

# M-091 Milestone Project Managers Meeting

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

Contractor for the U.S. Department of Energy  
under Contract DE-AC06-08RL14788

**CH2MHILL**  
Plateau Remediation Company

**P.O. Box 1600**  
**Richland, Washington 99352**

# M-091 Milestone Project Managers Meeting

S. Shore

CH2M HILL Plateau Remediation Company

Date Published  
June 2020

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Plateau Remediation Company  
P.O. Box 1600  
Richland, Washington 99352

**APPROVED**

*By Julia Raymer at 2:29 pm, Sep 02, 2020*

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Release Approval

Date

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**Meeting Minutes Transmittal**

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

**June 25, 2020**

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The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Project Managers Meeting. Signatures denote concurrence with the content only and are not intended to imply agreement to any commitments.

Mark S. French Digitally signed by Mark S. French  
Date: 2020.08.17 16:49:46 -0700

Project Manager Representative, RL

Date: \_\_\_\_\_

Project Manager Representative, Ecology

Date: \_\_\_\_\_

Administrative Record H6-08

**Meeting Minutes Transmittal**

**M-091 MILESTONE PROJECT MANAGERS MEETING  
Via Teleconference  
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**June 25, 2020**

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The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Project Managers Meeting. Signatures denote concurrence with the content only and are not intended to imply agreement to any commitments.

\_\_\_\_\_  
Project Manager Representative, RL



Digitally signed by Elsethagen, Kelly  
(ECY)

Date: 2020.07.27 11:28:12 -07'00'

\_\_\_\_\_  
Project Manager Representative, Ecology

Administrative Record H6-08

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

**June 25, 2020**

- I. Stephanie Johansen (CHPRC) convened the M-091 project managers meeting (PMM) via teleconference as the Hanford Site has been maintaining an essential mission critical operations posture due to the corona virus disease 2019 (COVID-19). Ms. Johansen initiated the meeting with a roll call (see attendance list), and she noted that the agenda and the operational report were sent out to the attendees before the PMM. Ms. Johansen stated that the February 27, 2020 PMM minutes had been circulated for review and were ready for signature when the Hanford Site entered mission critical operations and that hard copy signatures had not been obtained. Ms. Johansen stated that Gary Pyles (RL) had indicated that electronic approval of the PMM minutes would be acceptable. Ms. Johansen asked Kelly Elsethagen (Ecology) if she would agree to electronic approval of the PMM minutes. Ms. Elsethagen responded that electronic approval of the PMM minutes would be acceptable. Ms. Elsethagen added that Ecology's information technology team had set up a new email for sending and receiving documents for electronic approval, and that she would provide the information. Ms. Johansen stated that the February 27, 2020 PMM minutes would be sent out for electronic approval and then submitted to the Administrative Record (AR). Ms. Johansen noted that the April 23, 2020 PMM had been canceled due to the mission critical operations.
- II. Status Report
  - A. John Hultman (CHPRC) provided an update on the milestone status (see handout). Mr. Hultman noted that there were very few changes to the milestone status from February 2020 through June 22, 2020. The first change was associated with milestone M-091-47E/F in which the repacked volume had increased to 1,350.7 cubic meters as of June 22, 2020. The second change was associated with M-091-52-T01C, which was completed as of April 2, 2020 by removing all 20 of the mixed waste containers from Outside Storage Area A and B (OSA-A and B). Ms. Elsethagen acknowledged receipt of the letter confirming that all 20 waste containers had been removed from OSA-A and B.
- 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 established.
- V. Near Term Schedules and Ongoing Activities (Milestones)
  - A. Ms. Johansen noted that the milestone status was provided under agenda item II. Ms. Elsethagen indicated that the milestone negotiations for M-091 are to be reinitiated. Ingrid Colton (DOE-RL) stated that an Agreement in Principle (AIP) has been drafted and is in DOE-RL for signature. Ms. Colton added that the AIP will be sent to Ecology to reinitiate the formal negotiations, and a formal presentation is being prepared to propose the negotiated milestones to Ecology after July 4, 2020. Ms. Elsethagen asked if the draft AIP was sent to John Price (Ecology) to review before being signed by DOE-RL. Ms. Colton responded that she would follow up with Ms. Elsethagen's inquiry and provide a response. Ms. Colton noted that the AIP states that the milestone negotiations will be starting with Ecology, and

that there will be a day-for-day slip on three of the milestones while the parties go through the negotiations.

