

**Meeting Minutes Transmittal**

**M-091 Milestone  
Project Managers Meeting  
825 Jadwin / Room 554  
Richland, Washington  
December 19, 2013**

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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.

  
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Project Manager Representative, Ecology

Date: 27 March 2014

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

Date: 27 March 2014

M-091 Administrative Records	H6-08
DJ Alexander	H0-57
MS Collins	A6-38
BJ Dixon	T4-09
PE Eberlein	H0-57
RH Engelmann	H8-45
SK Johansen	T1-41
PW Martin	H8-45
DG Singleton	H0-57
LC Tuott	T4-06

M-091 PROJECT  
Project Managers Meeting Minutes  
825 Jadwin/Room 554/700 Area  
Richland, Washington

December 19, 2013

I. The October 24, 2013, Project Managers Meeting (PMM) minutes were approved. There was no November 2013 PMM held by agreement between RL and Ecology.

II. Status Report

A. TPA Milestone Update

Mike Collins (RL) provided an update on milestone M-091-03 for submittal of the annual Project Management Plan (PMP). Mr. Collins stated that during a meeting held October 16, 2013, to discuss Ecology's comments on the PMP, about 80 percent of the comments were resolved and accepted by Ecology. Mr. Collins stated that Ecology was to have internal discussions on RL's remaining comment resolutions. Deborah Singleton (Ecology) stated that internal discussions were held on the comment resolutions, and suggested scheduling a meeting to resolve the remaining comments. Ms. Singleton noted that the intent is to reach comment resolution and finalize the June 2013 PMP before submittal of the 2014 PMP, and to not defer comment resolution and incorporation to the 2014 PMP. Ellis Eberlein (Ecology) took the action to schedule a meeting with RL/CHPRC during the middle of January 2014 to discuss the remaining comment resolutions to the 2013 PMP.

Mr. Collins stated that there has been very little activity associated with most of the milestones. Mr. Collins noted that under M-091-44, about 54 cubic meters of large package transuranic (TRU) waste was sent to Permafix NW and was repackaged in a certifiable waste form. The repackaged waste was sent back and is currently in the Central Waste Complex (CWC) awaiting Waste Isolation Pilot Plant (WIPP) certification for shipment to Carlsbad, NM. Ms. Singleton asked if the time frame that has elapsed for some of the waste that was previously prepared for WIPP certification will require the waste to be redone. Mr. Collins responded that it will not. Mr. Collins added that there are currently two groups of waste. One group is certifiable and will need to go through the WIPP certification process. The other group of waste is a small amount that has gone through the WIPP certification process and will not need to go through the x-ray and assay process. Mr. Collins noted that the final paperwork has not been completed on that small amount of waste.

Ms. Singleton referred to the incident with the one drum that had been x-rayed and repackaged at CWC, and asked if it was one of the drums that was considered certifiable. Mr. Collins responded that the question raises the issue about the statement, "certification in lieu of treatment," which is included in the M-091-44 milestone but not in the M-091-46 milestone. Ms. Singleton agreed with Mr. Collins' statement. Mr. Collins stated that the intent was to make that one drum WIPP certifiable, but once the incident occurred, the drum would have to be redone. Mr. Collins noted that part of the definition of certified is to make certifiable, leading to language that states if a waste stream ends up not being WIPP certified, then that waste stream would have to be discounted from the waste volume number. Ms. Singleton stated that the waste stream would then be considered non-certifiable because it would have to be rechecked. Mr. Collins agreed that that was correct,

unless another method could be used such as overpacking the waste stream into a larger 85-gallon drum. Mr. Collins noted that WIPP can accept 85's, but they haven't been accepting them due to space issues.

[Post -Meeting Note: As a clarification of this discussion, the drum that is referred to during this discussion has been identified as Container Number 0035505. On November 18, 2013, Ecology met with representatives from DOE and CHPRC pertaining to Container PIN # 0035505 corrosion issues. Container PIN #0035505 was an 85-gallon overpack container containing a 55-gallon drum that was retrieved from LLBG 218W-4C, Trench 4C in November 2006 as part of the suspected transuranic (TRU) retrieval Project. The retrieved 55-gallon drum has a 30-gallon container inside of it holding absorbed sludge from the Hanford Site 340 Vault Facility. This drum was x-rayed and moved to storage at CWC awaiting further evaluation to see whether or not the waste within the drum meets the WIPP certification requirements. This drum (#0035505) has subsequently been overpacked into a 110-gallon drum (#0087947).]

