	

TPA Change Notices

Milestone	CN No.	Document Number	Revision	Document Title	Description of Change	Comment	CN Status	CN Document Date	DOE CN Signature Date	ECY CN Signature Date	CN AR Link	CN Approved/ Disapproved/ Cancelled
None for Sept.												

**DOE Tank Waste Operations/Waste Treatment and Immobilization Plant
Tri-Party Agreement Monthly Project Manager Meeting
October 9, 2025**

ATTENDEES

Ricky Bang, DOE-TWO
Becky Blackwell, DOE-TWO
Jeff Cheadle, DOE-TWO
Bill Clarno, DOE-WTP
Mat Irwin, DOE-WTP
Kallen Kidder, DOE-
Dawn MacDonald, DOE-TWO
Chantal Martin, DOE-TWO
Bibek Tamang, DOE-TWO
Tom Teynor, DOE-WTP
Katherine Wong, DOE-TWO
Holly Bowers, H2C
Marc Leavitt, H2C
Katie Roberts, H2C
Jay Warwick, H2C
Bailey Hardy, HLMI
Eric Van Mason, HLMI

Cynthia Bounds, HMIS
Stephanie Brasher, HMIS
Michael Turner, HMIS
Debra Alexander, Ecology
Cole Caldwell, Ecology
Ambika Chakravartty, Ecology
Cathrene Glick, Ecology
Amie Green, Ecology
Doug D'Hondt, Ecology
Jeff Loa, Ecology
Dan McDonald, Ecology
Steve Needles, Ecology
George Peck, Ecology
Beth Rochette, Ecology
Jonathan Rogers, Ecology
Benjamin Leake, EPA
Matt Hendrickson, State of Oregon