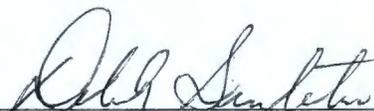
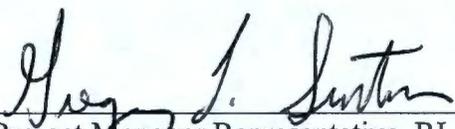


Meeting Minutes Transmittal

M-91  
Project Managers Meeting  
825 Jadwin/Room 340  
Hanford, Washington  
July 24, 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: 8/28/08

  
\_\_\_\_\_  
Project Manager Representative, RL Date: 8/28/08

  
\_\_\_\_\_  
Project Manager Representative, FH Date: 8/28/08

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

**RECEIVED**  
SEP 04 2008  
**EDMC**

**M-91 PROJECT MEETING  
825 Jadwin/Room 340  
Hanford, Washington  
July 24, 2008**

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

**Agenda**

- I. Approval of May 22, 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 PROJECT MEETING MINUTES

Project Managers Meeting  
825 Jadwin/Room 340  
Richland, Washington

July 24, 2008

- I. Approval of May 22, 2008 M-91 Project Meeting Minutes (Ecology/DOE-RL/FH). The PMM minutes were approved. The June 2008 PMM was canceled.
- II. Status Report
  - A. TPA Milestone Update  
The M-91 milestone status summary for 7/24/08 was provided by Greg Sinton (RL). Matt Mills (FH) provided a handout on the Waste Retrieval Project status as of July 2008.
  - B. Concerns Regarding Meeting Scheduled Milestone Completion Dates  
The concerns are addressed in the M-91 status summary.
  - C. SAP Implementation  
Greg Berlin (FH) stated that the 4C sampling is scheduled for completion in 2009. Initiation of sampling is dependent on removal of all the waste from the trenches. Michelle Mandis (Ecology) inquired about an action from the May 22, 2008 PMM to schedule a meeting in August 2008 to discuss the M-91 retrieval SAPs. Mr. Berlin will schedule a meeting the week of August 26, 2008. It was agreed to track the meeting as an action.
- 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. FH will schedule a meeting with Ecology the week of August 26, 2008 to discuss the M-91 retrieval SAPs.
- VI. Documents for Submittal to the Administrative Record
  - A. The M-91-03 2008 PMP (Rev 4) was submitted.
- VII. Next Project Managers Meeting
  - A. The next PMM was scheduled for August 28, 2008.

# Environmental Request Information System

## Task Status Report

Group by Facility

Filtered on: Status = Open; Category = PMM

M-91

**Task ID:** 1974 Schedule a meeting with Ecology the week of 8/26 to discuss the M-91 retrieval SAPs.

Task Lead: Berlin, Greg

Waste Stabilization and Disposition/M-91

POC: Berlin, Greg

Classification: Open

Category: PMM

	Project	DOE	Agency
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Due:	N/A	N/A	N/A
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Complete:	N/A	N/A	N/A
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Closed Date:			
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Description: Schedule a meeting with Ecology the week of 8/26 to discuss the M-91 retrieval SAPs.

Date	Status
7/24/2008	Task opened.

M-91 Status Summary 7/24/08

Milestone	Due Date(s)	Status Summary	Comments
<p><b>General Comments</b></p>			<p>A. Status of M-91 Change Packages:</p> <p>1. M-91-08-01: FY08 M-91-42 MLLW CP: Volume (7220 cubic meters) agreed upon. Ecology and RL staff revised to address AG concerns. Draft (pre-revision) included in June PMP submittal (Rev 4). This change package has been eliminated with the content consolidated into M-91-08-02 to avoid conflicting language in concurrent change packages.</p> <p>2. M-91-08-02: FY08 M-91-42 TRUM CP: Volume (600 cubic meters) agreed upon. Ecology and RL staff revised to address AG concerns. Draft (pre-revision) included in June PMP submittal (Rev 4). Now includes M-91-42 M-91-08-01 MLLW language also. Transmittal of the signed change package is now in RL concurrence but being held to allow AG review prior to signature.</p> <p>3. M-91-08-03: M-91-45 consolidation into PMP CP: Change package was approved by Ecology 6/25/08 (approval letter dated June 27).</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><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 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>• The CD-0 approval from DOE HQ has been obtained.</li> <li>• Additional discussion of proposed alternatives and methods to meet needed capabilities is included in the June 2008 PMP update.</li> <li>• A draft M-91 Project Alternatives Evaluation Study was completed in April to document the current state of alternatives analysis. Additional design work has been put on hold based on the lack of funding in the presidents budget for FY09, pending the FY09 appropriation.</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 2008 PMP (Rev 4) was delivered to Ecology June 30, 2008.</p>

