

Meeting Minutes Transmittal

M-91

Project Managers Meeting  
825 Jadwin/Room 340  
Hanford, Washington  
August 23, 2007

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.

Kathy Conaway for Deborah Singleton Date: 9/27/2007  
Project Manager, Ecology

Gregory J. Sinton Date: 9/27/07  
Project Manager Representative, RL

Ken Quigley Date: 9/27/07  
Project Manager Representative, FH

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OCT 11 2007

EDMC

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

H-0-12

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

August 23, 2007

- I. Approval of July 26, 2007 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 was provided by Greg Sinton (RL). Mr. Sinton noted that the status report was not completely updated. A final status report will be e-mailed to the attendees and will be attached to the PMM minutes.
  - B. Concerns Regarding Meeting Scheduled Milestone Completion Dates  
The concerns are addressed in the M-91 status summary.
  - C. SAP Implementation  
The quarterly sampling report was sent to Ecology on August 14, 2007.
- III. General Discussions
  - A. Steve Szendre (Ecology) stated that during the T Plant inspection, Rhonda Connelly (FH) provided a briefing on the process of retrieving a drum from LLBG and how it proceeds through the Solid Waste Operating Complex (SWOC) complex. Ms. Connelly offered to provide the briefing to the Ecology permit writers, and a briefing will be set up.
  - B. Mr. Sinton referred to the graph and five questions submitted by Michelle Mandis (Ecology) during the July PMM, and noted that he provided a response via e-mail on July 27, 2007.
- 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 September 27, 2007.

**M-91 PROJECT MEETING**  
**825 Jadwin/Room 340**  
**Hanford, Washington**  
**August 23, 2007**

**9:15 a.m. to 9:45 a.m.**

**Agenda**

- I. Approval of July 26, 2007 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 8/23/07

Milestone	Due Date(s)	Status Summary	Comments
<p><b>General Comments</b></p>			<p>A. Status of Change Package M-91-07-01: Ecology management provided extensive comments on the change package on May 8. The change package was revised and tentative agreement was again reached in a meeting on July 5. The revised change package is currently in EPA, Ecology and DOE management review. A revised version is expected from Ecology soon that will propose changes based on Ecology/EPA discussions. Changes are expected to be minor.</p> <p>B. In this table "On-Schedule" means it is anticipated the milestone will be met.</p>
<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.</p>	<p>TBD</p>	<p>On Schedule</p>	<p>Draft change package M-91-07-01 includes clarifications and changes to definitions in M-91-00.</p>
<p><b>M-91-01:</b> Facility/Capability Interim Milestone (RH and/or large container TRUM)</p>	<p>6/30/12</p>	<p>At Risk</p> <p>The current understanding is that this milestone will be considered met by achieving</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> </ul>

		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	<ul style="list-style-type: none"><li>• Additional evaluation of alternatives to meet needed capabilities is ongoing and updated information will be included in the August PMP update.</li><li>• Preparing necessary documentation to gain approval for continuation of development of capabilities at T-Plant: The CD-0 package was formally sent to HQ for approval March 26, 2007. Final HQ approval had not been obtained as of August 23, but we are proceeding with the alternatives analysis. An alternatives analysis study is expected to be completed by March 2008.</li></ul>
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<p><b>M-91-03:</b> Submit TRUM/MLLW PMP</p>	<p>12/31/03 (COMPLETE), 12/28/06 (Submitted) 3/31/09, 3/31/13</p>	<p>On Schedule CP M-91-07-01 will delete the 3/09 and 3/13 submittals. These will be replaced by annual June submittals.</p>	<p>Ecology comments on the PMP were received February 8, 2007. Comment responses with a plan for updating the PMP were provided to Ecology March 12, 2007, in accordance with the schedule in Figure 9.1 of the TPA Action Plan. The plan proposed that the updated PMP addressing comments and revisions based on the change package currently being developed (M-91-07-01) will be submitted 90 days after a Tentative Agreement on change package M-91-07-01 is reached. Ecology responded April 24 indicating the revised PMP should be submitted August 30, 2007. Subsequent revisions are proposed annually in June of each year. The response did not address the M-91-07-01 Change Package tentative agreement which was important in consideration of the proposed timing of the PMP revision since the change package would establish critical information that would guide how the PMP should be updated. In order to meet the August PMP due date preparation of the PMP has continued based on an "assumed agreement" on the July 7, 2007 draft M-91-07-01 change package. Work on the PMP is ongoing but it is not yet in final concurrence. There is some possibility that the formal transmittal may occur a few days after August 30. The Ecology Project Manger will be notified if the formal transmittal will be delayed beyond August 30.</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><b>M-91-12:</b> CH-MLLW Thermal Treatment (600 m<sup>3</sup> cumulative)</p>	<p>11/16/07</p>	<p>Complete (6-14-07)</p>	<p>Documentation for completion of treatment of enough thermal treatment waste to meet the 600 cubic meters milestone was received from Permafrix June 14, 2007, approximately five months before the milestone due date. Thermal treatment</p>

