

## Meeting Minutes

### RPP-9937 Annual Meeting

**Meeting Date:** April 15, 2025

**Location:** 2505 Garlick Ave. CR#1130 & TEAMs

#### **Meeting Attendees:**

##### Conference Room 1130

Gordon (Jay) Warwick (H2C)  
Holly Bowers (H2C)  
James Hamilton (H2C)  
Maria Lopez (H2C)  
Nicholas Kirch (H2C)  
Erik Nelson (DOE)

Robert (Sean) Scott (H2C)  
Benjamin Piepenbring (H2C)  
Jeremy Belsher (H2C)  
Rose Russell (H2C)  
Cathrene Glick (Ecology)

##### TEAMs

Anders Wiborg (DOE)  
Jeffrey Loa (Ecology)  
George Peck (Ecology)  
Amie Green (Ecology)  
Marissa Merker (Ecology)

Jonathan Rogers (Ecology)  
Beth Rochette (Ecology)  
Jackson Davis (Ecology)  
Joy Morris (Ecology)  
Eric Pierce (Ecology)

#### **Summary of Meeting Discussion:**

##### Safety Topic

Maria Lopez discussed on the topic of needing to practice defensive driving due to several instance where people are speeding and weaving through traffic. Be aware of your surroundings and drive safe.

##### RPP-9937 Annual Meeting Presentation:

Representatives from the U.S. Department of Energy (DOE), Hanford Field Office (HFO), as well as prime contractor Hanford Tank Waste Operations & Closure (H2C), and the State of Washington, Department of Ecology (Ecology) participated in the meeting.

- Maria Lopez led the introductions and Jeremy Belsher presented information on the status update of the Single-Shell Tanks (SST) and Miscellaneous Underground Storage Tanks (MUST). Below is a brief synopsis of key material presented on each slide.
  - Leak Assessments / Tank Status Changes

- Slide provided information on the 241-T-101 leak assessment report and 241-TX-101 and 241-TX-302B newly identified intrusions.
    - No further questions or discussion.
- Drainable Interstitial liquid (DIL) changes
  - RPP-RPT-60305 Rev. 03 released Jan 11, 2022, and is still current, no changes or updates.
  - No questions or discussion.
- Instrumentation
  - 241-SX-112 changed from a LOW to an Enraf.
  - Extended instrumentation maintenance outage for 241-EW-151-CT Manual Tape will be upgraded to an ENRAF.
  - No questions or discussion.
- Baseline Change Authorizations (BCA)
  - Table with Tanks and Justification was viewed.
  - Beth Rochette asked which tank have been salt well pumped recently?
    - Jeremy Belsher commented that there hasn't been a recent tank pumped but most tanks have been salt well pumped in the past.
    - Nick Kirch commented that interim stabilization was completed on the SSTs about 20 years ago.
    - Ben Piepenbring also added the interstitial liquid was redistributing within the solid waste, after interim stabilization.
    - No further questions or discussion.
- Single-Shell Tank (SST) Visual Inspections
  - Table with tank and dates for visual inspections was viewed.
  - It was noted that 241-A-101 had an inspection before retrieval and during.
  - Also, 241-SX-108, 241-SX-111, and 241-SX-112 are spalling tanks and inspections are completed every six months.
  - No questions or discussion.
- Proposed RPP-9937 Changes
  - 241-EW-151-CT, propose to change Table A-3, MUST monitoring devices, from Manual Tape to an ENRAF.

- 241-AX-101 completed retrieval operations. The monitoring equipment will change from quarterly LOW to a 10-year video by removing tank from Table A-2 and adding it to Table A-1.
- No questions or discussion.
- Ecology Requested Discussion Items
  - Ecology had no requested discussion items.

