

Meeting Minutes Transmittal

M-91 Milestone  
Project Managers Meeting  
825 Jadwin/Room 340  
Richland, Washington  
February 25, 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: 4/29/2010

  
Project Manager Representative, RL Date: 10 June 2010

  
Project Manager Representative, CHPRC Date: 7/24/2010

- |                            |       |
|----------------------------|-------|
| M-91 Administrative Record | H6-08 |
| MS Collins                 | A6-38 |
| DL Flyckt                  | T4-10 |
| PW Martin                  | T4-52 |
| DG Singleton               | H0-57 |

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M.91.02 M.091.41 M.091.45  
M.091.01 M.091.42 M.091.43  
M.091.03 M.091.43  
M.091.40 M.091.44

## M-91 PROJECT MEETING MINUTES

Project Managers Meeting  
825 Jadwin/Room 340/700 Area  
Richland, Washington

February 25, 2010

### I. Approval of January 28, 2010 M-91 Project Meeting Minutes (Ecology/DOE-RL/CHPRC).

- A. The PMM minutes were approved.

### II. Status Report

#### A. TPA Milestone Update

The M-91 milestone status update was provided by Mike Collins (RL). (See attached PMM Status Summary – January 31, 2010). Under M-91-01, Mr. Collins reported that Box 82 in trench 17 has been taken apart. The box was extremely degraded, but the plastic containing the waste appears to be in good condition. Plans are to take the waste out next month and place it in new containers. Under M-91-03, Deborah Singleton (Ecology) agreed to the approach of incorporating the comments from the 06/30/09 version of the Project Management Plan (PMP) into the 06/30/10 version. Under M-91-40, Mr. Collins reported that all of the equipment for next generation retrieval has been procured. Ms. Singleton asked if a decision had been made about the regulatory path for processing. Mr. Collins responded that a discussion with Ecology within the next two weeks will be scheduled to discuss what is being proposed. Next generation processing is scheduled for the November/December 2010 time frame. An air permit for retrieval will be needed (Department of Health), but it is not believed that anything under RCRA provisions for retrieval is required. Mr. Collins inquired about the proposed approach for Phase III sampling in the 4C burial ground, and Ms. Singleton responded that the approach is acceptable and to proceed with sampling. Under M-91-41, Ms. Singleton inquired about the remote-handled (RH) non-caisson waste retrieval being performed in conjunction with the contact-handled (CH) waste retrieval. Mr. Collins explained that if a pin number is available on the waste package, the number is looked up in the Solid Waste Information Tracking System (SWITS) to determine if it was designated as RH. SWITS has identified about 70 cubic meters of RH interspersed within the CH waste. Also, the rad control technicians (RCT's) are constantly taking measurements, and if the dose rate gets too high, shielding and lead blankets are put in place. Under M-91-42, the Central Characterization Project (CCP) is ramping up, and WIPP-certified nondestructive assay (NDA) will be started within the next two weeks. That will be followed by

nondestructive examination (NDE) and head space gas sampling. Full certification mode for CCP is anticipated in the 2010 summer time frame. Three lines are running full time at T Plant, and repackaging is planned for restart at WRAP in the May 2010 time frame. Ms. Singleton requested a meeting in the next week to discuss the language for incorporating the use of the Permacon units in the permit.

Ms. Singleton stated that the completion date for M-91-45 negotiations was extended to the end of March. A workshop is scheduled today, and the intention is to complete the negotiations before the end of March 2010. Mr. Collins agreed to send Ms. Singleton the comments and discussion with EPA regarding M-16-93 and also information regarding the ERDF ROD amendment for disposition the three flammable waste storage units.

- B. Concerns Regarding Meeting Scheduled Milestone Completion Dates  
The M-91 status report covers milestone completion dates.
- C. SAP Implementation  
The Phase III sampling analysis plan (SAP) implementation in burial ground 4C was agreed to by Ecology today.

### III. General Discussions

- A. There were no topics for general discussion.

### IV. Status of Actions

- A. There were no actions to status.

### V. New Action Items

- A. There were no new actions generated.

### VI. Documents for Submittal to the Administrative Record

- A. There were no documents identified.