Mr. Collins stated that there has been no activity under M-091-46. Mr. Collins noted that M-026-01 was added to the milestone table for the annual Land Disposal Restrictions (LDR) report.

B. SAP Implementation (M-091-40)

Mr. Collins stated that no work has been done under this milestone, and that no substrate sampling was conducted from July through September 2013.

III. Status of Previous Agreements and Commitments

A. There were no previous agreements or commitments to status.

IV. New Agreements and Commitments

A. There were no new agreements or commitments.

V. Near Term Schedules and Ongoing Activities (Milestones, TSD Unit)

A. There was no discussion.

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

A. There were no approved changes to status.

VII. General Discussion

A. There were no topics for general discussion.

VIII. Actions

A. There were no actions to status.

Unit	Description of Action	Status	Date
M-091-03: RL and Ecology to review the current and previous comment letters to determine if formal clarification is needed from Ecology.	There is a need to come to an agreement if formal clarification is necessary. (E. Eberlein indicated that Ecology expects its current comments to be incorporated into a final	New Action	8/22/13

Unit	Description of Action	Status	Date
	document this year; not to wait to address in next year's draft.)		
		Ecology sent RL a letter requesting an updated PMP.	10/24/13
		Ecology requested that RL incorporate current comments into the 2013 PMP and issue a final document before submitting the 2014 PMP. <b>This action was closed</b>	12/19/13
M-091-03	Ecology to schedule a meeting with RL/CHPRC in January 2014 to discuss remaining comments on the 2013 PMP.	New Action	12/19/13

IX. Documents for Submittal to the Administrative Record

A. The October 24, 2013 and December 19, 2013 PMM minutes and Ecology's email stating that milestone M-091-40 was met (to be attached to today's the minutes) were identified for submittal to the AR.

X. Next Project Managers Meeting

A. The next PMM was scheduled for February 20, 2014, on the bimonthly basis as agreed to between RL and Ecology.

**Childers, Heather M**

**From:** Dittmer, Lorna M  
**Sent:** Tuesday, December 10, 2013 2:30 PM  
**To:** Singleton, Deborah; Pyles, Gary L; Childers, Heather M  
**Cc:** Alexander, Debra (ECY); Simiele, Connie J; Farabee, Oliver A (AI); Collins, Michael S; Noland, Terry W; Lueck, Kristi J  
**Subject:** RE: Suggested email to Deborah Singleton at Ecology for M-091 milestones

Heather, will you please place this email in the AR? Please include each of the following as separate search criteria:

- M-091-40L-040, Submit Jul-Sep 4th Quarter FY13 Burial Ground Sample Results
- M-091-44Z-004, Annual PMM or Quarterly Notification of Certification of CH/RH TRUM

Thank you –

Lorna

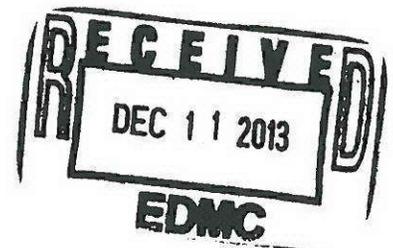
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**From:** Singleton, Deborah (ECY) [mailto:dsin461@ecy.wa.gov]  
**Sent:** Tuesday, December 10, 2013 12:48 PM  
**To:** Pyles, Gary L  
**Cc:** Alexander, Debra (ECY); Dittmer, Lorna M; Simiele, Connie J; Farabee, Oliver A (AI); Collins, Michael S  
**Subject:** Re: Suggested email to Deborah Singleton at Ecology for M-091 milestones

Thanks Gary. Lets be sure this email is recorded in the AR.  
I will be back in the office Thursday afternoon.

Sent from my iPhone

On Dec 9, 2013, at 2:17 PM, "Pyles, Gary L" <gary.pyles@rl.doe.gov> wrote:



Deborah –

The next PMM for M-091 is scheduled for December 19, 2013. Two of the M-091 interim milestones due this month are documented as complete through submittal to Ecology at the PMM, but one of them is due prior to the scheduled meeting. In advance of the PMM, I am documenting completion of the following milestones:

**M-091-40L-040, Submit Jul-Sep 4th Quarter FY13 Burial Ground Sample Results,** due 12/15/2013 No substrate sampling was completed during 4<sup>th</sup> quarter FY13

**Description:** *The results of burial ground vent and substrate sampling and analysis pursuant to approved SAPs shall be submitted to Ecology quarterly in the project managers' meetings for inclusion in the administrative record. Such reports shall document results and methodologies, shall assess results against regulatory requirements, shall include a description (or descriptions) of documented contaminant releases to the environment, and shall describe planned and/or scheduled additional work.*

**Status:** No substrate sampling was completed during 4<sup>th</sup> quarter (July – September) FY13. Milestone is complete.