#### Questions/Discussion

1. Beth Rochette – Could you provide a status on the BY-108 leaking tank?
  - a. Erik Nelson – DOE is currently still working on the 241-BY-108 presentation and will also include 241-TX-101 & 241-TX-302B in that presentation. Once presentation is finalized DOE will present and provide it to ECY.
  - b. Ecology didn't have any further comments or questions.
2. Cathrene Glick – Were there monitoring changes?
  - a. Ben Piepenbring – No, just the two mentioned on slides 9 and 10.
  - b. Cathrene Glick – Will this be Rev 5E or Rev 6? Will there be a formal letter and 45-day review?
  - c. Holly Bowers – Yes, it would be Rev 5E. Ecology will receive a TPA Change Notice to review and approve the changes since the changes are minor. A formal letter and 45-day review-approval is only required for major or substantive changes.
  - d. Ecology didn't have any further comments or questions.

Meeting ended at 3:23 p.m.

#### Action Items

None

#### Attachments

1. RPP-9937 Annual Meeting Presentation

**ANDERS WIBORG** Digitally signed by ANDERS  
WIBORG  
Date: 2025.06.05 15:54:19 -07'00'

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DOE Project Manager (print) DOE Project Manager (signature) Date



Digitally signed by Rochette, Beth (ECY)  
Date: 2025.06.12 17:59:31 -07'00'

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Ecology Project Manager (print) Ecology Project Manager (signature) Date

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 (or their delegates' signature) 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.



# THE HANFORD SITE

## **RPP-9937 Annual Meeting** Reporting Period 4/1/2024 – 3/31/2025

Holly Bowers  
Jeremy Belsher

Approved for Public Release;  
Further Dissemination Unlimited  
*April 15, 2025*

- Leak Assessments / Tank Status Changes
- Drainable Interstitial Liquid (DIL) Changes
- Instrumentation
- Baseline Change Authorizations (BCA)
- Single-Shell Tank (SST) Visual Inspections
- Proposed RPP-9937 Changes

- 241-T-101 leak assessment RPP-RPT-65071 was released September 19, 2024.
  - Probabilistic assessment of in-tank and ex-tank data resulted in a 57% probability that the tank liner of tank 241-T-101 had leaked
  - Recommended changing the tank 241-T-101 integrity classification from “Sound” to “Assumed Leaker”
  - “Assumed Leaker” is defined as – “The integrity classification of a waste storage tank for which surveillance data indicated a loss of liquid to the environment attributed to a breach of integrity.”
  
- 241-TX-101 Newly identified intrusion
  - TOC-ENV-NOT-2024-4745
  
- 241-TX-302B Newly identified intrusion
  - TOC-ENV-NOT-2025-4754

- RPP-RPT-60305, *Single-Shell Tank Updated Drainable Interstitial Liquid Volumes – 2020*, Rev. 03 was released Jan 11, 2022
  - No changes

- SST primary monitoring device changes:
  - 241-SX-112 from a LOW to an Enraf (TPA-CN-1134)
- Extended instrumentation maintenance outages
  - 241-EW-151-CT Manual Tape (TOC-ENV-NOT-4721)
  - Upgrading from a Manual Tape to an Enraf

Justification	Quantity	Tanks
ILL, due to a feature or parameter change	1	241-BY-112
ILL, due to redistribution after saltwell pumping	7	241-BY-101, 241-S-109, 241-S-111, 241-TX-113, 241-TX-114, 241-TX-115, 241-TX-117
ILL, due to intrusion	2	241-U-102, 241-U-105
ILL, due to sub-surface waste shift	1	241-U-110
ILL, due to redistribution of LOW lancing	1	241-SX-105
Surface Level, due to being added as primary device	1	241-SX-112
Surface Level, due to intrusion	7	241-S-106, 241-T-201, 241-TX-101, 241-TX-302B, 241-TX-302C, 244-CR-001, 244-TX-DCRT
Surface Level, due to dissolving solid waste	1	241-TX-108
Surface Level, due to calibration	1	241-TX-104
Total	22	