### VII. Next Project Managers Meeting - 10:00 a.m. March 25, 2010.

**M-91 PROJECT MEETING  
825 Jadwin/Room 340  
Hanford, Washington  
February 25, 2010**

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

**Agenda**

- I. Approval of January 28, 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**

February 25, 2010

**Attendance List**

Name	Organization	Phone Number
Cathy Clouse	CHPRC	376-2377
Kathy Knox	Knox Reporting	946-5535
Brian Dixon	CHPRC-EP	376-7053
LINDA Petersen	CHPRC/FGG	373-4200
Dale Black	CHPRC/TPA	376-0740
ANN W. MARTIN	CHPRC	376-6420
Joe Williams	CHPRC-EP	376-4782
Michael Collins	DOE	376-6536
TERRY MCKARNS	DOE	376-8981
ROSS PIERCE	MSTA	373-3285
Deborah Singleton	Ecology	372-7923
Kathy Conway	Ecology	372-7890
Julie Atwood	ME, EC - W&Fur	205-7653
Don Flyden	CHPRC	372-3142

PMM Status Summary – January 31, 2010

Milestone	Due Date(s)	Status Summary	Comments
<b>M-91-00:</b> Major Milestone for acquisition of needed facilities/capabilities for mixed and suspect mixed MLLW, and TRUM and suspect TRUM.	TBD		
<b>M-91-01:</b> Facility/Capability Interim Milestone (RH and/or large container TRUM)	TBD		<ul style="list-style-type: none"> <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). Same techniques could potentially be used to address CH, large boxes stored at CWC.</li> <li>• Evaluating options for sending large, low-gram packages of TRU waste to Permafrix-Northwest.</li> <li>• See M-91-41 regarding Alpha Caisson Retrieval/Packaging.</li> </ul>
<b>M-91-03:</b> Submit TRUM/MLLW PMP	Revision due annually by 06/30	06/30/09 PMP submission complete	<ul style="list-style-type: none"> <li>• Comments from Ecology on the 06/09 PMP were received 08/14/09. Due to higher priority work, Ecology agreed to extend the comment response time to 02/28/10.</li> </ul>
<b>M-91-40:</b> Retrieval and designation of CH-RSW (regardless of size)	9,950 m <sup>3</sup> cumulative by 09/30/09 (target)  10,700 m <sup>3</sup> cumulative by 09/30/10	09/30/09 target complete	<ul style="list-style-type: none"> <li>• 10,491 m<sup>3</sup> of RSW was retrieved as of 01/14/10. 0 m<sup>3</sup> were retrieved between 01/14/10 and 02/25/10</li> <li>• 17 m<sup>3</sup> is currently removed from trenches but not declared retrieved.</li> <li>• Dismantling of Box 82 in 218-W-3A, Trench 17 continues.</li> <li>• Next Generation Retrieval/Point-of-Generation Compliant Packaging: Phase I (waste retrieval) expected to start in 06/10. Procurement of equipment and services ongoing. Site</li> </ul>

	<p>(target)</p> <p>1,000 m<sup>3</sup> annually thereafter until complete (target)</p> <p>Complete - TBD</p>		<p>preparations at 218-E-12B continue. Phase II (waste processing) expected to start 11/10. Procurement specification for design-build contract in review for approval.</p> <ul style="list-style-type: none"> <li>• There were no substrate sampling and analysis results for 10/09-12/09.</li> </ul>
<p><b>M-91-41:</b> Retrieval and Designation of RH RSW (regardless of size)</p>	<p>Initiate retrieval – 01/01/11</p> <p>Complete non-caisson retrieval – 12/31/14</p> <p>Complete caisson retrieval – 12/31/18</p>	<p>On Schedule</p>	<ul style="list-style-type: none"> <li>• RH non-caisson retrieval being performed in conjunction with CH retrieval.</li> <li>• Alpha Caisson Retrieval/Point-of-Generation Compliant Packaging: The conceptual designs for Phase I (waste retrieval) and Phase II (waste processing) were approved.</li> </ul>
<p><b>M-91-42:</b> Treatment of non-large size CH-MLLW and certification of non-large size CH TRUM</p>	<p>Treat 7,600 m<sup>3</sup> cumulative of MLLW by 12/31/09 (target)</p> <p>Complete MLLW treatment -</p>	<p>12/31/09 MLLW treatment target complete</p> <p>09/30/09 TRU waste target complete</p>	<ul style="list-style-type: none"> <li>• 7,964 m<sup>3</sup> of the MLLW (MLLW-2 through MLLW-10 excluding MLLW-7) was treated as of 02/19/10. 71 m<sup>3</sup> was treated between 01/08/10 and 02/19/10.</li> <li>• 8,123 m<sup>3</sup> was shipped as of 02/19/10. 36 m<sup>3</sup> was shipped between 01/08/10 and 02/19/10.</li> <li>• The amount of M-91-42 MLLW (MLLW-2 through MLLW-10 excluding MLLW-7) in SWOC storage was 83 m<sup>3</sup> as of 02/19/10.</li> <li>• An LDR variance request for 50 g of beryllium powder and the</li> </ul>

