

Solid Waste Operations Complex and M-091 Milestone Project Managers Meeting Minutes, April 24, 2025

Prepared for the U.S. Department of Energy
Assistant Secretary for Environmental Management

Contractor for the U.S. Department of Energy
under Contract 89303320DEM000030



**P.O. Box 1464
Richland, Washington 99352**

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S. Shore

Central Plateau Cleanup Company LLC (CPCCo)

Date Published
April 2025

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 **CPCCo**
Central Plateau
Cleanup Company
P.O. Box 1464
Richland, Washington 99352

APPROVED
By Heather Moyer at 2:12 pm, May 07, 2025

Release Approval

Date

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Meeting Minutes Transmittal

SOLID WASTE OPERATIONS COMPLEX AND M-091 MILESTONE
PROJECT MANAGERS MEETING MINUTES

Via Teleconference
Richland, Washington

April 24, 2025

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.

Amber Igoe

Digitally signed by Amber Igoe
Date: 2025.05.06 13:47:46
-07'00'

Date: _____

Project Manager Representative, Hanford Field Office



Digitally signed by Alexander,
Debra (ECY)
Date: 2025.05.06 11:39:09 -07'00'

Date: _____

Project Manager Representative, Ecology

cc: Administrative Record

SOLID WASTE OPERATIONS COMPLEX AND M-091 MILESTONE PROJECT MANAGERS MEETING MINUTES

Via Teleconference
Richland, Washington

April 24, 2025

Call to Order: Jill Thomson (CPCCo) opened the meeting with a roll call (see attendance roster).

1. Status Report – SWOC Operations Report
 - a. Dr. Morgan Matson, Ph.D., (CPCCo) reviewed the status report. Please see the attached report for the full details.
2. Status of Previous Agreements and Commitments
 - a. There were no previous agreements and commitments to discuss.
3. New Agreements and Commitments
 - a. There were no new agreements and commitments for this meeting.

4. Near Term Schedules and Ongoing Activities

- a. Agreed Order

Ms. Thomson stated this topic was covered under agenda item No. 1.

- b. RCRA Rev. 8C Updates

- i. 2013 CAFO and 2014 non-CAFO Closure Plans (221-T Railroad Cut, 221-T Sand Filter Pad, 211-T pad, 271-T Cage, 277-T Outside Storage Area, 277-T Building, 2401-W Waste Storage Building)

Ms. Thomson reported on the following:

The CPCCo statistician will begin analysis of the 221-T Railroad Cut soon. For the 221-T Sand Filter Pad, the Washington State Department of Ecology (Ecology) is developing the letter to support the site's removal from the RCRA permit.

221-T Sand Filter Pad letter: Ingrid Colton (HFO/GSSC) asked Debra Alexander (Ecology) about a letter regarding the 221-T Sand Filter Pad. Ms. Alexander stated she will follow-up on the letter with Stacie Sexton (HFO) and provide status.

- c. RCRA Rev. 9 Permit

- i. SWOC Part B Application

Closure Plans: All review comment records (RCRs) for the 2706-T Asphalt Pad, 214-T Building, 2706-T and TA Buildings, 211-T Cage, 2706-T Yard, 221-T BY Storage Area, 2706-T and TA Outdoor Storage Areas (OSA),

243-T Covered Storage Pad, Low-Level Burial Grounds (LLBG) Trenches 31 and 34 Waste Storage Pads, and LLBG Trenches 31 and 34 closure plans have been closed. These 10 plans have been submitted to sitewide mods for freezing on April 14, 2025.

The Central Waste Complex (CWC) Low Flashpoint Storage Modules and East OSA were sent back to Ecology on April 18, 2025. CWC D-10 was sent to Ecology April 8, 2025. LLBG Trench 94 was sent to Ecology April 16, 2025.

Contingency Plan: Contingency plans for the CWC and for the Waste Receiving and Processing Facility have been drafted to be consistent with RCRs, cleared, and prepared for CPCCo and HFO signatures.

ii. LLBG Green Islands

Ecology presented draft Permit Conditions and the permit fact sheet/statement of basis for Green Islands at the April 20, 2025, Solid Waste Operations Complex meeting. Ecology was asked to further evaluate the groundwater monitoring permit conditions prior to transmitting the draft(s) for permittee consideration.

iii. 2013 CAFO (221-T R5 Waste Storage Area, CWC OSA-A and B) and 2014 non-CAFO Closure Plans (221-T Tank System, 2706-TB Tank System, 221-T Pipe Gallery, D-10 OSA)

2706-TB Tank System was sent to Ecology April 16, 2025.

