

## Meeting Minutes Transmittal

M-91 Milestone  
 Project Managers Meeting  
 825 Jadwin/Room 340  
 Richland, Washington  
 July 22, 2010

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.

 *for Deborah Singleton* Date: 26 Aug 2010  
 Project Manager Representative, Ecology

 Date: 26 Aug 2010  
 Project Manager Representative, RL

 *D.L. Flyckt* Date: 8/26/10  
 Project Manager Representative, CHPRC

M-91 Administrative Record	H6-08
MS Collins	A6-38
DL Flyckt	T4-10
AG Miskho	T4-10
LC Petersen	T4-04
DG Singleton	H0-57

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M-91 PROJECT MEETING MINUTES  
Project Managers Meeting  
825 Jadwin/Room 340/700 Area  
Richland, Washington

July 22, 2010

I. Approval of June 24, 2010 M-91 Project Meeting Minutes (Ecology/DOE-RL/CHPRC).

A. The PMM minutes were approved.

II. Status Report

A. TPA Milestone Update

Mike Collins (RL) provided a status on the M-91 milestones. Mr. Collins noted a correction under M-91-43, that there are about 95 cubic meters in storage at SWOC, not the 36 cubic meters reported. Deborah Singleton (Ecology) inquired about the 728 cubic meters shipped as of 7/16/10, but zero cubic meters shipped between 6/18/10 and 7/16/10. Mr. Collins explained that the 728 cubic meters is cumulative for the past five years. Under M-91-46, Mr. Collins noted that the cubic meters listed as certified awaiting shipment to WIPP is less than 45. Mr. Collins stated that the total volume of waste for shipment to Idaho is 215 cubic meters, and 195 cubic meters are currently awaiting shipment. EPA Region 6 has completed its audits on the 762 cubic meters of TRU/TRUM waste that has been packaged into a certifiable waste form. There were limited findings or corrective actions resulting from the audits, and it is anticipated that the waste will be approved for certification in early September 2010. Mr. Collins noted that the volume of TRU/TRUM stored in SWOC is a little less than the 2,267 cubic meters reported.

Mr. Collins stated that RL received the Ecology/EPA letter requesting incorporation of the M-16-93 CERCLA work plan into the M-91-03 Project Management Plan (PMP). Once the M-91 milestone series changes are approved, RL will submit a change package to incorporate the M-16-93 CERCLA work plan into the M-91-03 PMP. Ms. Singleton stated that Ecology will be requesting a three-week extension to review the M-91-03 PMP that was submitted to Ecology on June 29, 2010.

B. Concerns Regarding Meeting Scheduled Milestone Completion Dates

Mr. Collins stated that due to the five-month stop work with M-91-40 retrieval, there is a concern about meeting the milestones, especially the 2,500 cubic meters retrieved by 9/30/11. A recovery plan is in place, and all of the corrective actions have been implemented that are associated with the two incidents in trench 11 and the stand-down previous to that in the adjacent trench. The recovery plan is focusing on trench 17 and the big boxes, and preparations are being made for excavation in trench 8 in

3A. Preparations are also being made to do GPR and magnetometer readings in trench 11 in an effort to determine what was in the area that caused the problem. The recovery plan has a bi-month recovery schedule delineating what is planned for retrieval. Ms. Singleton requested a copy of the schedule. Tony Miskho (CHPRC) will ensure the schedule is cleared and then send a copy to Ms. Singleton.

- C. SAP Implementation  
There was no update on SAP implementation.

III. General Discussions

- A. Mr. Collins reported that RL is in the process of responding to the comments received during the public comment period regarding the M-91 milestone series changes. Mr. Collins noted that there will potentially be changes to the retrieval definition. Ms. Singleton stated that Ecology has had internal discussions regarding the definition, and she offered to share that discussion with RL/CHPRC. Mr. Miskho requested a brief discussion today regarding Ecology's take on the definition. Ms. Singleton stated that she would call Mr. Collins after leaving today's meeting to provide the information.

IV. Status of Actions

- A. There were no actions to status.

V. New Action Items

- A. There were no new actions.

VI. Documents for Submittal to the Administrative Record

Two letters that have been entered into the Administrative Record were identified:

- . Letter number 0088486 from EPA and Ecology to RL dated June 2, 2010, recommending deletion of milestone M-16-93 and incorporate the scope into the PMP developed pursuant to M-91-03.
- . Letter 10-AMCP-0191 from RL to Ecology dated June 29, 2010 transmitting M-91 PMP to complete milestone M-91-03.