			volumes above the 600 cubic meters are being applied to M-91-42 MLLW treatment requirements.
<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 BOXES AND LARGE CONTAINERS”</p> <ul style="list-style-type: none"> <li>Approval of the M-91-07-01 change package will clarify the requirements of this milestone</li> </ul>
<b>M-91-40:</b> Retrieval and designation of CH-RSW (regardless of size)	7200 m <sup>3</sup> cumulative by 12/31/07 and annual retrieval volumes through 2010. Complete retrieval in T-4 by 12/31/06. Plus various other requirements	On Schedule Met 4700 level in November 2006	<ul style="list-style-type: none"> <li>Completed retrieval of 4C Trench 4 waste 11/21/06</li> <li>Completed retrieval of 4700 cubic meters 1 month early (11/30/06)</li> <li>The April - June SAP quarterly report was sent to Ecology August 14 (no sampling results were received in that quarter).</li> <li>“Step II” sampling (soil sampling in the bottom of and beneath the trenches) is scheduled to start in burial ground W-4C this Fall.</li> <li>6115 m<sup>3</sup> of RSW retrieved as of 8/20/07.</li> <li>Currently plan to start retrieval in E-12B around December, 2007.</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	Annual treatment requirements through	At Risk For MLLW : Contributing factors to this	<ul style="list-style-type: none"> <li>Met the MLLW 12/31/06 milestone (4890 cubic meters) 4 months early (Aug 29, 2006). Completion letter sent to Ecology October 27.</li> </ul>

size CH TRUM	12/31/09 (MLLW), 12/31/11 (TRUM)	status include: funding above the FY08 President's Budget level is needed ; PFNW CERCLA offsite shipments could be impacted by NOV in August.  Behind schedule for CH TRUM certification	<ul style="list-style-type: none"> <li>• 5477 m<sup>3</sup> of the MLLW subject to this milestone (MLLW-2 through MLLW-10 excluding MLLW-7) has been dispositioned as of 7/30/07 (6520 m<sup>3</sup> required by 12/31/07). Expect to have all waste needed to meet the 12/31/07 milestone shipped before the end of October unless impacted by the June 14 NOV to PEcoS (PFNW) which could result in loss of ability for that facility to receive "off-site" CERCLA waste.</li> <li>• Shipped 2353 cubic meters of M-91-42 TRU/M and had accumulated a backlog of 290 cubic meters of certified but not shipped TRU/M bringing the total certified TRU/M counting toward M-91-42 to 2643 as of 8/17/07.</li> <li>• A briefing w/Ecology on TRU certification rate improvements was held March 29, 2007 and a brief update was provided July 5.</li> <li>• Repackaged 85 55 gal drums into 112 55s in T-plant in July.</li> <li>• Started full time second shift at T-Plant in August.</li> <li>• Approximately 83% of the 12/31/02 TRUM backlog had been certified as of the start of August.</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>• Clarifications on how M-91-43 will be met are being proposed in change package M-91-07-01.</li> <li>• Pursuing PFNW capability to process containers larger than 10 cubic meters. Currently planning shipment of a large container to test/demonstrate the capability.</li> </ul>
<b>M-91-44:</b> Designation of Newly Generated and Stored RH and or Large Size Transuranic Waste and Large/RH TRUM	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> </ul>

certification			
<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>• 2006 report was delivered to Ecology 9/29/06 (06-AMCP-0314).</li> </ul>
<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.	9/30/2006	Complete	<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> </ul>

Fn: M-91 PMM Status table 8-23-07

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

August 23, 2007

Attendance List

Name	Organization	Phone Number
Brian Dixon	FH (EFS)	376-7053
Joel Williams Jr	FH/EP	376-4282
Brett M Barnes	FH/US	376-3640 521-3053
HC Boynton	FH/WRAP	372-0478
DE Faulk	FH/SWSD-EP	373-1611
Greg Sinton	RL	373-7939
Tom Mislcho	FH	376-7373
Kathy Conway	ECY	372-7890
Steve Szendre	ECY	372-7911
Jennifer Olen	Ecology	372-7988
Ken Gungley	FH	376-7779
Manuel Cortes	F66	376-6383
Michael Collins	<del>DOE</del>	376-6536
Kathy Knox	Knox Court Reporting	946-5535
Kathy Corona	FH-EP	376-2377