	<p>TBD</p> <p>Certify 200 m<sup>3</sup> TRU waste by 09/30/09 (target)</p> <p>Certify 200 m<sup>3</sup> TRU waste by 09/30/10 (target)</p> <p>Outyear TRU waste certification milestones - TBD</p>		<p>vial in which it is in was submitted to Ecology on 02/17/10.</p> <ul style="list-style-type: none"> <li>• 187 m<sup>3</sup> of TRU/M has been prepared for shipment to Idaho as of 02/25/10. None was prepared between 01/27/10 and 02/25/10.</li> <li>• 446 m<sup>3</sup> of TRU/M waste is certified as of 02/25/10. None was certified between 01/27/10 and 02/25/10.</li> <li>• 614 m<sup>3</sup> of TRU/M has been packaged into a certifiable waste form as of 02/19/10. 40 m<sup>3</sup> was packaged into a certifiable between 01/14/10 and 02/19/10.</li> <li>• The volume of M-91-42 TRU/M stored in SWOC was 2,672 m<sup>3</sup> as of 01/31/10.</li> </ul>
<p><b>M-91-43:</b> Designation and treatment of RH and/or Large Size MLLW</p>	<p>Treat 300 m<sup>3</sup> additional by 06/10/10</p> <p>Treat at annual rate of 300 m<sup>3</sup> - TBD</p>	<p>06/10/10 interim complete</p>	<ul style="list-style-type: none"> <li>• Treated 662 m<sup>3</sup> of MLLW-07 since 12/31/02 as of 02/19/10. 1 m<sup>3</sup> was treated between 01/08/10 and 01/19/10. This volume includes both RH MLLW-07 and Large Size MLLW-07.</li> <li>• Shipped 693 m<sup>3</sup> of MLLW-07 for treatment since 12/31/02 as of 02/19/10. 22 m<sup>3</sup> was shipped between 01/08/10 and 02/19/10.</li> <li>• The volume of M-91-43 waste in storage in SWOC was 98 m<sup>3</sup> as of 02/19/10.</li> </ul>
<p><b>M-91-44:</b> Designation of Newly Generated and Stored RH and or Large Size Transuranic Waste and Large/RH TRUM certification</p>	<p>Begin certifying at an annual rate of 300 m<sup>3</sup> by 06/30/12 (target)</p>	<p>At Risk</p>	<ul style="list-style-type: none"> <li>• M-91-44 TRU/M in SWOC storage was 6,821 m<sup>3</sup> as of 01/31/10.</li> </ul>

<p><b>M-91-45:</b> Submit a change package to replace to-be-determined dates</p>	<p>02/28/10</p>	<p>On Schedule</p>	<ul style="list-style-type: none"> <li>• Completion date for M-91-45 negotiations extended from 12/31/09 to 02/28/10. The change package and tentative agreement have been drafted.</li> </ul>
<p><b>M-16-93:</b> Submit implementation work plan for acquisition of capabilities necessary to prepare TRU/M 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>• Work plan submitted 12/29/09. Expecting comments from EPA.</li> </ul>