# Single-Shell Tank (SST) Visual Inspections

SST Visual Inspections	
Tank	Date
241-A-101	6/13/2024, 8/12/2024
241-A-102	12/31/2024
241-A-103	1/9/2025
241-BY-105	2/4/2025
241-BY-106	2/3/2025
241-BY-109	1/28/2025
241-BY-110	1/21/2025
241-S-109	4/24/2024
241-SX-108	5/9/2024, 11/7/2024
241-SX-111	5/8/2024, 11/5/2024
241-SX-112	5/6/2024, 11/6/2024
241-TX-108	3/26/2025
241-TY-102	3/20/2025
241-TY-103	3/18/2025
241-TY-105	3/13/2025
241-U-111	5/16/2024

## Proposed RPP-9937 Changes

- 241-EW-151-CT
  - Change Table A-3 MUST Monitoring Devices, from Manual Tape to Enraf

**Table A-3. MUST Monitoring Devices.**

Tank Number	Monitoring Device	Data Collection Frequency
240-S-302	Enraf	Quarterly
241-A-302-A	Enraf	Quarterly
241-ER-311	Enraf	Quarterly
241-S-304	Enraf	Quarterly
241-TX-302-B	Enraf	Quarterly
241-TX-302C	Enraf	Quarterly
241-U-301-B	Enraf	Quarterly
241-UX-302A	Enraf	Quarterly
244-CR-001	Enraf	Quarterly
244-CR-003	Enraf	Quarterly
244-TX-DCRT (Tank)	Enraf	Quarterly
241-A-302-B	Manual Tape	Quarterly
241-AX-152-CT	Manual Tape	Quarterly
241-EW-151-CT	<del>Manual Tape</del> Enraf	Quarterly
244-BX-DCRT (Tank)	Manual Tape	Quarterly
241-A-350	Weight Factor	Quarterly

# THE HANFORD SITE | Monitoring requirements

- 241-AX-101
  - Change from quarterly LOW to 10-year video
  - Tank will be deleted from Table A-2 and added to Table A-1

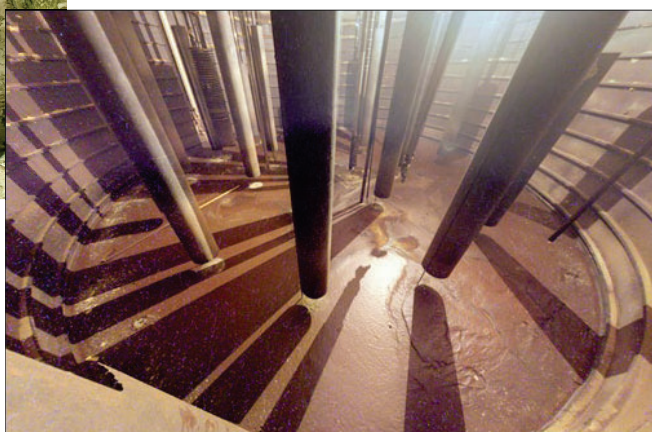


Table A-1. Monitoring Post Retrieval Tanks.

Tank	Monitoring Device	Data Collection Frequency
<u>241-AX-101</u>	<u>Post Retrieval: Video</u>	<u>Once every 10 years</u>
241-AX-102	Post Retrieval: Video	Once every 10 years.
241-AX-103	Post Retrieval: Video	Once every 10 years.
241-AX-104	Post Retrieval: Video	Once every 10 years.

Table A-2. Tank Monitoring Devices.

Tank	Monitoring Device	Data Collection Frequency
241-A-101	LOW	Quarterly
241-A-102	Enraf	Quarterly
241-A-103	Enraf	Quarterly
241-A-104	Enraf	Quarterly
241-A-105	Enraf	Quarterly
241-A-106	LOW	Quarterly
<u>241-AX-101</u>	<u>LOW</u>	<u>Quarterly</u>
241-B-101	LOW	Quarterly
241-B-102	Enraf	Quarterly

## Questions?