- VI. Approved Changes Signed Off in Accordance with TPA Section 12.2
  - A. There were no approved changes to discuss.
- VII. General Discussion
  - A. There were no topics raised for general discussion.
- VIII. Actions
  - A. There were no new action items identified.
- 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 was scheduled for August 27, 2020.

**Actions Table**  
**M-091 Milestone Project Managers Meeting**

<b>Item</b>	<b>Description</b>	<b>Open / Closed</b>	<b>Date</b>	<b>Status</b>

## M-091 PMM Status Summary –June 22, 2020

Milestone		Due Date(s)	Status Summary	Comments
M-091-00	Complete treatment TO LDR standards of MLLW and TRUM waste.	TBD	On schedule	• Dates to be established pursuant to M-091-44T.
M-091-03N	Submit annual revision of TRUM AND MLLW PMP to Ecology.	09/30/2020	On Schedule	2020 due date extended per Change Control Form M-91-20-01
M-091-44T	Submit a change request to establish a schedule for achieving the offsite shipment of all TRUM waste (in above ground storage as of June 30, 2009 and in retrievable storage)	9/30/2020	On Schedule	
M-091-47	Certify TRUM waste and Dispose MLLW		On schedule	
M-091-47D	Certify or treat 280 cubic meters of TRUM and mixed low level waste subsequent to completing certification or treatment of the volume required by M-091-74C and submit change request establishing the next two interim milestones (E&F)	9/30/2018	Complete as of 06-27-2019	• M-91-47D: 280 m <sup>3</sup> repacked as of 8/8/2017
M-091-47 E/F (interim)	Certify/Treat 280 m <sup>3</sup>	TBD	On Schedule	• M-091-47E/F: 1,350.7 m <sup>3</sup> repacked as of 06/22/2020 • M-091-47 E/F are in negotiations with TPA milestone
M-091-48	Complete offsite shipment of all TRUM waste ( in above ground storage as of June 30, 2009, and in retrievable storage)	9/30/2030	On Schedule	
M-091-49	Complete the retrieval and designation of RH RSW 09-30-2028 (includes the 200 are caissons) Complete retrieval and designation of CH RSW in burial grounds 218-W-4B, 218-W-3A, and 218-E-12B	9/30/2028	On Schedule	
M-091-49A	Submit a change request to establish a schedule for achieving the retrieval of RSW	9/30/2020	On Schedule	

