

## Meeting Minutes Transmittal

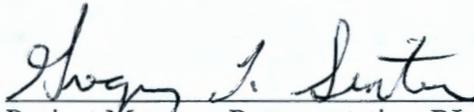
M-91

Project Managers Meeting  
 825 Jadwin/Room 340  
 Hanford, Washington  
 February 28, 2008

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.

  
 Project Manager, Ecology

Date: 4/24/08

  
 Project Manager Representative, RL

Date: 4/24/08

  
 Project Manager Representative, FH

Date: 4/24/08

**RECEIVED**  
 MAY 09 2008

**EDMC**

M-91 Administrative Record  
 GL Sinton  
 DG Singleton  
 M Mandis  
 KM Quigley

H6-08  
 A6-38  
 H0-57  
 H0-57  
 H8-44

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

February 28, 2008

- I. Approval of January 24, 2008 M-91 Project Meeting Minutes (Ecology/DOE-RL/FH). The PMM minutes were approved.
- II. Status Report
  - A. TPA Milestone Update  
The M-91 milestone status summary for 2/28/08 was provided by Greg Sinton (RL). Mr. Sinton noted that the first section under general comments was revised to reflect the M-91 change packages.
  - B. Concerns Regarding Meeting Scheduled Milestone Completion Dates  
The concerns are addressed in the M-91 status summary.
  - C. SAP Implementation  
Retrieval in 218-E-12B is being re-evaluated. The focus may be redirected to higher TRU concentration burial grounds.
- III. General Discussions
  - A. There were no topics for discussion.
- IV. Status of Actions
  - A. There were no actions to status.
- V. New Action Items
  - A. There were no new action items.
- VI. Documents for Submittal to the Administrative Record
  - A. There were no documents identified.
- VII. Next Project Managers Meeting
  - A. The next PMM was scheduled for March 27, 2008.

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

February 28, 2008

Attendance List

Name	Organization	Phone Number
Kathy Knox	Knox Court Reporting	946-5535
Kathy Clouse	FH	376-2377
Brian Dixon	FH/EP	376-7053
Paul W. Mauer	FH/EP	376-6620
Darin Faulk	FH/EP/WS	373-1611
Greg Smith	RL	373-7839
Jennifer Otero	ECP	372-7988
Michael Collins	DOE	376-6536
Steve Szendre	Ecology	372-7901
Kirk Peterson	FH/EP	372-2364
Ken Gungley	FH	376-7729
Tom Misch	FH	376-7373
Tony McArns	DOE	376-8981
GREG BERLIN	FH	376-2389
Brett M Barnes	FH/WS	521-3053

**M-91 PROJECT MEETING**  
**825 Jadwin/Room 340**  
**Hanford, Washington**  
**February 28, 2008**

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

**Agenda**

- I. Approval of January 24, 2008 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 Status Summary 2/28/08

Milestone	Due Date(s)	Status Summary	Comments
<b>General Comments</b>			<p>A. Status of M-91 Change Packages:</p> <ol style="list-style-type: none"> <li>1. M-91-07-01 Definitions CP: Approved change package received by RL January 18, 2008. Sent to FH for implementation 2/21/08 (AMCP-0106)</li> <li>2. M-91-08-01 FY08 budget impact MLLW CP: Draft in concurrence to be sent to Ecology by AMCP-0111.</li> <li>3. M-91-08-02 FY08 Budget Impact TRUM CP: Draft in concurrence to be sent to Ecology by AMCP-0111.</li> </ol> <p>Anticipate transmittal of AMCP-0111 will be within the next two weeks providing the change packages in unsigned draft form for discussion.</p> <p>B. In this table "On-Schedule" means it is anticipated the milestone will be met.</p>
<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	At Risk  The current understanding is that this	<ul style="list-style-type: none"> <li>• The CD-0 approval from DOE HQ has been obtained. We are proceeding with the alternatives analysis. An alternatives analysis study is expected to be completed by March 2008.</li> </ul>