VII. Next Project Managers Meeting

- A. The next PMM was scheduled for August 26, 2010 at 10:15 a.m.

**M-91 PROJECT MEETING  
825 Jadwin/Room 340  
Hanford, Washington  
July 22, 2010**

**10:15 a.m. to 10:45 a.m.**

**Agenda**

- I. Approval of June 24, 2010 M-91 Project Meeting Minutes  
(Ecology/DOE-RL/CHPRC)
- II. Status Report
  - A. TPA Milestone Update
  - B. Concerns regarding meeting scheduled milestone completion dates
  - C. SAP Implementation
- III. General Discussions
- IV. Status of Actions
- V. New Action Items
- VI. Documents for Submittal to the Administrative Record
- VII. Next Project Managers Meeting

M91  
 Project Managers Meeting  
 825 Jadwin/Room 340  
 Hanford, Washington

July 22, 2010

Attendance List

Name	Organization	Phone Number
Porcia Dixon	CHPRC-EP	376-7053
Kathy Clouse	CHPRC-EP	376-2377
Alma Orduno	CHPRC-EP	376-3344
Kathy Knox	Knox Reporting	946-5535
LINDA Petersen	CHPRC-FGG	373-4200
Dale Black	CHPRC-TPA	376-0740
Joel Williams J	CHPRC-EP	376-4782
Michael Collins	DOE-RL	376-6536
TONY MCKAYAS	DOE-RL	376-8981
Jessica Vajner	YAHSGS-# DOE-RL	
Tony Mischko	CHPRC	376-7313
RON MARRISON	MSA-TPA	376-2994
Deborah Singleton	Ecology	372-7923
J. Biebertenne	Ecology	372-7891
PAUL W. MARSH	CHPRC-EP	376-6620

PMM Status Summary – June 30, 2010

Note: Milestones are the proposed milestones from the 04/20/10 Tentative Agreement.

Milestone	Due Date(s)	Status Summary	Comments
<b>M-91-00:</b> Complete treatment of MLLW and TRU waste.	TBD		<ul style="list-style-type: none"> <li>Dates to be established pursuant to M-91-44T</li> </ul>
<b>M-91-01:</b> Complete acquisition of capabilities for treating large-package TRUM waste and remote-handled TRU waste.	TBD		<ul style="list-style-type: none"> <li>Dates to be established based on conceptual and definitive designs associated with acquiring the capabilities.</li> <li>Started to use Permafix-Northwest on 07/13/10 to fulfill some of these capabilities.</li> <li>Techniques used to retrieve Boxes 80 and 82 from 218-W-3A, Trench 17, could potentially provide some of the capability (e.g., waste segregation, compliant packaging). The same techniques could potentially be used to address CH, large boxes stored at CWC.</li> </ul>
<b>M-91-03:</b> Submit TRUMM waste/MLLW PMP	Revision due annually by 06/30  Submit disposition plans for no path forward waste by 06/30/2011	2010 submittal complete	<ul style="list-style-type: none"> <li>The 06/10 PMP was submitted to Ecology on 06/29/10.</li> </ul>
<b>M-91-40:</b> Retrieve contact-handled retrievably-stored waste	2,500 m <sup>3</sup> by 09/30/11  250 m <sup>3</sup> by 09/30/12 (target)	Behind schedule	<ul style="list-style-type: none"> <li>10,539 m<sup>3</sup> of RSW was retrieved as of 06/30/10. 44 m<sup>3</sup> were retrieved between 06/20/10 and 07/16/10.</li> <li>13 m<sup>3</sup> is currently removed from trenches but not declared retrieved.</li> </ul>

