

Meeting Minutes Transmittal

M-91  
Project Managers Meeting  
825 Jadwin/Room 340  
Hanford, Washington  
August 24, 2006

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 content only and are not intended to imply agreement to any commitments.

*M. Mandis* *for M. E. Singleton* Date: 9/28/06  
Project Manager, Ecology

*Greg S. Sinton* Date: 9/28/06  
Project Manager Representative, RL

*Bill* Date: 9/28/06  
Project Manager Representative, FH

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OCT 20 2006  
EDMC

M-91 Administrative Record      H6-08  
GL Sinton                              A6-38  
DG Singleton                         H0-57  
M Mandis                                H0-57  
KM Quigley                             H8-44

**M-91 PROJECT MEETING**  
**825 Jadwin/Room 340**  
**Hanford, Washington**  
**August 24, 2006**

**9:00 a.m. to 9:15 a.m.**

**Agenda**

- I. Approval of July 27, 2006 M-91 Project Meeting Minutes (Ecology/DOE-RL/FH)
- 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

## M-91 PROJECT MEETING MINUTES

Project Managers Meeting  
825 Jadwin/Room 340  
Hanford, Washington

August 24, 2006

- I. Approval of July 27, 2006 M-91 Project Meeting Minutes (Ecology/DOE-RL/FH). The PMM minutes were approved. A correction was made to the minutes by Greg Sinton (RL) regarding M-91-42 (see TPA milestone update below).
- II. Status Report
  - A. TPA Milestone Update  
Mr. Sinton distributed the M-91 milestone status summary and provided highlights. Mr. Sinton noted a correction to the numbers reported under M-91-42 in the July 27, 2006 M-91 status summary. The correct numbers should read, as of July 10, 2006, 1502 cubic meters of TRU/M shipped and 424 cubic meters certified but not shipped TRU/M.
  - B. Concerns regarding meeting scheduled milestone completion dates  
An update on M-91-40 will be provided to track the progress of drum retrieval in trench 4.
  - C. SAP Implementation  
All of the Sample Analysis Plans have been approved. The first four vent risers were sampled in trench 4B yesterday, and sampling continues.
- III. General Discussions
  - A. Mr. Sinton reported on an Ecology inspection done at PEcoS last spring. It was discovered that a drum from the retrievably stored mixed low-level waste area contained several vials. The material in the vials was analyzed and found to be non-dangerous waste. The liquid in the vials was used up in the sampling, and the drum and empty vials will be compacted, grouted and sent back to ERDF as part of the waste stream.
- IV. Status of Actions
  - A. 1583 - A meeting will be scheduled in October 2006.
  - B. 1584 - The group will be established during the October 2006 kick-off meeting identified in Task 1583.
- V. New Action Items
  - A. There were no new action items.
- VI. Documents for submittal to the Administrative Record
  - A. RL's letter notifying Ecology of completion of certification of 1800 cubic meters of TRU/M associated with M-91-42.
- VII. Next Project Managers Meeting
  - A. The next PMM was scheduled for September 28, 2006.

# Environmental Request Information System

## Task Status Report

Group by Facility

Filtered on: Status = Open; Category = PMM

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**M-91**

**Task ID: 1583** Schedule a joint kick-off meeting in support of M-91-01 and M-16-93

Task Lead: Sinton, Greg

Waste Stabilization and Disposition/M-91

POC: Sinton, Greg

Classification: Open

Category: PMM

	<b>Project</b>	<b>DOE</b>	<b>Agency</b>
Due:	N/A	N/A	N/A
Complete:	N/A	N/A	N/A
Closed Date:			

Description: Schedule a joint kick-off meeting in support of M-91-01 and M-16-93

<b>Date</b>	<b>Status</b>
8/24/2006	A meeting will be scheduled in October.
7/27/2006	Action opened.

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**Task ID: 1584** Establish a working group for revision of the M-91-03 Project Management Plan (PMP).

Task Lead: ,

Waste Stabilization and Disposition/M-91

POC: Sinton, Greg

Classification: Open

Category: PMM

	<b>Project</b>	<b>DOE</b>	<b>Agency</b>
Due:	N/A	N/A	N/A
Complete:	N/A	N/A	N/A
Closed Date:			

Description: Establish a working group for revision of the M-91-03 Project Management Plan (PMP).

