

M-091 Milestone Project Managers Meeting Minutes, October 26, 2023

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

M-091 Milestone Project Managers Meeting Minutes, October 26, 2023

S. Shore

Central Plateau Cleanup Company LLC (CPCCo)

Date Published

October 2023

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

APPROVED

By Sarah Harrison at 1:03 pm, Nov 21, 2023

Release Approval

Date

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Meeting Minutes Transmittal

**M-091 MILESTONE PROJECT MANAGERS MEETING MINUTES
Via Teleconference
Richland, Washington**

October 26, 2023

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.

**MARK
FRENCH**

Digitally signed by MARK
FRENCH
Date: 2023.11.15 09:51:34
-08'00'

Date: _____

Project Manager Representative, RL

Debra J. Alexander

Digitally signed by
Alexander, Debra (ECY)
Date: 2023.11.13 22:06:29
-08'00'

Date: _____

Project Manager Representative, Ecology

Administrative Record

**M-091 MILESTONE
PROJECT MANAGERS MEETING MINUTES
Via Teleconference
Richland, Washington**

October 26, 2023

I. Dr. Morgan Matson, Ph.D., (CPCCo) opened the meeting with a roll call (see attendance list). Dr. Matson stated that the August 24, 2023, M-091 Milestone Project Managers Meeting (PMM) minutes were submitted to the Administrative Record (AR) on September 26, 2023.

II. Status Report

Dr. Matson provided an update on the M-091 status summary table and noted that the following three milestones were documented as completed:

1. M-091-47-T03 via letter 23-PFD-0009, dated 9/14/2023
2. M-091-53D completed 7/24/2023, via letter 23-PFD-0012 dated 10/3/2023
3. M-091-53E completed 8/1/2023, via letter 23-PFD-0012 dated 10/3/2023

Dr. Matson referred to the Solid Waste Operations Complex Nondestructive Assay (NDA)/ Nondestructive Examination (NDE) table for the Super High-Efficiency Neutron Counter (SuperHENC), the High Energy Real Time Radiography (HERTR), and the Mobile ISOCS Large Container Counter (MILCC) and provided updates for each of the three systems (see handout). Dr. Matson stated that the SuperHENC is currently undergoing refurbishments and upgrades.

The contract for the engineering evaluation and drawing updates for the HERTR refurbishment was completed in September 2023, and the contract for the performance of system upgrades is in development.

The software management plan (SMP) is in development for the MILCC system to address software quality assurance on control and use of proprietary NDA software. Revisions to the SMP, the software grading checklist and operating procedure are still ongoing. Approval of these documents is necessary to complete the calibration verification and obtain authority to operate the MILCC system. A work package is being developed to build a blind standard test standard waste box for calibration verification.

III. Status of Previous Agreements and Commitments

A. There were no previous agreements and commitments to discuss.

IV. New Agreements and Commitments

A. There were no new agreements and commitments for discussion.

V. Near Term Schedules and Ongoing Activities (Milestones)

A. Dr. Matson noted that this topic was covered under agenda item No. II.

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

A. There were no changes signed in accordance with TPA Section 12.2.

VII. General Discussion

Edward Holbrook, Washington State Department of Ecology (Ecology) raised a topic for discussion regarding the renewal of the Waste Isolation Pilot Plant (WIPP) permit. Mr. Holbrook noted that renewal of the permit is currently under appeal. Mr. Holbrook stated that one of the new permit conditions in the WIPP permit requires the Department of Energy to work with stakeholders and generator storage sites for Transuranic (TRU) waste and TRU mixed waste establishing a legacy TRU waste disposal plan and defining legacy TRU and TRU mixed waste. Mr. Holbrook inquired about any discussions the U.S. Department of Energy, Richland Operations Office (RL) has had regarding the WIPP permit and whether any plans are being made to engage with Ecology after the effective date of the permit.

Ingrid Colton (DOE-RL/GSSC) responded that RL interfaces frequently with the Carlsbad Field Office and the on-site contractor. Ms. Colton noted that an annual TRU waste inventory report is submitted to Carlsbad to keep them apprised of the TRU waste currently in storage at Hanford, and assumptions of waste volumes that will be generated through Hanford's deactivation, decommissioning and remediation work. Ms. Colton added that during the last meeting with Carlsbad, it was noted that Hanford would have TRU waste in storage or would be generating TRU waste past the current permit end date. Ms. Colton stated that Carlsbad is in the process of forming a special committee to evaluate the long-term need for WIPP and Hanford will continue to work closely with Carlsbad to ensure Hanford's long-term needs are considered in these discussions.