CWC OSA-A was sent to Ecology via letter 25-ECD-0035, *Submittal of Supplemental Information to Support the Next Steps for Completion of the C3-SWOC-2017-01 Class 3 Permit Modification of the Hanford Facility Resource Conservation and Recovery Act Permit, Revision 8C, for the Central Waste Complex-Waste Receiving and Processing Facility Outside Storage Area-A Closure Plan*, dated March 20, 2025. OSA-B was sent to sitewide mods for freezing on April 14, 2025.

d. Tri-Party Agreement (TPA) M-091 Milestone Series

There are no status updates.

5. Approved Changes Signed Off in Accordance with TPA Section 12.2

a. There were no approved changes signed off in accordance with the TPA Section 12.2.

6. General Discussion

a. Ms. Colton provided an update on the M-091 Transuranic Program. Onboarding is in process for the Central Characterization Project Manager, two Nondestructive Assay Operators, Real Time Radiography Operators, and a Flammable Gas Operator. Procedures are being reviewed, verified and validated. Ms. Alexander requested a walkdown during the dry runs. Ms. Colton will set that up.

7. Actions - See Actions Table
8. Documents Submitted to the Administrative Record
 - a. The February 27, 2025, Solid Waste Operations Complex (SWOC) and M-091 Milestone Project Managers Meeting (PMM) minutes were submitted to the Administrative Record (AR) on March 19, 2025 (reference AR-34122).
9. The next PMM is scheduled for June 26, 2025

**SOLID WASTE OPERATIONS COMPLEX AND M-091 MILESTONE
PROJECT MANAGERS MEETING MINUTES**

ACTIONS TABLE

Item	Description	Open / Closed	Date	Status
1. SWOC Units	Dr. Matson (CPCCo) will prepare the operations report on the off months the PMMs are not held and will also send the report to Ecology. The report will be attached to the following month's PMM minutes.	Open	12/8/2017	Action established - ongoing. The off-month report for March 2025 was sent to Ecology on March 27, 2025.
2. T Plant CAFO	The U.S. Department of Energy, Hanford Field Operations (HFO) will respond to Ecology's 12/14/2020 email requesting a review of Ecology's letter to determine which units are to be identified as authorized dangerous waste management units at T Plant.	Open	2/25/21	Action Established
		Open	4/22/21	HFO is continuing to develop its response to Ecology's 12/14/20 email.
		Open	6/24/21	Ecology is planning to issue a letter identifying which units are authorized dangerous waste management units and a briefing on the letter will be provided to CPCCo/HFO. CPCCo/HFO will provide Ecology a list of attendees for the letter briefing.
		Open	8/26/21	CPCCo/HFO provided Ecology a list of attendees for the letter briefing on 6/28/21. Ecology will provide clarification during the letter briefing regarding which agency will be issuing the letter. Ecology may need additional information before the letter briefing.
		On Hold	10/28/21	Ms. Elsethagen (Ecology) put this action on hold due to lack of resources to follow up with request from Ecology's attorney.

Item	Description	Open / Closed	Date	Status
		On Hold	12/14/21	Mr. Holbrook (Ecology) stated there is an internal action to follow up with its letter.
		On Hold	2/24/22	No change in status
		On Hold	4/28/22	No change in status
		On Hold	6/23/22	No change in status
		On Hold	8/25/22	No change in status
		On Hold	10/27/22	No change in status. Ecology planning to send a draft response next week.
		On Hold	12/15/22	No change in status. Ecology still working on draft response.
		On Hold	2/23/23	No change in status
		On Hold	4/27/23	No change in status. Focus is currently on Rev. 9 activities
		On Hold	6/22/23	No change in status. Ecology still focusing on Rev. 9
		On Hold	8/24/23	No change in status. Ecology still focusing on Rev. 9
		On Hold	10/26/23	No change in status.
		On Hold	12/7/23	No change in status. Ecology focusing on Rev. 9
		On Hold	2/22/24	Mr. Holbrook (Ecology) reviewed the material and needs to get concurrence from Deb Alexander (Ecology).
		On Hold	4/25/24	No change in status.
		On Hold	6/27/24	No change in status.
		On Hold	8/22/24	No change in status.
		On Hold	10/24/24	No change in status.

Item	Description	Open / Closed	Date	Status
		On Hold	12/5/24	No change in status.
		On Hold	2/27/25	An update is expected March 2025.
		On Hold	4/24/25	On hold until Revision 9 documents are completed in May or June 2025.