	<p>250 m<sup>3</sup> by 09/30/13 (target)</p> <p>250 m<sup>3</sup> by 09/30/14 (target)</p> <p>1,250 m<sup>3</sup> by 09/30/15 (target)</p> <p>Complete – 09/30/16</p>		<ul style="list-style-type: none"> <li>• Box 3 (218-W-3A, Trench 17) was retrieved 07/16/10. Repackaging and removal of Box 82 is expected in early 08/10.</li> <li>• Next Generation Retrieval/Point-of-Generation Compliant Packaging: <ul style="list-style-type: none"> <li>○ Phase I (waste retrieval) start will be delayed to 09/10 due to resources being diverted to address corrective actions above. Site preparation is complete. Equipment (e.g., real-time radiography, assay, vent) calibration and testing continued. Readiness review activities are expected to be complete by</li> <li>○ Phase II (waste processing) was delayed to give vendors more time to prepare proposals for the design/build contract for the processing equipment. Proposals are due 07/19/10.</li> </ul> </li> <li>• There were no substrate sampling and analysis results for 04/10-06/10.</li> </ul>
<p><b>M-91-41:</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>	<p>On Schedule</p>	<ul style="list-style-type: none"> <li>• Non-caisson RH retrieval being performed in conjunction with CH retrieval.</li> <li>• Alpha Caisson Retrieval/Point-of-Generation Compliant Packaging – Work has been suspended to fund higher priority work. <ul style="list-style-type: none"> <li>○ Phase I (waste retrieval) preliminary design is about 30% complete.</li> <li>○ Phase II (waste processing) preliminary design is about 30% complete.</li> </ul> </li> </ul>
<p><b>M-91-42:</b> Treat small-package, contact handled MLLW</p>	<p>Complete treatment by 09/30/17</p>	<p>On schedule</p>	<ul style="list-style-type: none"> <li>• 8,160 m<sup>3</sup> was treated as of 07/16/10. 19 m<sup>3</sup> was treated between 06/18/10 and 07/16/10.</li> <li>• 8,214 m<sup>3</sup> was shipped as of 07/16/10. 1 m<sup>3</sup> was</li> </ul>

			<p>shipped between 06/18/10 and 07/16/10.</p> <ul style="list-style-type: none"> <li>• 36 m<sup>3</sup> was in SWOC storage as of 07/16/10.</li> <li>• The LDR variance for 50 g of beryllium powder was approved on 06/07/10.</li> </ul>
<p><b>M-91-43:</b> Treat large-package MLLW and remote-handled MLLW</p>	<p>Complete treatment by 09/30/17</p>	<p>On schedule</p>	<ul style="list-style-type: none"> <li>• 707 m<sup>3</sup> was treated as of 07/16/10. 9 m<sup>3</sup> was treated between 06/18/10 and 07/16/10. This volume includes both RH and large-package waste.</li> <li>• 728 m<sup>3</sup> was shipped as of 07/16/10. 0 m<sup>3</sup> was shipped between 06/18/10 and 07/16/10.</li> <li>• 36 m<sup>3</sup> was in SWOC storage as of 07/16/10.</li> </ul>
<p><b>M-91-44:</b> Certify and ship large-package TRUM waste and remote-handled TRUM waste</p>	<p>Certify 300 m<sup>3</sup> by 09/30/16</p> <p>Certify 300 m<sup>3</sup> by 09/30/17</p> <p>Certify 300 m<sup>3</sup> by</p>	<p>On schedule</p>	<ul style="list-style-type: none"> <li>• Shipped 17 m<sup>3</sup> for treatment as of 07/16/10.</li> <li>• 6,949 m<sup>3</sup> was in SWOC storage as of 07/16/10.</li> </ul>

	<p>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 12/31/35</p>		
<p><b>M-91-46</b>  Certify and ship small-package, contact-handled TRUM waste</p>	<p>Certify 850 m<sup>3</sup> by 09/30/11</p> <p>Certify 300 m<sup>3</sup> by 09/30/12 (target)</p> <p>Certify 125 m<sup>3</sup> by 09/30/13 (target)</p> <p>Certify 125 m<sup>3</sup> by 09/30/14 (target)</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>		<ul style="list-style-type: none"> <li>• 392 m<sup>3</sup> shipped to WIPP since 03/10 resumption of shipment. 15 m<sup>3</sup> shipped between 06/21/10 and 07/16/10.</li> <li>• 45 m<sup>3</sup> certified awaiting shipment to WIPP as of 06/21/10. None was certified between 04/15/10 and 06/21/10.</li> <li>• 20 m<sup>3</sup> shipped to Idaho as of 07/16/10.</li> <li>• 195 m<sup>3</sup> awaiting shipment to Idaho as of 06/21/10.</li> <li>• 762 m<sup>3</sup> of TRU/M has been packaged into a certifiable waste form as of 07/11/10.</li> <li>• The volume of TRU/M stored in SWOC was 2,267 m<sup>3</sup> as of 05/31/10.</li> </ul>

	<p>Ship 1,000 m<sup>3</sup> by 09/30/11</p> <p>Complete shipment by 09/30/18</p>		
<p><b>M-16-93:</b> Submit implementation work plan for acquisition of capabilities necessary to prepare TRUM waste generated by CERCLA clean-up actions at Hanford for disposal at WIPP.</p>	<p>12/31/09</p>	<p>Complete</p>	<ul style="list-style-type: none"> <li>Ecology/EPA submitted a letter requesting that this work plan be incorporated in to the 06/30/11 M-91-03 PMP.</li> </ul>