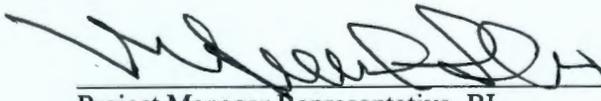
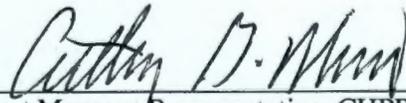


M-91 Milestone  
Project Managers Meeting  
825 Jadwin/Room 540S  
Richland, Washington  
October 28, 2010

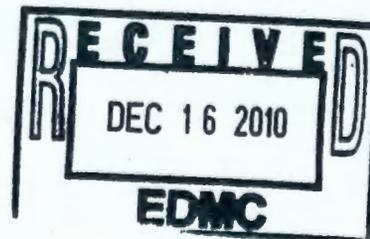
The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Project Managers Meeting. Signatures denote concurrence with the content only and are not intended to imply agreement to any commitments.

  
\_\_\_\_\_  
Project Manager Representative, Ecology Date: 12/9/2010

  
\_\_\_\_\_  
Project Manager Representative, RL Date: 9 December 2010

  
\_\_\_\_\_  
Project Manager Representative, CHPRC Date: 12/9/10

- |                            |       |
|----------------------------|-------|
| M-91 Administrative Record | H6-08 |
| MS Collins                 | A6-38 |
| DL Flyckt                  | T4-10 |
| LC Petersen                | T4-04 |
| DG Singleton               | H0-57 |
| LC Tuott                   | T4-52 |



## M-91 PROJECT MEETING MINUTES

Project Managers Meeting  
825 Jadwin/Room 540S/700 Area  
Richland, Washington

October 28, 2010

### I. Approval of September 23, 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.

M-091-01: Mr. Collins stated that some dates for acquiring capabilities to treat large container, remote-handled (RH) transuranic (TRU) waste will be established in 2016, based on conceptual design.

M-091-03: Deborah Singleton (Ecology) requested an extension to November 15, 2010 to review the annual Project Management Plan (PMP). Ms. Singleton inquired about a time frame for scheduling meetings to discuss the PMP. Mr. Collins responded that CHPRC is drafting a change request (either one or two change requests) which will add the scope of the M-016-93 CERCLA work plan to the PMP, and as soon as that is completed it will be forwarded to Ecology for review. Ms. Singleton noted that EPA wants an opportunity to review and comment on the PMP.

M-091-40: Retrieval is planned to start this December in the 12B burial ground. A robot excavator will be deployed in the next two weeks in the area where the puffs occurred in trench 11 in the 4B burial ground. The intent is to provide better information about what can be expected in the trench. The calibration of instrumentation for next generation retrieval has been slowed due to issues with handling and custody of radioactive sources. Startup of next generation retrieval is anticipated for this December.

M-091-41: Mr. Collins stated that a lot of the waste that's being retrieved was originally designated as RH, but it has decayed in the past 30 years, bringing it down to contact-handled (CH) waste. However, when the waste is retrieved it is still being counted toward the RH milestone because that is what was envisioned when the milestone volume was set for RH.

M-091-44: Assay capability is in place at Permafrix, and waste that is determined to be mixed low level waste (MLLW) will stay at Permafrix to be treated. Assay equipment is being installed at Central Waste Complex (CWC) and Low Level Burial Grounds (LLBG) in an effort to determine whether the large boxes are TRU waste. If the waste assayed at LLBG is determined to be MLLW, it can be sent directly to Permafrix instead of sending it to CWC. The assay area at CWC is located on the gravel pad on the west side of CWC, and at LLBG it is located mostly at trench 17.

M-091-46: Mr. Collins stated that shipping to WIPP and Idaho will slow down temporarily due to a shift of shipping resources to Savannah River. Reshipping to Idaho should start up in early December 2010, and be completed by March 2011. The Central Certification Program (CCP) approval is still anticipated for December, and startup of CCP by the end of December 2010.

B. Concerns Regarding Meeting Scheduled Milestone Completion Dates  
There were no concerns noted regarding milestone completion dates.