RCRA-Regulated Inventory

Number of Containers/Tanks and Volume as of 4-17-2025

Facility	Month	Drum/Small Container ^(a)	Medium Container ^(b)	Large Container ^(c)	Total Volume
CWC	March	5623 (1399 m ³)	1057 (1868 m ³)	259 (2848 m ³)	6115 m ³
	April	5623 (1399 m ³)	1060 (1873 m ³)	258 (2788 m ³)	6060 m ³
T Plant	March	11 (2 m ³)	0 (0 m ³)	8 ^(d) (303 m ³)	305 m ^{3(d)}
	April	11 (2 m ³)	0 (0 m ³)	8 ^(d) (303 m ³)	305 m ^{3(d)}
WRAP	March	217 (49 m ³)	90 (162 m ³)	8 (186 m ³)	397 m ³
	April	217 (49 m ³)	90 (162 m ³)	8 (186 m ³)	397 m ³

Footnotes regarding volumes:

- a) 0.485 m³ (17.1 ft³) or less
- b) Greater than 0.485 m³ (17.1 ft³) & equal to or less than 1.812 m³ (64ft³) (Standard Waste Box)
- c) Greater than 1.812 m³
- d) Inventory is for containers excluding seven (7) large tanks at T-Plant with a volume of 3.623 m³

Dangerous Waste Package Inventory in CWC Outside Storage Areas

CWC DWMU ^[1]	1/24/2014	3/23/2025	4/17/2025		Notes/Comments in Inventory Change from Previous Month
	Number of Waste Containers in Storage	Number of Waste Containers in Storage	Number of Waste Containers in Storage	Volume of Waste Containers in Storage (m ³)	
Outside Storage Area A	173	11	8	375	TC278 shipped to PFNW on 3/24/25. 7510DMA15 and 7512DMA10 moved to East OSA on 4/14/25.
Outside Storage Area B	5	2	2	156	
D-10 Outside Storage Area	1	1	1	28	
East Outside Storage Area	0	13	15	721	
Shipping and Receiving Area	0	0	0	0	
Total =	179	27	26	1280 m³	

[1] DWMUs are based on those listed in the Agreed Order, Exhibit B.

Waste Disposition Performance

Facility	Status as of 4/17/2025
CWC	<p><u>CONTINUING</u></p> <ul style="list-style-type: none"> Performing waste storage and inspection activities. Conducting Fire Suppression System testing and inspections with HFD. Box cover deficiencies are being tracked and repaired in CY2025. (1 deficiency noted). Continue roll-up door preventative maintenance and repairs. Continue to receive PFNW TRU/M SWBs returns from repackaging of OSA A waste containers. Performing Non-Destructive Assay (NDA) for TRU/M containers in CWC waste storage areas. Completed 156 SWBs for the FY25 480 SWB campaign, 3 large boxes for the FY25 3 large box campaign, 9 drums for the FY25 35 drum campaign. Continuing floor repairs in CWC storage buildings pending resource availability and weather conditions.
LLBG	<p><u>CONTINUING</u></p> <ul style="list-style-type: none"> Continuing to perform inspection and maintenance activities in LLBGs. Continuing receipt of waste shipments from PFNW into MWT 31 and 34 for final disposal. Continuing leachate collection & removal system operations at MWT 31 & 34 and shipments to LERF/ETF.
WRAP	<p><u>CONTINUING</u></p> <ul style="list-style-type: none"> Continuing min-safe inspection and maintenance activities. Conducting Fire Suppression System testing & inspection with HFD.
T Plant	<p><u>CONTINUING</u></p> <ul style="list-style-type: none"> Continuing surveillance and maintenance activities.

RCRA-Regulated Inventory

Number of Containers/Tanks and Volume as of 3-23-2025

Facility	Month	Drum/Small Container ^(a)	Medium Container ^(b)	Large Container ^(c)	Total Volume
CWC	February	5622 (1396 m ³)	1052 (1859m ³)	260 (2859 m ³)	6114 m ³
	March	5623 (1399 m ³)	1057 (1868 m ³)	259 (2848 m ³)	6115 m ³
T Plant	February	11 (2 m ³)	0 (0 m ³)	8 ^(d) (303 m ³)	305 m ^{3(d)}
	March	11 (2 m ³)	0 (0 m ³)	8 ^(d) (303 m ³)	305 m ^{3(d)}
WRAP	February	217 (49 m ³)	90 (162 m ³)	8 (186 m ³)	397 m ³
	March	217 (49 m ³)	90 (162 m ³)	8 (186 m ³)	397 m ³

Footnotes regarding volumes:

- a) 0.485 m³ (17.1 ft³) or less
- b) Greater than 0.485 m³ (17.1 ft³) & equal to or less than 1.812 m³ (64ft³) (Standard Waste Box)
- c) Greater than 1.812 m³
- d) Inventory is for containers excluding seven (7) large tanks at T-Plant with a volume of 3.623 m³