M-091-44Z-004, Annual PMM or Quarterly Notification of Certification of CH/RH TRUM, due 12/31/2013

*Description: DOE may choose to complete certification and shipment of TRUM waste for disposal at the Waste Isolation Pilot Plant (WIPP) in lieu of LDR treatment if, as of the time of shipment, such waste is exempt from LDR treatment standards when disposed at WIPP. Notification of certification in support of shipment will be reported at least annually as part of the project manager meetings or quarterly milestone review for inclusion in the administrative record.*

Status: No TRUM waste was certified or shipped to WIPP during this period; however, in September of 2013, 53.6 cubic meters of large container TRUM was size reduced and repackaged in to WIPP certifiable waste containers in lieu of treatment. Milestone is complete.

Both these milestones require notification to Ecology at the PMM. Since the date of the PMM is scheduled after the milestone due date for M-091-40L-040, this email serves to provide the status to Ecology. The update for both of these milestones will also be provided in the December 19, 2013 Project Manager Meeting.

RL requests your concurrence that these milestones are considered complete.

If you have any questions please let me know.

Thank you,

Gary Pyles  
(509) 376-2670

PMM Status Summary – November 30, 2013

Milestone	Due Date(s)	Status Summary	Comments
<b>M-091-00:</b> Complete treatment of MLLW and TRUM waste.	TBD		<ul style="list-style-type: none"> <li>Dates to be established pursuant to M-091-44T.</li> </ul>
<b>M-091-01:</b> Complete acquisition of capabilities for treating large-container TRUM waste and remote-handled TRUM waste.	Complete conceptual design and submit milestone change package by 09/30/16  Complete definitive design and submit milestone change package by 09/30/18		
<b>M-091-03:</b> Submit TRUM waste/MLLW PMP	Revision due annually by 06/30.  Submit disposition plans for no path forward waste by 06/30/2011 <b>Complete</b>	FY 13 Submittal Complete	<ul style="list-style-type: none"> <li>2013 PMP submitted 06/12/13 (13-AMRP-0206).</li> <li>Ecology comments received 08/12/13 (13-NWP-083).</li> <li>Comment resolution meeting held 10/16/13. Some comments remain to be resolved.</li> </ul>
<b>M-091-40:</b> Retrieve contact-handled retrievably-stored waste	250 m <sup>3</sup> by 09/30/12 (Target Date) <b>Missed</b>  250 m <sup>3</sup> by 09/30/13 (Target Date) <b>Missed</b>	FY 13 Target Date Missed	<ul style="list-style-type: none"> <li>FY 2013 Target date was not met (13-AMRP-0189, 05/23/13).</li> <li>No funding has been identified to retrieve waste in FY 2014.</li> <li>There were no substrate sampling and analysis results for 07/13-09/13. No funding has been identified to perform sampling and analysis in FY 2014.</li> </ul>

	<p>250 m<sup>3</sup> by 09/30/14 (target) <b>At Risk</b></p> <p>1,250 m<sup>3</sup> by 09/30/15</p> <p>Complete by 09/30/16</p>		
<p><b>M-091-41:</b> Retrieve remote-handled retrievably stored waste</p>	<p>Complete non-caisson retrieval by 09/30/16</p> <p>Complete caisson retrieval by 12/31/18</p>	At Risk	<ul style="list-style-type: none"> <li>• No funding has been identified to retrieve waste in FY 2014.</li> </ul>
<p><b>M-091-42:</b> Treat small-container, contact handled MLLW</p>	<p>Complete treatment by 09/30/17</p>	At Risk	<ul style="list-style-type: none"> <li>• No funding has been identified to treat waste in FY 2014.</li> <li>• 10 m<sup>3</sup> are in SWOC storage.</li> </ul>