<b>Date</b>	<b>Status</b>
8/24/2006	The group will be established during the October 2006 kick-off meeting identified in Task 1583.
7/27/2006	Action opened.

M-91 Status Summary 8/23/06

Milestone	Due Date(s)	Status Summary	Comments
<b>General Comments</b>			1) In this table "On-Schedule" means it is anticipated the milestone will be met.
<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	On Schedule	
<b>M-91-01:</b> Facility/Capability Interim Milestone (RH and/or large container TRUM)	6/30/12	On Schedule	Engineering Study and Functional Design Criteria to be completed by 9/30/06. Briefed Ecology staff on progress of "M-91 capability" design effort, 5/12/06.
<b>M-91-03:</b> Submit TRUM/MLLW PMP	12/31/03, 12/28/06 3/31/09, 3/31/13	On Schedule	M-91-03 PMP approved by Ecology on May 12, 2004.  The parties have agreed to change the 2006 PMP revision date from 8/10/06 to 12/28/06. This will allow incorporation of work and responses for several 9/30/06 deliverables to be more fully incorporated into the PMP. The Change Package making this change was signed July 6, 2006.
<b>M-91-05-T01:</b> Complete RH and or large TRUM retrieval/processing Engineering Study/FDC	12/31/07	On Schedule	Submitted the "Initial Engineering Study and Functions" document to Ecology 9/30/05. This is the first in a series of activities leading to Conceptual Design and FDC submittal planned for 12/31/07 (Conceptual design FDC will be for entire M-91 facility, not just RH/Large TRUM). The next submittal is

			scheduled for 9/30/06 (Engineering Study/ FDC)
<b>M-91-12:</b> CH-MLLW Thermal Treatment (600 m <sup>3</sup> cumulative)	11/16/07	On Schedule	As of August 10, 472 cubic meters of thermal treatment waste had been treated. Plan to send enough waste to Permafix and/or PEcoS this FY such that when it is treated M-91-12 will be met (three more shipments).
<b>M-91-12A:</b> CH-MLLW Thermal Treatment (240 m <sup>3</sup> )	9/30/05	COMPLETE Met 8-16-05	Completion letter (AMCP-0420) sent to Ecology 9/27/05
<b>M-91-15:</b> RH MLLW and/or Large Size MLLW Treatment	6/30/08	At Risk (Planning to propose a revision to the current scope based on M-91 facility design analysis)	<p>“COMPLETE ACQUISITION OF FACILITIES AND/OR CAPABILITIES AND INITIATE TREATMENT OF RH-MLLW AND CH MLLW IN BOXES AND LARGE CONTAINERS”</p> <ul style="list-style-type: none"> <li>• Initial engineering study that addresses this capability was completed 9/30/05 (See M-91-05-T01)</li> <li>• Planning to submit a change package within the next month proposing revision of this milestone based on initial M-91 facility planning to move the MLLW RH and some MLLW large size capability to the M-91 facility completion date.</li> </ul>
<b>M-91-40:</b> Retrieval and designation of CH-RSW (regardless of size)	4700 m <sup>3</sup> cumulative by 12/31/06 and annual retrieval volumes through 2010. Complete retrieval in T-4 by 12/31/06. Plus various other	On Schedule Met 2700 level in July 05	<ul style="list-style-type: none"> <li>• A change package to allow concurrent retrieval activities in multiple burial grounds was approved April 28. Briefing/tour held with Ecology staff May 23 to describe plans to start retrieval in additional burial grounds. Planning to start retrieval in W-4B this Fall while continuing with concurrent 4C retrieval. Plan to use the 4C staging area for both 4C and 4B waste.</li> <li>• The January-March quarterly report sent to Ecology May 31. The April-June report was sent July 21. No sampling was conducted in either quarter so no results are reported.</li> <li>• 218-W-3A SAP: All comments have been resolved. The SAP was approved by Ecology June 15, 2006.</li> <li>• 218-W-4B SAP: Approved by Ecology July 25, 2006. All</li> </ul>