M-091 PMM Status Summary –June 22, 2020

Milestone		Due Date(s)	Status Summary	Comments
M-091-52-T01B	Remove ten (10) additional mixed waste containers from Outside Storage Area A and/or Outside Storage Area B.	11/30/2019	Complete 1/17/2019	• Removed Ten mixed waste containers from Outside Storage Area A/B per letter 19-PFD-0005
M-091-52-T01C	Remove twenty (20) additional mixed waste containers from Outside Storage Area A and/or Outside Storage Area B Removal constitutes either: • Shipment of the container(s) to a TSDf for repack or disposal Relocating the container(s) to a storage area authorized by the Hanford Dangerous Waste permit condition 1.A, or a Temporary Authorization issues pursuant to WAC 173-303-830.	11/30/2020	Complete 4/2/2020	• All 20 mixed waste containers removed from Outside Storage Area A/B per milestone requirement.
M-091-52-T02	Submit to Ecology for review as a primary document, an Interim Response Action (IRA) to resume waste retrieval and develop a schedule in accordance with M-091-49A. IRA evaluation shall identify facilities or capabilities necessary to treat, store, and dispose of RH waste including caissons.	9/30/2021	On Schedule	• FDC Rev. 1 released • Finalized and submitting to DOE-RL for review: - CDR Rev. 1 released; & - EE/CA Submitted and received comments from DOE-RL. Currently incorporating comments for review at DOE-RL.
M-091-52-T03	Submit to Ecology as a primary document, a Conceptual Design Report package (Critical Decision-1) for the Facility/Capability for Contact Handled waste containers, and a TPA Change Request (in accordance with TPA Action Plan Section 12.0) to submit to Ecology. The conceptual Design Report package shall include the system specification outline, preliminary drawings, the preliminary hazards analysis, preliminary cost estimate, site development plan, and preliminary schedule for the design, construction, and operation of the facility.	9/30/2022	On Schedule	• CD-0 comments received from DOE-RL. Incorporating comments for formal release.
M-091-52-T04	Remove all mixed waste containers from Outside Storage Areas A and B. Removal constitutes either: • Shipment of the container(s) to a TSDf for repack or disposal • Relocating the container(s) to a storage area authorized by the Hanford Dangerous Waste permit condition 1.A, or a Temporary Authorization issues pursuant to WAC 173-303-830.	9/30/2026	On Schedule	
M-091-53	Submit a change request replacing the M-091-52 target dates with annual milestones for acquisition of new capabilities to complete the milestone series	9/30/2018	Completed	•Via Letter 19-AMRP-0065

M-091 PMM Status Summary –May 27, 2020

Milestone		Due Date(s)	Status Summary	Comments
M-091-00	Complete treatment TO LDR standards of MLLW and TRUM waste.	TBD	On schedule	• Dates to be established pursuant to M-091-44T.
M-091-03N	Submit annual revision of TRUM AND MLLW PMP to Ecology.	09/30/2020	On Schedule	2020 due date extended per Change Control Form M-91-20-01
M-091-44T	Submit a change request to establish a schedule for achieving the offsite shipment of all TRUM waste (in above ground storage as of June 30, 2009 and in retrievable storage)	9/30/2020	On Schedule	
M-091-47	Certify TRUM waste and Dispose MLLW		On schedule	
M-091-47D	Certify or treat 280 cubic meters of TRUM and mixed low level waste subsequent to completing certification or treatment of the volume required by M-091-74C and submit change request establishing the next two interim milestones (E&F)	9/30/2018	Complete as of 06-27-2019	• M-91-47D: 280 m <sup>3</sup> repacked as of 8/8/2017
M-091-47 E/F (interim)	Certify/Treat 280 m <sup>3</sup>	TBD	On Schedule	• M-091-47E/F: 1,350.7 m <sup>3</sup> repacked as of 05/27/2020 • M-091-47 E/F are in negotiations with TPA milestone
M-091-48	Complete offsite shipment of all TRUM waste ( in above ground storage as of June 30, 2009, and in retrievable storage)	9/30/2030	On Schedule	
M-091-49	Complete the retrieval and designation of RH RSW 09-30-2028 (includes the 200 are caissons) Complete retrieval and designation of CH RSW in burial grounds 218-W-4B, 218-W-3A, and 218-E-12B	9/30/2028	On Schedule	
M-091-49A	Submit a change request to establish a schedule for achieving the retrieval of RSW	9/30/2020	On Schedule	