<b>M-091-43:</b> Treat large-container MLLW and remote-handled MLLW	Complete treatment by 09/30/17	At Risk	<ul style="list-style-type: none"> <li>No funding has been identified to treat waste in FY 2014.</li> <li>58 m<sup>3</sup> are in SWOC storage.</li> </ul>
<b>M-091-44:</b> Certify large-container TRUM waste and remote-handled TRUM waste	<p>Certify 300 m<sup>3</sup> by 09/30/16 <b>Complete</b></p> <p>Certify 300 m<sup>3</sup> by 09/30/17 <b>Complete</b></p> <p>Certify 300 m<sup>3</sup> by 09/30/18</p> <p>Submit change package proposing annual certification and shipping milestones to completion by 09/30/18</p> <p>Complete certification and shipment by 12/31/30</p>	On Schedule	<ul style="list-style-type: none"> <li>182 m<sup>3</sup> have been repackaged and certified (per the M-091 Milestone certification definition) toward the 09/30/18 milestone. 53.6 m<sup>3</sup> have been repackaged and packaged into WIPP-certifiable containers in the last quarter of FY 2013. No WIPP certification has been performed but, if it had been, certification and shipment to WIPP would have been done in lieu of treatment.</li> <li>About 9,960 m<sup>3</sup> were in SWOC storage. (This includes M-091-44 TRUM waste, M-091-46 TRUM waste, and TRU waste).</li> </ul>
<b>M-091-46</b>		FY 13	<ul style="list-style-type: none"> <li>FY 2013 Target date was not met (13-AMRP-0189,</li> </ul>

<p>Certify and ship small-container, contact-handled TRUM waste</p>	<p>Certify 300 m<sup>3</sup> by 09/30/12 (target) <b>Missed</b></p> <p>Certify 125 m<sup>3</sup> by 09/30/13 (target) <b>Missed</b></p> <p>Certify 125 m<sup>3</sup> by 09/30/14 (target) <b>At Risk</b></p> <p>Certify 250 m<sup>3</sup> by 09/30/15</p> <p>Certify 250 m<sup>3</sup> by 09/30/16</p> <p>Complete certification by 09/30/17</p> <p>Ship 1,000 m<sup>3</sup> by 09/30/11 <b>Complete</b></p> <p>Complete shipment by 09/30/18</p>	<p>Target Date Missed</p>	<p>05/23/13).</p> <ul style="list-style-type: none"> <li>No funding has been identified to repackage waste in FY 2014.</li> </ul>
<p><b>M-026-01</b> Submit annual Hanford Land Disposal Restrictions (LDR) Report</p>	<p>Revision due annually by 04/30</p>	<p>FY 13 Submittal Complete</p>	<ul style="list-style-type: none"> <li>Responses to Ecology comments provided on 07/31/13 (13-AMRP-0272).</li> </ul>

**M-091**  
**Project Managers Meeting**  
**825 Jadwin / Room 554**  
**Hanford, Washington**

**December 19, 2013**  
**ATTENDEE LIST**

Name	Organization	Phone Number
1. Stephanie Jehansea	CHPRC	373-1031
2. Kathy Knox	Knox Court Reporting	946-5535
3. Rick Engelmann	CHPRC	376-7485
4. Kristi Lueck	CHPRC	
5. LEE Tuott	CHPRC	376-1045
6. Joel Williams, Jr	CHPRC-EP	376-4782
7. Lana Strickling	CHPRC-EP	376-3583
8. Lorna Dittmer	CHPRC	376-7017
9. Brett M Barnes	CHPRC	521-3053
10. Michael Gillens	<del>CHPRC</del>	376-6536
11. Deborah Snylton	Ecology	372-7923
12. Elis Eberlein	Ecology	372-7906
13. A. Cawtse	CHPRC	376-3143
14. P. Sharon Badbada	CHPRC	373-9792
15. PAUL W. MARTIN	CHPRC	376-6420
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**M-091 PROJECT MANAGERS MEETING  
825 Jadwin / Room 554  
Hanford, Washington  
December 19, 2013**

**9:30 a.m. to 10:00 a.m.**

**Agenda**

- I. The August 22, 2013, Project Managers Meeting (PMM) minutes were approved by RL and Ecology (hand-marked spelling corrections by Mr. Elis Eberlein, Ecology, were made) and a copy of the approved corrected minutes were provided electronically to Ms. Deborah Singleton, Ecology, and Mr. Eberlein, Ecology, and submitted to the Administrative Record (AR). No PMMs were held in September 2013. The October 24, 2013, PMM minutes are pending approval by RL and Ecology. No PMMs were held in November 2013.
- II. Status Report
  - A. TPA Milestone Update
  - B. SAP Implementation (M 91-40)
- 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

Unit	Description of Action	Status	Date
M-091-03: RL and Ecology to review the current and previous comment letters to determine if formal clarification is needed from Ecology.	There is a need to come to an agreement if formal clarification is necessary. (E. Eberlein indicated that Ecology expects its current comments to be incorporated into a final document this year; not to wait to address in next year's draft.)	New Action	8/22/13
		Ecology sent RL a letter requesting an updated PMP.	10/24/13

- IX. Documents for Submittal to the Administrative Record
- X. Next Project Managers Meeting