<b>M-91-12:</b> CH-MLLW Thermal Treatment (600 m <sup>3</sup> cumulative)	11/16/07	Complete (6-14-07)	Documentation for completion of treatment of enough thermal treatment waste to meet the 600 cubic meters milestone was received from Permafix June 14, 2007, approximately five months before the milestone due date. Thermal treatment volumes above the 600 cubic meters are being applied to M-91-42 MLLW treatment requirements. A formal "completion notification" letter (08-AMCP-0062) was sent to Ecology December 10, 2007.
<b>M-91-12A:</b> CH-MLLW Thermal Treatment (240 m <sup>3</sup> )	9/30/05	Complete Met 8-16-05	Completion letter (05-AMCP-0420) sent to Ecology 9/27/05
<b>M-91-15:</b> RH MLLW and/or Large Size MLLW Treatment	6/30/08	On Schedule	<p>"COMPLETE ACQUISITION OF FACILITIES AND/OR CAPABILITIES AND INITIATE TREATMENT OF RH-MLLW AND CH MLLW IN LARGE CONTAINERS PER THE RATES STIPULATED IN M-91-43"</p> <ul style="list-style-type: none"> <li>• A shipment of 47 cubic meters of large containers was sent to Perma-Fix Northwest February 1, 2008.</li> <li>• A shipment of large containers and RH waste (shielded to CH levels) is scheduled for shipment to ES-Clive in late March.</li> <li>• After these shipments are completed the RH and large container capability will have been adequately demonstrated and an M-91-15 completion letter will be prepared.</li> </ul>
<b>M-91-40:</b> Retrieval and designation of CH-RSW (regardless of size)	9,700 m <sup>3</sup> cumulative by 12/31/08 and annual retrieval volumes through 2010. Complete	On Schedule  Met 7200 level in November 2007; Completed T-4 retrieval November 2006	<ul style="list-style-type: none"> <li>• Met the 12/31/07 milestone to retrieve 7200 m<sup>3</sup> on 11/27/07 (08-AMCP-0072).</li> <li>• 7,241 m<sup>3</sup> of RSW had been retrieved as of 2/26/08.</li> <li>• The July-September SAP quarterly report was sent to Ecology November 21, 2007 (no sampling results were received in that quarter).</li> <li>• Removed first drums from 4B/TV7 in October 2007.</li> <li>• "Step II" sampling (soil sampling in the bottom of and beneath the trenches) started October 9, 2007 in W-4C</li> </ul>

<b>M-91-42 (Continued):</b>			<p>2 cubic meters in January to 2371 cubic meters as of 1/31/08.</p> <ul style="list-style-type: none"> <li>• Now have 3 crews on 2 shifts at T Plant for repackaging (3<sup>rd</sup> crew partially for MLLW/LLW work). 4<sup>th</sup> crew is to be added in March 2008.</li> <li>• Repackaged 190 drums at T plant in January.</li> <li>• Repackaged 36 drums at WRAP in January.</li> <li>• Second shift at WRAP started the week of January 14, 2008. The primary focus of the second shift is NDE and NDA. .</li> </ul>
<b>M-91-43:</b> Designation and treatment of RH and or Large Size MLLW	See Comment Column	On Schedule	<ul style="list-style-type: none"> <li>• Treated 193 m<sup>3</sup> of MLLW-07 since 12/31/02.</li> <li>• M-91-43 waste in storage in SWOC decreased 52 cubic meters in January to 470m<sup>3</sup>.</li> <li>• A shipment of approximately 47 cubic meters occurred in February and another shipment is planned in late March. Subsequent to that a third shipment is planned to complete the 110 cubic meters planned for FY08 to meet the 6/30/09 requirement (300 cubic meters cumulative). It is currently anticipated that the treatment will be completed by September 30, 2008.</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	At Risk	<ul style="list-style-type: none"> <li>• Existing requirements include: a) Designate all RH and large size Transuranic waste in storage by 12/31/12. b)Begin treating RH and/or large container TRUM at a minimum rate of 300 cubic meters per year by 6/30/2012</li> <li>• 3337 cubic meters of M-91-44 TRUM was in SWOC storage as of the end of January 2008.</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>• 2007 report was mailed to Ecology 9/24/07 (07-AMCP-0293).</li> <li>• Ecology letter dated November 20, 2007, received</li> </ul>