Dangerous Waste Package Inventory in CWC Outside Storage Areas

CWC DWMU ^[1]	1/24/2014	2/20/2025	3/23/2025		Notes/Comments in Inventory Change from Previous Month
	Number of Waste Containers in Storage	Number of Waste Containers in Storage	Number of Waste Containers in Storage	Volume of Waste Containers in Storage (m ³)	
Outside Storage Area A	173	12	11	527	TC279 shipped to PFNW on 02/26/25.
Outside Storage Area B	5	2	2	156	
D-10 Outside Storage Area	1	1	1	28	
East Outside Storage Area	0	13	13	629	
Shipping and Receiving Area	0	0	0	0	
Total =	179	28	27	1340 m³	

[1] DWMUs are based on those listed in the Agreed Order, Exhibit B.

Waste Disposition Performance

Facility	Status as of 3/23/2025
CWC	<p><u>CONTINUING</u></p> <ul style="list-style-type: none"> • Performing waste storage and inspection activities. • Conducting Fire Suppression System testing and inspections with HFD. • Box cover deficiencies are being tracked and repaired in CY2025. (1 deficiency noted). • Continue roll-up door preventative maintenance and repairs. • Continue to receive PFNW TRU/M SWBs returns from repackaging of OSA A waste containers. • Performing Non-Destructive Assay (NDA) for TRU/M containers in CWC waste storage areas. Completed 143 SWBs for the FY25 480 SWB campaign, 3 large boxes for the FY25 10 large box campaign, 9 drums for the FY25 35 drum campaign. • Continuing floor repairs in CWC storage buildings pending resource availability and weather conditions.
LLBG	<p><u>CONTINUING</u></p> <ul style="list-style-type: none"> • Continuing to perform inspection and maintenance activities in LLBGs. • Continuing receipt of waste shipments from PFNW into MWT 31 and 34 for final disposal. • Continuing leachate collection & removal system operations at MWT 31 & 34 and shipments to LERF/ETF.
WRAP	<p><u>CONTINUING</u></p> <ul style="list-style-type: none"> • Continuing min-safe inspection and maintenance activities. • Conducting Fire Suppression System testing & inspection with HFD.
T Plant	<p><u>CONTINUING</u></p> <ul style="list-style-type: none"> • Continuing surveillance and maintenance activities.

M-091 PMM Status Summary

Milestone		Due Date(s)	Status Summary	Comments
M-091-00	Complete Treatment to LDR Standards for All RCRA MLLW & TRUM Waste	9/30/2050	On Schedule	
M-091-03AA	Submit Revision of TRUM Waste and MLLW PMP to Ecology	6/30/2033	On Schedule	
M-091-03S	Submit Revision of TRUM Waste and MLLW PMP to Ecology	6/30/2025	On Schedule	
M-091-47-T05	Certify or Treat 280 Cubic Meters of TRUM Waste and MLLW	9/30/2025	On Schedule	
M-091-48	Complete the Offsite Shipment of All TRUM Waste	9/30/2050	On Schedule	
M-091-49	Complete Retrieval and Designation of CH RSW in Burial Grounds 218-W-4B, 218-W-3A, and 218-E-12B	9/30/2039	On Schedule	
M-091-49B	Complete the Retrieval and Designation of RH RSW (includes the 200 Area Caissons)	9/30/2048	On Schedule	
M-091-54	Submit to Ecology, an Interim Response Action to Resume RSW Retrieval	9/30/2028	On schedule	
M-091-56	Submit PMR to Modify Permit to Include the Facility/Capability for CH Waste Containers	9/30/2026	On Schedule	
M-091-57	Initiate CH Certification Activities by Processing a TRUM Container	9/30/2026	On Schedule	
M-091-59	Remove All Mixed Waste Containers from Outside Storage Area A and B	9/30/2026	On Schedule	
M-091-60	Initiate Treatment to LDR Treatment Standards for MLLW and TRUM Waste	9/30/2028	On Schedule	
M-091-61	Complete Treatment to LDR Treatment Standards for CH Small Containers of MLLW and TRUM Waste	9/30/2040	On Schedule	
M-091-62	Complete Treatment to LDR Treatment Standards for CH Large Containers of TRUM Waste	9/30/2045	On Schedule	