M-091 PMM Status Summary –May 27, 2020

Milestone		Due Date(s)	Status Summary	Comments
M-091-52-T01B	Remove ten (10) additional mixed waste containers from Outside Storage Area A and/or Outside Storage Area B.	11/30/2019	Complete 1/17/2019	• Removed Ten mixed waste containers from Outside Storage Area A/B per letter 19-PFD-0005
M-091-52-T01C	Remove twenty (20) additional mixed waste containers from Outside Storage Area A and/or Outside Storage Area B Removal constitutes either: • Shipment of the container(s) to a TSDf for repack or disposal Relocating the container(s) to a storage area authorized by the Hanford Dangerous Waste permit condition 1.A, or a Temporary Authorization issues pursuant to WAC 173-303-830.	11/30/2020	Complete 4/2/2020	• All 20 mixed waste containers removed from Outside Storage Area A/B per milestone requirement.
M-091-52-T02	Submit to Ecology for review as a primary document, an Interim Response Action (IRA) to resume waste retrieval and develop a schedule in accordance with M-091-49A. IRA evaluation shall identify facilities or capabilities necessary to treat, store, and dispose of RH waste including caissons.	9/30/2021	On Schedule	• FDC Rev. 1 released • Finalized and submitting to DOE-RL for review: - CDR Rev. 1 released; & - EE/CA Submitted and received comments from DOE-RL. Currently incorporating comments for review at DOE-RL.
M-091-52-T03	Submit to Ecology as a primary document, a Conceptual Design Report package (Critical Decision-1) for the Facility/Capability for Contact Handled waste containers, and a TPA Change Request (in accordance with TPA Action Plan Section 12.0) to submit to Ecology. The conceptual Design Report package shall include the system specification outline, preliminary drawings, the preliminary hazards analysis, preliminary cost estimate, site development plan, and preliminary schedule for the design, construction, and operation of the facility.	9/30/2022	On Schedule	• CD-0 comments received from DOE-RL. Incorporating comments for formal release.
M-091-52-T04	Remove all mixed waste containers from Outside Storage Areas A and B. Removal constitutes either: • Shipment of the container(s) to a TSDf for repack or disposal • Relocating the container(s) to a storage area authorized by the Hanford Dangerous Waste permit condition 1.A, or a Temporary Authorization issues pursuant to WAC 173-303-830.	9/30/2026	On Schedule	
M-091-53	Submit a change request replacing the M-091-52 target dates with annual milestones for acquisition of new capabilities to complete the milestone series	9/30/2018	Completed	•Via Letter 19-AMRP-0065

M-091 PMM Status Summary –April 14, 2020

Milestone		Due Date(s)	Status Summary	Comments
M-091-00	Complete treatment TO LDR standards of MLLW and TRUM waste.	TBD	On schedule	• Dates to be established pursuant to M-091-44T.
M-091-03N	Submit annual revision of TRUM AND MLLW PMP to Ecology.	09/30/2020	On Schedule	2020 due date extended per Change Control Form M-91-20-01
M-091-44T	Submit a change request to establish a schedule for achieving the offsite shipment of all TRUM waste (in above ground storage as of June 30, 2009 and in retrievable storage)	9/30/2020	On Schedule	
M-091-47	Certify TRUM waste and Dispose MLLW		On schedule	
M-091-47D	Certify or treat 280 cubic meters of TRUM and mixed low level waste subsequent to completing certification or treatment of the volume required by M-091-74C and submit change request establishing the next two interim milestones (E&F)	9/30/2018	Complete as of 06-27-2019	• M-91-47D: 280 m <sup>3</sup> repacked as of 8/8/2017
M-091-47 E/F (interim)	Certify/Treat 280 m <sup>3</sup>	TBD	On Schedule	• M-091-47E/F: 1,292m <sup>3</sup> repacked as of 04/14/2020 • M-091-47 E/F are in negotiations with the M-091-53 milestone
M-091-48	Complete offsite shipment of all TRUM waste ( in above ground storage as of June 30, 2009, and in retrievable storage)	9/30/2030	On Schedule	
M-091-49	Complete the retrieval and designation of RH RSW 09-30-2028 (includes the 200 are caissons) Complete retrieval and designation of CH RSW in burial grounds 218-W-4B, 218-W-3A, and 218-E-12B	9/30/2028	On Schedule	
M-091-49A	Submit a change request to establish a schedule for achieving the retrieval of RSW	9/30/2020	On Schedule	