<b>M-91-40 (Continued)</b>	retrieval in 4C T-4 by 12/31/06. Plus various other requirements		Trench 29. <ul style="list-style-type: none"> <li>The October-December SAP quarterly report should be to Ecology by the end of March.</li> <li>Re-evaluating the start of retrieval in E-12B. May focus on higher TRU concentration burial grounds.</li> <li>Started excavation in W-3A T17 9/16/07</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)	At Risk For MLLW: FY08 funding appropriation not adequate to meet milestone.  Behind TPA schedule for CH TRUM certification	<ul style="list-style-type: none"> <li>Met the MLLW 12/31/07 milestone (6520 cubic meters) December 20, 2007.</li> <li>6,589 m<sup>3</sup> of the MLLW subject to this milestone (MLLW-2 through MLLW-10 excluding MLLW-7) had been treated as of 2/21/08 (8150 m<sup>3</sup> or all backlog required by 12/31/08).</li> <li>49 cubic meters has also been sent to EnergySolutions-Clive for treatment and disposal.</li> <li>Two TPA Change Packages are being prepared to address the FY08 appropriation shortfall: M-91-08-01 addresses MLLW and M-91-08-02 addresses TRUM.</li> <li>The amount of M-91-42 waste in SWOC storage increased by 53 cubic meters in January to 713 m<sup>3</sup> as of 1/31/08.</li> <li>The MLLW dispute based on change package M-91-07-02 has been resolved by completion of the required treatment prior to the existing milestone date.</li> <li>Shipped 2624 cubic meters of M-91-42 TRU/M and had accumulated a backlog of 313 cubic meters of certified but not shipped TRU/M bringing the total certified TRU/M counting toward M-91-42 to 2,937 as of 2/21/08.</li> <li>The volume of M-91-42 TRUM stored in SWOC decreased</li> </ul>

<p><b>M-91-01 (Continued):</b></p>		<p>milestone will be considered met by achieving capabilities to treat RH/Large transuranic waste at the rates described in M-91-44. As with M-43 it may be desirable to allow early treatment of some of this waste to count toward the initial annual M-91-44 volume</p>	<ul style="list-style-type: none"> <li>• Engineering Study and Functional Design Criteria were delivered to EPA and Ecology 9/29/06 (06-AMCP-0311).</li> <li>• Briefed Ecology and EPA on the FDC/ES submittal on October 11, 2006.</li> <li>• Comments on the FDC/ES were received from Ecology on November 13, 2006, and responses were provided December 13, 2006.</li> <li>• Additional evaluation of alternatives to meet needed capabilities is ongoing and updated information was included in the August 2007 PMP update. Further updates will be included in the June 2008 PMP.</li> </ul>
<p><b>M-91-03:</b> Submit TRUM/MLLW PMP</p>	<p>12/31/03 (Complete), 12/28/06 (Complete) 6/30/08 and annually thereafter</p>	<p>On Schedule</p>	<p>The project manager level dispute was resolved and the August 2007 PMP (Rev 3) was approved by a February 13, 2008 letter from Ecology. The "potential future CERCLA TRU/TRUM waste" issue was resolved by agreement to include an appendix in future PMPs that will provide information on potential future CERCLA TRU/TRUM. A kick-off meeting with Ecology for preparation of the June 2008 PMP was held February 12 with a follow-up meeting covering assumptions on February 26. The tentative PMP preparation schedule assumes agreement between Ecology and RL on basic assumption by mid March.</p>
<p><b>M-91-05-T01:</b> Complete RH and or large TRUM retrieval/processing Engineering Study/FDC</p>	<p>12/31/07</p>	<p>Complete</p>	<p>Submitted FDC/ES 9/29/06 (06-AMCP-0311). This met the Target date a year early. Comments on the FDC/ES were received from Ecology on November 13, 2006, and responses were provided December 13, 2006 (AMCP-0060).</p>

			<p>November 26 and interpreted to be an approval letter. The letter also indicated some concerns about M-91-15 and M-91-43 (whether waste would be treated on the M-91-43 schedule). RL does not believe M-91-15 or M-91-43 are in jeopardy.</p> <ul style="list-style-type: none"> <li>• The M-91 PMP will be updated annually. In view of this, RL will likely propose that the M-91-45 annual report and milestone be eliminated, with the information required by that report being included and updated annually in the M-91 PMP.</li> </ul>
<p><b>M-16-93:</b> Submit implementation workplan for acquisition of capabilities necessary to prepare TRU/M waste generated by CERCLA clean-up actions at Hanford for disposal at WIPP.</p>	9/30/2006	<p>Complete</p> <p>Next revision is anticipated to occur in 2009.</p>	<ul style="list-style-type: none"> <li>• Report Delivered to EPA and Ecology 9/29/06 (06-AMCP-312)</li> <li>• Briefing to EPA and Ecology on workplan October 11, 2006</li> <li>• May want to consider elimination of M-16-93 report by incorporation of information in M-91 PMP.</li> </ul>

Fn: M-91 PMM Status table 2-28-08