C. SAP Implementation

Mr. Collins stated that there was no substrate sampling for the quarter of July through September 2010. Dale Black (CHPRC) noted that in mid-September 2010, the new M-91 change package was signed, and the method for meeting the TPA milestone on reporting quarterly sampling results was changed. The quarterly sampling results will now be reported at the PMM every three months. Tony Miskho (CHPRC) suggested including the milestone number in parentheses after SAP implementation. Mr. Black noted that the internal milestone numbers associated with the quarterly sampling is not a TPA milestone number, but the numbers are linked to M-091-40. It was agreed to add a parenthetical M-091-40 after SAP implementation on the agenda.

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 to status.

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

A. There were no activities to status.

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

A. There were no approved changes to status.

VII. General Discussion

A. Mr. Miskho initiated a discussion regarding the status of the M-091-03 PMP. Ms. Singleton stated that comments on the PMP will be transmitted to RL/CHPRC on an RCR form next week. Ms. Singleton stated that the next step will be for RL/CHPRC to resolve the comments, and update and resubmit the PMP. Ms. Singleton noted that the initial review of the PMP revealed that it was not as easy to read as the previous PMP. The PMP review extension for Ecology will be extended to November 15, 2010.

VIII. Actions

A. There were no actions to status.

IX. Documents for Submittal to the Administrative Record

A. There were no documents identified.

X. Next Project Managers Meeting

A. It was agreed to combine the November and December PMMs, and the next meeting was scheduled for December 9, 2010.

**M-91 PROJECT MEETING  
825 Jadwin/Room 460  
Hanford, Washington  
October 28, 2010**

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

**Agenda**

- I. Approval of September 23, 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. Status of Previous Agreements and Commitments
- IV. New Agreements and Commitments
- V. Near Term Schedules and Ongoing Activities (Milestones, TSD Unit)
- VI. Approved Changes Signed Off in Accordance with TPA Section 12.2
- VII. General Discussion
- VIII. Actions
- IX. Documents for Submittal to the Administrative Record
- X. Next Project Managers Meeting

PMM Status Summary – September 30, 2010

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.	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>Continued to use Permafix-Northwest</li> <li>Techniques used to retrieve Boxes 80 and 82 from 218-W-3A, Trench 17, could potentially be used to repack other large, CH boxes.</li> </ul>
<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	2010 submittal complete	<ul style="list-style-type: none"> <li>Ecology reviewing the 2010 PMP.</li> <li>TPA Change Package being drafted to add the scope of the M-016-93 CERCLA work plan to the PMP.</li> </ul>
<b>M-091-40:</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)  250 m <sup>3</sup> by 09/30/13 (target)  250 m <sup>3</sup> by 09/30/14	Behind schedule	<ul style="list-style-type: none"> <li>697 m<sup>3</sup> were retrieved as of 10/17/10. 66 m<sup>3</sup> were retrieved since 09/19/10.</li> <li>103 m<sup>3</sup> were removed from trenches but not declared retrieved as of 09/19/10.</li> <li>Removing RSW from 218-W-3A, Trenches 8 and 17.</li> <li>Next Generation Retrieval/Point-of-Generation Compliant Packaging:                             <ul style="list-style-type: none"> <li>Retrieval System: Equipment (e.g., real-time radiography, assay, and vent) calibration and</li> </ul> </li> </ul>