M-091 PMM Status Summary –April 14, 2020

Milestone		Due Date(s)	Status Summary	Comments
M-091-52-T01B	Remove ten (10) additional mixed waste containers from Outside Storage Area A and/or Outside Storage Area B.	11/30/2019	Complete 1/17/2019	• Removed Ten mixed waste containers from Outside Storage Area A/B per letter 19-PFD-0005
M-091-52-T01C	Remove twenty (20) additional mixed waste containers from Outside Storage Area A and/or Outside Storage Area B Removal constitutes either: • Shipment of the container(s) to a TSDf for repack or disposal Relocating the container(s) to a storage area authorized by the Hanford Dangerous Waste permit condition 1.A, or a Temporary Authorization issues pursuant to WAC 173-303-830.	11/30/2020	Complete 4/2/2020	• All 20 mixed waste containers removed from Outside Storage Area A/B per milestone requirement.
M-091-52-T02	Submit to Ecology for review as a primary document, an Interim Response Action (IRA) to resume waste retrieval and develop a schedule in accordance with M-091-49A. IRA evaluation shall identify facilities or capabilities necessary to treat, store, and dispose of RH waste including caissons.	9/30/2021	On Schedule	• FDC Rev. 1 released • Finalized and submitting to DOE-RL for review: - CDR Rev. 1 released; & - EE/CA Submitted and received comments from DOE-RL. Currently incorporating comments for review at DOE-RL.
M-091-52-T03	Submit to Ecology as a primary document, a Conceptual Design Report package (Critical Decision-1) for the Facility/Capability for Contact Handled waste containers, and a TPA Change Request (in accordance with TPA Action Plan Section 12.0) to submit to Ecology. The conceptual Design Report package shall include the system specification outline, preliminary drawings, the preliminary hazards analysis, preliminary cost estimate, site development plan, and preliminary schedule for the design, construction, and operation of the facility.	9/30/2022	On Schedule	• CD-0 comments received from DOE-RL. Incorporating comments for formal release.
M-091-52-T04	Remove all mixed waste containers from Outside Storage Areas A and B. Removal constitutes either: • Shipment of the container(s) to a TSDf for repack or disposal • Relocating the container(s) to a storage area authorized by the Hanford Dangerous Waste permit condition 1.A, or a Temporary Authorization issues pursuant to WAC 173-303-830.	9/30/2026	On Schedule	
M-091-53	Submit a change request replacing the M-091-52 target dates with annual milestones for acquisition of new capabilities to complete the milestone series	9/30/2018	Completed	•Via Letter 19-AMRP-0065

**M-091 MILESTONE PROJECT MANAGERS MEETING**

**Via Teleconference  
Richland, Washington**

**June 25, 2020**

**ATTENDANCE LIST**

<b>NAME</b>	<b>ORGANIZATION</b>
1. Bergman, Theresa	CHPRC
2. Brasher, Stephanie	MSA
3. Cline, Derek	DOE/RL
4. Colton, Ingrid	DOE/RL
5. Davis, Scott	MSA
6. Elsethagen, Kelly	Ecology
7. Fullmer, John	CHPRC
8. Hahn, Deirdra	Ecology
9. Higgins, Kathy	DOE/RL
10. Hildebrand, Doug	DOE/RL
11. Hultman, John	CHPRC
12. Johansen, Stephanie	CHPRC
13. Knox, Kathy	Court Reporter
14. Shore, Sandy	CHPRC
15. Soto, Edward	Ecology
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21.	
22.	

**M-091 MILESTONE PROJECT MANAGERS MEETING**

**Via Microsoft Teams  
Richland, Washington**

**June 25, 2020**

**9:30 A. M.**

**AGENDA**

- I. The February 27, 2020 M-091 Milestone Project Managers Meeting (PMM) minutes have not been submitted to the Administrative Record (AR) as the Hanford Site has been in an essential mission critical operations posture due to the coronavirus disease 2019 (COVID-19). The April 23, 2020 meeting was cancelled.
- 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

**Actions Table**  
**M-091 Milestone Project Managers Meeting**

<b>Milestone</b>	<b>Description</b>	<b>Open / Closed</b>	<b>Date</b>	<b>Status</b>