

M-091 Milestone Project Managers Meeting Minutes, December 7, 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, December 7, 2023

S. Shore
Central Plateau Cleanup Company LLC (CPCCo)

Date Published
December 2023

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

APPROVED
By Sarah Harrison at 10:29 am, Jan 22, 2024

Release Approval

Date

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Meeting Minutes Transmittal

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

December 7, 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: 2024.01.12 08:33:21
-08'00'

Date: _____

Project Manager Representative, RL

Debra J. Alexander
Digitally signed by
Alexander, Debra (ECY)
Date: 2024.01.08 12:07:05
-08'00'

Date: _____

Project Manager Representative, Ecology

Administrative Record

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

December 7, 2023

- I. Dr. Morgan Matson, Ph.D., (CPCCo) opened the meeting with a roll call (see attendance list). Dr. Matson stated that the October 26, 2023 M-091 Milestone Project Managers Meeting (PMM) minutes were submitted to the Administrative Record (AR) on November 27, 2023.
- II. Status Report (see agenda attachments)

Beth Morter (CPCCo) reported that there were no updates to any of the M-091 milestones.

Ms. Morter proceeded with an update on 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).

SuperHENC: The SuperHENC is undergoing refurbishments and upgrades. Long-lead items such as the gamma detectors, programable logic controller, and summation board are on order and are expected in the next few months.

HERTR: The contract for the performance of system upgrades is in development. Efforts are under way to procure software, information technology, and instrument control systems associated with the HERTR.

MILCC: 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, the software grading checklist and operating procedure are ongoing. Approval of these documents, along with completion of the Independent Performance Assessment planned for fiscal year 2024, is needed to obtain authority to operate the MILCC.
- 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

Ingrid Colton (DOE-RL/GSSC) raised a topic for discussion regarding target Milestone M-091-47-T04, which is to treat or certify 280 cubic meters by September 30, 2024. Ms. Colton noted that at the completion of the milestone, two more target milestones are required to be proposed. The U.S. Department of Energy, Richland Operations office (RL) is considering proposing three more target milestones, and discussions with the Washington State Department of Ecology (Ecology) will be occurring next year. Debra Alexander (Ecology) expressed appreciation for the notification of upcoming discussions regarding M-091-47-T04.

Edward Holbrook (Ecology) asked for clarification regarding the three proposed target milestones, and if that means another three years for moving boxes from the Outside Storage Areas (OSA) A and B. Ms. Colton clarified that the three proposed target milestones are part of meeting the 280 cubic meters, and that the milestone for the OSA-A and B still stands.

Ms. Colton raised another topic for discussion regarding the milestone to move all the boxes out of the OSA. Ms. Colton stated that there are two boxes that were received from K Basins in 2009, and the plan is to move those two boxes to the North Outside Storage Area (NOSA). Ms. Colton noted that the boxes contain CERCLA waste and are not mixed waste. RL is in the process of obtaining a change notice to change the Removal Action Work Plan for K Basins to add the NOSA as a place to store the boxes.

VIII. Actions

- A. See Actions Table below – Dr. Matson stated that the first action from the last PMM regarding the question on the renewal of the Waste Isolation Pilot Plant (WIPP) permit should be closed. An email was sent from Ms. Colton to Ecology on November 27, 2023, in response to the action item. It was noted that a virtual meeting with WIPP has been scheduled. Mr. Holbrook stated that the virtual meeting is a good start to the conversation, but expressed some doubt about how far the virtual meeting will advance the parties' concerns. Ms. Colton concurred.

Dr. Matson noted that the second action should be closed via email from Ms. Colton to Ecology on November 27, 2023, regarding WIPP and Panel 12. Ms. Alexander agreed that both of these actions could be closed, and that the virtual meeting with WIPP is a good start to addressing questions regarding WIPP's commitment to reaching out to stakeholders and generating sites for transuranic mixed waste and the question on 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 next PMM is scheduled for February 22, 2024.

Actions Table
M-091 Milestone Project Managers Meeting

Milestone	Description	Open / Closed	Date	Status
1.	Ms. Colton (DOE-RL/GSSC) will follow up with Mr. Holbrook's (Ecology) question regarding the renewal of the WIPP permit and when engagement with Ecology will occur	Open	10/26/23	Action Established
		Closed	12/7/23	Virtual meeting scheduled with WIPP
2.	Ms. Colton (DOE-RL/GSSC) will follow up with Mr. Holbrook's (Ecology) question regarding the space for TRU waste in WIPP's Panel 12	Open	10/26/23	Action Established
		Closed	12/7/23	Virtual meeting scheduled with WIPP

M-091 PMM Status Summary – November 27th, 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 – November 27th, 2023

Milestone		Due Date(s)	Status Summary	Comments
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-091-54	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-091-61	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	

M-091 PMM Status Summary – November 27th, 2023

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. Long lead items like the gamma detectors, PLC, and summation board are on order and are expected in the next few months.
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 along with completion of the Independent Performance Assessment (IPA) planned for FY2024 is needed to obtain authority to operate (ATO) for the MILCC.

M-091 MILESTONE PROJECT MANAGERS MEETING
Via Teleconference
Richland, Washington
December 7, 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

**December 7, 2023
9:30 A. M.**

TEAMS

**Teams Call In Number: 1-509-931-1284
Phone Conference ID: 296 045 076#**

AGENDA

- I. The October 26, 2023, M-091 Milestone Project Managers Meeting minutes were submitted to the Administrative Record on November 27, 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. See Actions Table
- IX. Documents for Submittal to the Administrative Record
- X. Next Project Managers Meeting
 - A. The next PMM is scheduled for February 22, 2024

Actions Table
M-091 Milestone Project Managers Meeting

Milestone	Description	Open / Closed	Date	Status
1. N/A	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. N/A	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