	<p>(target)</p> <p>1,250 m<sup>3</sup> by 09/30/15 (target)</p> <p>Complete – 09/30/16</p>		<p>testing continued. Preparations for readiness assessment started. Retrieval expected to start in 12/10.</p> <ul style="list-style-type: none"> <li>○ Processing System: Vendor proposals have been evaluated and a vendor selected.</li> <li>● There were no substrate sampling and analysis results for 07/10-09/10.</li> </ul>
<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>	<p>On Schedule</p>	<ul style="list-style-type: none"> <li>● Non-caisson RH retrieval being performed in conjunction with CH retrieval.</li> <li>● Continued removal of RH RSW from 218-W-3A, Trench 8.</li> <li>● 1 m<sup>3</sup> was retrieved as of 10/17/10. None has been retrieved since 09/19/10.</li> <li>● 32 m<sup>3</sup> were removed from trenches but not declared retrieved as of 10/17/10. 31 m<sup>3</sup> were removed as of 09/19/10.</li> </ul>
<p><b>M-091-42:</b> Treat small-container, contact handled MLLW</p>	<p>Complete treatment by 09/30/17</p>	<p>On schedule</p>	<ul style="list-style-type: none"> <li>● 8,198 m<sup>3</sup> were treated as of 10/15/10. 6 m<sup>3</sup> were treated since 09/17/10.</li> <li>● 8,260 m<sup>3</sup> were shipped as of 10/15/10. 23 m<sup>3</sup> were shipped since 9/17/10.</li> <li>● 43 m<sup>3</sup> were in SWOC storage as of 10/15/10.</li> <li>● Vendors have been selected to treat 25 m<sup>3</sup> of sodium was, previously a no-path-forward waste.</li> </ul>

<b>M-091-43:</b> Treat large-container MLLW and remote-handled MLLW	Complete treatment by 09/30/17	On schedule	<ul style="list-style-type: none"> <li>• 714 m<sup>3</sup> were treated as of 10/15/10. This volume includes both RH and large-package waste. 3 m<sup>3</sup> have been treated since 09/17/10.</li> <li>• 731 m<sup>3</sup> were shipped as of 09/17/10. None has been shipped since 08/20/10.</li> <li>• 90 m<sup>3</sup> were in SWOC storage as of 10/15/10.</li> </ul>
<b>M-091-44:</b> Certify and ship large-container TRUM waste and remote-handled TRUM waste	<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 09/30/18</p> <p>Submit change package proposing annual certification and shipping milestones to completion by 09/30/18</p>	On schedule	<ul style="list-style-type: none"> <li>• 109 m<sup>3</sup> have been repackaged at Permafix-Northwest as of 10/15/10. 70 m<sup>3</sup> has been repackaged since 09/17/10.</li> <li>• 119 m<sup>3</sup> were shipped to Permafix-Northwest for repackaging as of 10/15/10. 30 m<sup>3</sup> have been shipped since 09/17/10.</li> <li>• 22 m<sup>3</sup> of repackaged waste has been assayed as of 10/15/10. 20 m<sup>3</sup> have dropped out as MLLW.</li> <li>• 6,174 m<sup>3</sup> were in SWOC storage as of 09/21/10. No update since last PMM.</li> </ul>

	Complete certification and shipment by 12/31/30		
<b>M-091-46</b> Certify and ship small-container, contact-handled TRUM waste	<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> <p>Ship 1,000 m<sup>3</sup> by 09/30/11</p> <p>Complete shipment by 09/30/18</p>		<ul style="list-style-type: none"> <li>• 508 m<sup>3</sup> have been shipped to WIPP and Idaho as of 10/15/10. 41 m<sup>3</sup> have been shipped since 09/19/10.</li> <li>• 388 m<sup>3</sup> has been repackaged into a certifiable waste form as of 10/15/10. 17 m<sup>3</sup> have been repackaged since 09/19/10</li> <li>• 1,822 m<sup>3</sup> were in SWOC storage as of 09/21/10. No update since last PMM.</li> </ul>

**M91  
Project Managers Meeting  
825 Jadwin/Room 460  
Hanford, Washington**

**October 28, 2010**

**Attendance List**

Name	Organization	Phone Number
Brian Dixon	CHPRC - EP	
LINDA Petersen	CHPRC - FGG	
Dale Black	CHPRC - EP	376-0740
Todd Wilton Sr.	CHPRC - EP	376-4782
Tony McKarns	DOE	376-8981
Michael Collins	DOE	376 6536
Lee Tuohy	CHPRC	713-0065
PAUL W. MARTIN	CHARC	376-4620
Tony Miskch	CHPRC	376-7313
Deborah Singleton	Ecology	372-7923
Kathy Clouse	CHPRC	376-2377
Kathy Krux	Krux Reporting	946-5535