Mr. Holbrook stated that Ecology would like to take part in those conversations, whether it's at the local level or with the special committee. Mr. Holbrook asked if the special committee will be reaching out to different generator storage sites.

Mr. Holbrook raised the question about whether there is sufficient space in Panel 12 for the significant amount of TRU mixed waste at Hanford and TRU mixed waste throughout the country that may be reserved for Panel 12. Mr. Holbrook requested an action item to address the question about Panel 12 and an action regarding the timing of engagement with Ecology on WIPP.

Ms. Colton agreed to take the actions and follow up with Ecology's questions regarding WIPP and Panel 12.

VIII. Actions

A. See Actions Table below – There were two new actions for Ms. Colton to follow up with Mr. Holbrook’s questions regarding WIPP and Panel 12.

IX. Documents for Submittal to the Administrative Record

A. There were no documents identified for submittal to the AR.

X. Next Project Managers Meeting

A. The December 2023 PMM is scheduled during the holidays, and an email will be sent out with dates to reschedule the PMM.

Actions Table
M-091 Milestone Project Managers Meeting

Milestone	Description	Open / Closed	Date	Status
1.	Ms. Colton will follow up with Mr. Holbrook's question regarding the renewal of the WIPP permit and when engagement with Ecology will occur.	Open	10/26/23	Action Established
2.	Ms. Colton will follow up with Mr. Holbrook's question regarding the space for TRU waste in WIPP's Panel 12.	Open	10/26/23	Action Established

M-091 PMM Status Summary – October 18th, 2023

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-091-03R	Submit Revision of TRUM Waste and MLLW PMP to Ecology	6/30/2024	On Schedule	
M-091-03S	Submit Revision of TRUM Waste and MLLW PMP to Ecology	6/30/2025	On Schedule	
M-091-03T	Submit Revision of TRUM Waste and MLLW PMP to Ecology	6/30/2026	On Schedule	
M-091-03U	Submit Revision of TRUM Waste and MLLW PMP to Ecology	6/30/2027	On Schedule	
M-091-03V	Submit Revision of TRUM Waste and MLLW PMP to Ecology	6/30/2028	On Schedule	
M-091-03W	Submit Revision of TRUM Waste and MLLW PMP to Ecology	6/30/2029	On Schedule	
M-091-03X	Submit Revision of TRUM Waste and MLLW PMP to Ecology	6/30/2030	On Schedule	
M-091-03Y	Submit Revision of TRUM Waste and MLLW PMP to Ecology	6/30/2031	On Schedule	
M-091-03Z	Submit Revision of TRUM Waste and MLLW PMP to Ecology	6/30/2032	On Schedule	

M-091 PMM Status Summary – October 18th, 2023

Milestone		Due Date(s)	Status Summary	Comments
M-091-47-T03	Certify or Treat 280 Cubic Meters of TRUM Waste and MLLW	09/30/2023	Completed	DOE letter 23-PFD-0009 dated 9/14/2023.
M-091-47-T04	Certify or Treat 280 Cubic Meters of TRUM Waste and MLLW & Submit CCF to Establish 2 Target Dates	09/30/2024	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)	09/30/2048	On Schedule	
M-091-53D	Remove 10 Additional Mixed Waste Containers from OSAA and/or OSA B	11/30/2024	Completed	DOE letter 23-PFD-0012 dated 10/03/2023, that documents completion of this milestone on 7/24/2023.
M-091-53E	Remove 10 Additional Mixed Waste Containers from OSAA and/or OSA B	11/30/2025	Completed	DOE letter 23-PFD-0012 dated 10/03/2023, that documents completion of this milestone on 8/01/2023.
M-091-54	Submit to Ecology, an Interim Response Action to Resume RSW Retrieval	9/30/2028	On schedule	
M-091-55	Submit to Ecology a 30% Conceptual Design Report for the Facility/Capability for CH Waste Containers	9/30/2024	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-091-58	Submit Engineering Study of the Impacts of Radiological Decay of all RH MLLW and RH TRUM Waste	9/30/2024	On Schedule	
M-091-59	Remove All Mixed Waste Containers from Outside Storage Area A and B	09/30/2026	On Schedule	
M-091-60	Initiate Treatment to LDR Treatment Standards for MLLW and TRUM Waste	9/30/2028	On Schedule	