**SOLID WASTE OPERATIONS COMPLEX AND M-091 MILESTONES
PROJECT MANAGERS MEETING
Via Teleconference
Richland, Washington**

APRIL 24, 2025

ATTENDANCE ROSTER

NAME	ORGANIZATION	ATTENDED Via Roll Call
1. Alexander, Debra	Ecology	✓
2. Barnes, Peter	Ecology	
3. Bounds, Cynthia	HMIS	✓
4. Brasher, Stephanie	HMIS	✓
5. Cathel, Bob	CPCCo	
6. Colton, Ingrid	HFO/GSSC	✓
7. Ebert, Kelly	HFO	
8. Igoe, Amber	HFO	✓
9. Matson, Morgan	CPCCo	✓
10. Michaelis, Carlie	CPCCo	
11. Morgan, Laura	Ecology	✓
12. Mortensen, Seana	Ecology	
13. O'Mara, Laura	CPCCo	
14. Pyles, Gary	HFO	
15. Shore, Sandy	CPCCo	
16. Soto, Edward	Ecology	✓
17. Temple, John	Ecology	
18. Thomson, Jill	CPCCo	✓
19. Turner, Michael	HMIS	✓
20. Vannah, Ben	HFO	
21. Warrington, Rebecca	CPCCo	✓
22.		
23.		
24.		
25.		

**SOLID WASTE OPERATIONS COMPLEX AND M-091 MILESTONE
PROJECT MANAGERS MEETING**

**April 24, 2025
9:30 A. M.**

TEAMS

Teams Call-In Number: 1-509-931-1284

Phone Conference ID: 980 268 958#

AGENDA

Call to Order:

1. Status Report - SWOC Operations Report
2. Status of Previous Agreements and Commitments
3. New Agreements and Commitments
4. Near Term Schedules and Ongoing Activities
 - a. Agreed Order
 - b. RCRA Rev. 8C Updates
 - i. 2013 CAFO and 2014 non-CAFO Closure Plans (221-T Railroad Cut, 221-T Sand Filter Pad, 211-T pad, 271-T Cage, 277-T Outside Storage Area, 277-T Building, 2401-W Waste Storage Building)
 - c. RCRA Rev. 9 Permit
 - i. SWOC Part B Application
 - ii. LLBG Green Islands
 - iii. 2013 CAFO (221-T R5 Waste Storage Area, CWC OSA-A and B) and 2014 non-CAFO Closure Plans (221-T Tank System, 2706-TB Tank System, 221-T Pipe Gallery, D-10 OSA)
 - d. Tri-Party Agreement (TPA) M-091 Milestone Series
5. Approved Changes Signed Off in Accordance with TPA Section 12.2
6. General Discussion
7. Actions - See Actions Table

**SOLID WASTE OPERATIONS COMPLEX AND M-091 MILESTONE
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8. Documents Submitted to the Administrative Record
 - a. The February 27, 2025, Solid Waste Operations Complex (SWOC) and M-091 Milestone Project Managers Meeting (PMM) minutes were submitted to the Administrative Record (AR) on March 19, 2025 (reference AR-34122).
9. The next PMM is scheduled for June 26, 2025

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		Open	6/24/21	Ecology is planning to issue a letter identifying which units are authorized dangerous waste management units and a briefing on the letter will be provided to CPCCo/HFO. CPCCo/HFO will provide Ecology a list of attendees for the letter briefing.
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		On Hold	10/28/21	Ms. Elsethagen (Ecology) put this action on hold due to lack of resources to follow up with request from Ecology's attorney.
		On Hold	12/14/21	Mr. Holbrook (Ecology) stated there is an internal action to follow up with its letter.
			2/24/22	No change in status
			4/28/22	No change in status
6/23/22	No change in status			
On Hold	8/25/22	No change in status		

**SOLID WASTE OPERATIONS COMPLEX AND M-091 MILESTONE
PROJECT MANAGERS MEETING, APRIL 24, 2025**

ACTIONS TABLE

Item	Description	Open / Closed	Date	Status
			10/27/22	No change in status. Ecology planning to send a draft response next week.
			12/15/22	No change in status. Ecology still working on draft response.
			2/23/23	No change in status
			4/27/23	No change in status. Focus is currently on Rev. 9 activities
			6/22/23	No change in status. Ecology still focusing on Rev. 9
			8/24/23	No change in status. Ecology still focusing on Rev. 9
			10/26/23	No change in status.
			12/7/23	No change in status. Ecology focusing on Rev. 9
			2/22/24	Mr. Holbrook (Ecology) reviewed the material and needs to get concurrence from Deb Alexander (Ecology).
			4/25/24	No change in status.
			6/27/24	No change in status.
			8/22/24	No change in status.
			10/24/24	No change in status.
			12/5/24	No change in status.
			2/27/25	An update is expected March 2025.