	requirements		<p>four SAPs are now approved. 4B vent riser sampling planned to start August 23.</p> <ul style="list-style-type: none"> <li>• 4201 m<sup>3</sup> of RSW retrieved as of 8/23/06.</li> <li>• The Non-TRU fraction of PFP debris from retrieval is being sent to PEcoS for treatment prior to disposal at ERDF. Treatment has been proceeding well. 816 m<sup>3</sup> had been sent to PEcoS for treatment and 676 m<sup>3</sup> of that had subsequently been disposed of in ERDF through 8/10/06.</li> <li>• Have had some low production periods over Winter and Spring (weather/VOC issue), and summer (heat) but expect to recover schedule using backshift and some weekend shifts. Also plan to move large quantity of boxed waste to storage in August.</li> <li>• On target to complete retrieval in T-4 by 12/31/06</li> <li>• Have started mock-up V-Trench activities to prepare for 4B retrieval, now expected to start around December.</li> </ul>
<b>M-91-41:</b> Retrieval and Designation of RH RSW (regardless of size)	See comment column	On Schedule (Planning)	<ul style="list-style-type: none"> <li>• 1/1/11: Initiate retrieval of RH RSW</li> <li>• 12/31/14: Complete non-caisson RH RSW retrieval</li> <li>• 12/31/18: Complete 4B RH RSW retrieval</li> </ul>
<b>M-91-42:</b> Treatment of non-large size CH-MLLW and certification of non-large size CH TRUM	Annual treatment requirements through 12/31/09 (MLLW), 12/31/11 (TRUM)	On schedule For MLLW treatment, behind schedule for CH TRUM certification	<ul style="list-style-type: none"> <li>• 4883 m<sup>3</sup> of the MLLW subject to this milestone (MLLW-2 and MLLW-04 through MLLW-10 excluding MLLW-7) has been dispositioned as of 8/10/06. (4890 m<sup>3</sup> required by 12/31/06)</li> <li>• Shipped 1585 cubic meters of M-91-42 TRU/M and had accumulated a backlog of 394 cubic meters of certified but not shipped TRU/M bringing the total certified TRU/M counting toward M-91-42 to 1979 as of 8/15/06.</li> <li>• Working to increase certification rate through extra repackaging capabilities at T-Plant. Additional Permacon unit became available for repackaging in early June w/ completion of the NLOP sludge treatment.</li> </ul>

			<ul style="list-style-type: none"> <li>• Letter notifying Ecology of completion of certification of 1800 cubic meters of TRU(M) and actions taken to improve TRU(M) certification through-put was sent July 28, 2006.</li> <li>• Ecology TRUM Inspection outbrief August 22.</li> <li>• VIPAC waste stream has been approved which will allow the certification of approximately 140 cubic meters in the relatively near term.</li> </ul>
<b>M-91-43:</b> Designation and treatment of RH and or Large Size MLLW	See Comment Column	On Schedule (Planning to propose a revision to current scope)	<ul style="list-style-type: none"> <li>• 12/31/08: Complete designation of RH MLLW and or Large Size MLLW in storage.</li> <li>• 6/30/08: Begin RH and or large size MLLW treatment at rate of 300 cubic meters per year</li> <li>• Treated 193 m<sup>3</sup> of MLLW-07 since 12/31/02.</li> <li>• Modifications and clarifications to M-91-43 being proposed in M-91 change package.</li> <li>• Investigating PEcoS capability to process containers larger than 10 cubic meters (up to as high as 35 cubic meters)</li> </ul>
<b>M-91-44:</b> Designation of Newly Generated and Stored RH and or Large Size Transuranic Waste and Large/RH TRUM certification	See Comment Column	On Schedule (Planning)	<ul style="list-style-type: none"> <li>• Designate all RH and large size Transuranic waste in storage by 12/31/12</li> <li>• Begin treating RH and/or large container TRUM at a minimum rate of 300 cubic meters per year by 6/30/2012</li> </ul>
<b>M-91-45:</b> RH and or Large Size Waste Annual Report	9/30/04 and annually thereafter	On Schedule	<ul style="list-style-type: none"> <li>• The 2005 report was submitted to Ecology 9/29/05 (Letter AMCP-0421)</li> </ul>
<b>M-16-93:</b> Submit implementation workplan for acquisition of capabilities necessary to prepare TRU/M waste generated by CERCLA	9/30/2006	On Schedule	<ul style="list-style-type: none"> <li>• Draft report in preparation</li> <li>• Joint EPA/Ecology briefing to be scheduled for early October</li> </ul>

clean-up actions at Hanford for disposal at WIPP			
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Fn: M-91 PMM Status table 8-23-06