M-091 PMM Status Summary – October 18th, 2023

Milestone		Due Date(s)	Status Summary	Comments
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	

SWOC Nondestructive Assay/Examination (NDA/NDE) Updates

System	Goal	Update
Super High Efficiency Neutron Counter (SuperHENC)	Refurbish and Upgrade	The contract to refurbish and upgrade the SuperHENC was awarded June 19, 2023. The trailer arrived at the off-site vendor facility on August 5, 2023. There the SuperHENC is undergoing refurbishments and upgrades, which includes building the gamma station cabinet while long lead equipment items are being procured/fabricated. Additionally, a cost estimate/change request was submitted to replace the summation module.
High Energy Real Time Radiography (HERTR)	Refurbish	A contract for the engineering evaluation and drawing updates for the HERTR refurbishment completed in September. The contract for the performance of system upgrades is in development. Efforts to procure software, information technology, and instrument control systems associated with the HERTR are ongoing.
Mobile ISOCS Large Container Counter (MILCC)	Procure, Test, and Calibrate	The MILCC gamma NDA system arrived in December 2022 and Site Acceptance Testing was completed in April 2023. Currently, the Software Management Plan (SMP) is in development to address software quality assurance on control and use of proprietary NDA software. Revisions to the SMP, software grading checklist, and operating procedure are ongoing. Approval of these documents is necessary to complete the calibration verification and obtain authority to operate the MILCC. A work package is being developed to build a blind standard test SWB for calibration verification.

M-091 MILESTONE PROJECT MANAGERS MEETING
Via Teleconference
Richland, Washington
October 26, 2023
ATTENDANCE ROSTER

NAME	ORGANIZATION	ATTENDED Via Roll Call
1. Alexander, Debra	Ecology	✓
2. Bounds, Cynthia	HMIS	✓
3. Brasher, Stephanie	HMIS	✓
4. Cathel, Bob	CPCCo	
5. Colton, Ingrid	DOE-RL/GSSC	✓
6. Ebert, Kelly	DOE/RL	
7. French, Mark	DOE/RL	
8. Higgins, Kathy	DOE/RL	
9. Holbrook, Edward	Ecology	✓
10. Howell, Theresa	Ecology	✓
11. Knox, Kathy	Recorder	✓
12. Matson, Morgan	CPCCo	✓
13. Morgan, Laura	Ecology	
14. Mortensen, Seana	Ecology	
15. Morter, Beth	CPCCo	
16. O'Mara, Laura	CPCCo	
17. Plager, Chris	CPCCo	✓
18. Pyles, Gary	DOE/RL	✓
19. Shore, Sandy	CPCCo	✓
20. Soto, Edward	Ecology	✓
21. Thomson, Jill	CPCCo	✓
22. Turner, Michael	HMIS	
23.		
24.		
25.		

M-091 MILESTONE PROJECT MANAGERS MEETING

**October 26, 2023
9:30 A. M.**

TEAMS

**Teams Call In Number: 1-509-931-1284
Phone Conference ID: 906 741 807#**

AGENDA

- I. The August 24, 2023, M-091 Milestone Project Managers Meeting minutes were submitted to the Administrative Record on September 26, 2023.
- II. Status Report
- III. Status of Previous Agreements and Commitments
- IV. New Agreements and Commitments
- V. Near Term Schedules and Ongoing Activities (Milestones)
- VI. Approved Changes Signed Off in Accordance with TPA Section 12.2
- VII. General Discussion
- VIII. Actions
 - A. There are no actions at this time
- IX. Documents for Submittal to the Administrative Record
- X. Next Project Managers Meeting
 - A. The December 2023 meeting date is to be determined

Actions Table
M-091 Milestone Project Managers Meeting

Milestone	Description	Open / Closed	Date	Status