<p><b>M-91-15:</b> RH MLLW and/or Large Size MLLW Treatment</p>	<p>6/30/08</p>	<p>Complete</p>	<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>• Treatment of both RH and large container MLLW has been adequately demonstrated at ES-Clive and Permafix to meet this milestone.</li> <li>• An M-91-15 completion letter is in RL concurrence (08-AMCP-0232).</li> </ul>
<p><b>M-91-40:</b> Retrieval and designation of CH-RSW (regardless of size)</p>	<p>9,700 m<sup>3</sup> cumulative by 12/31/08 and annual retrieval volumes through 2010. Complete retrieval in 4C T-4 by 12/31/06. Plus various other requirements</p>	<p>At Risk</p> <p>Met 7200 level in November 2007;</p> <p>Currently behind schedule in FY08, but a recovery plan is in place with a plan to recover to meet or exceed 9,200 m<sup>3</sup> by 9/30/08. FY09 appropriation may affect the ability to meet 12/31/08 and subsequent retrieval milestones.</p>	<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>• 8,210 m<sup>3</sup> of RSW had been retrieved as of 7/22/08.</li> <li>• Expect to have schedule recovered by around August.</li> <li>• The October-December SAP quarterly report sent to Ecology March 21, 2008 includes the initial “step II” sampling results.</li> <li>• No longer planning to start retrieval in E-12B this year: Stopped readiness activity.</li> <li>• Shipped repaired 4C T7 FRP Box 24 to CWC April 29, 2008. Shipped FRP box 23 to CWC May 23, 2008.</li> <li>• See retrieval ECO briefing</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)	<p>At Risk  For MLLW: FY08 funding appropriation not adequate to meet milestone.</p> <p>Behind TPA schedule for CH TRUM certification</p>	<ul style="list-style-type: none"> <li>• Met the MLLW 12/31/07 milestone (6520 cubic meters) December 20, 2007.</li> <li>• 6,710 m<sup>3</sup> of the MLLW subject to this milestone (MLLW-2 through MLLW-10 excluding MLLW-7) had been treated as of 6/30/08 (8150 m<sup>3</sup> or all backlog required by 12/31/08).</li> <li>• 7,128 cubic meters had been shipped as of 7/23/08.</li> <li>• TPA change package M-91-08-02 has been prepared to address 2008 M-91-42 MLLW and TRUM requirements.</li> <li>• The amount of M-91-42 MLLW in SWOC storage decreased 93 cubic meters in the last quarter to 648 m<sup>3</sup> as of 6/30/08.</li> <li>• Shipped 2888 cubic meters of M-91-42 TRU/M and had accumulated a backlog of 233 cubic meters of certified but not shipped TRU/M bringing the total certified TRU/M counting toward M-91-42 to 3,121 cubic meters as of 7/17/08.</li> <li>• The volume of M-91-42 TRUM stored in SWOC increased 43 cubic meters in the last quarter to 2,325 cubic meters as of 6/30/08.</li> <li>• Fourth T plant repackaging crew added in March: now have 2 crews on each of two shifts at T plant for repackaging (3<sup>rd</sup> crew partially for MLLW/LLW work).</li> <li>• Repackaged 507 drums at T-Plant in the April-June quarter.</li> <li>• Repackaged 206 drums at WRAP in the April-June quarter.</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>• A shipment of 47 cubic meters of large containers was sent to PFNW May 13 bringing the M-91-43 cumulative shipped total to 330 cubic meters. No more shipments are planned for FY08.</li> </ul>

<b>(M-91-43 continued)</b>			<ul style="list-style-type: none"> <li>• Treated 283 m<sup>3</sup> of MLLW-07 since 12/31/02 as of 7/23/08.</li> <li>• M-91-43 waste in storage in SWOC decreased 57 cubic meters in the last quarter to 403m<sup>3</sup>.</li> <li>• It is currently estimated that confirmation of treatment of the first 300 cubic meter M-91-43 increment will be obtained by 9/30/08, 9 months early.</li> <li>• Completion letter for designation of all above ground permitted storage M-91-43 waste is in concurrence (combined with M-91-15 completion letter)</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>• M-91-44 TRUM in SWOC storage increased 550 cubic meters in the last quarter to 3939 cubic meters.</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) and approved by an Ecology letter dated November 20, 2007.</li> <li>• Change Package M-91-08-03 incorporating this reporting requirement into the annual M-91 PMP submittal was approved June 25, 2008. The M-91-45 information will be consolidated into the June 2009 and subsequent PMP submittals.</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	9/30/2006	Complete  Next revision is anticipated to occur in 2009.	<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. The M-16-93 update could be included in the June 2009 PMP submittal instead of a separate 12/31/09 M-16-93 submittal.</li> </ul>

WIPP.			
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Fn: M-91 PMM Status table 7-24-08



# Waste Retrieval Project Status

Fluor Hanford

July 2008

# Milestone Update

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- Met M-9I retrieval milestone for 4<sup>th</sup> year in a row
  - 8,167 m<sup>3</sup> retrieved as of 6/30/2008
- 20,000<sup>th</sup> drum retrieved on June 26, 2008



# 4C T7 – 2 FRP Boxes

- Structurally weakened
- Special lifting plates used to handle large boxes.
- Stabilized and covered
- Shoring installed to restore structural integrity.
- Transferred to CWC on 4/29/2008 and 5/23/2008.



# 4C T7 – Large Concrete Box

- Weighs 83,000 lbs
- Lifting approach developed; requires removing end of sled to fit into IP-1.
- Requires large crane to handle weight
- Will be placed in Top Hat IP-1 to transfer to CWC
  - Top Hat IP-1 to be reanalyzed for this large payload
- Anticipate transferring to CWC in August 2008
- Successful retrieval is anticipated



# 218-W-4B T-V7

- Drums retrieved from two of the four sections
- Drum retrieval to start late July for the remaining two sections



# 218-W-4B T7

- 22 Boxes
- Adjacent drums removed to allow access to boxes
- Retrieval scheduled for August 2008
- Successful retrieval is anticipated



# 218-W-3A

- 12 boxes removed in June
- 3 boxes found with damage; expect successful retrieval using 218-W-4C box repair method
- The next twenty boxes uncovered have no apparent damage
- Retrieval to continue through the end of the project
- Based on box condition knowledge to-date, we anticipate successful retrieval



# Upcoming Challenges

- Drum conditions degrading
  - Older containers with integrity issues
  - Ongoing re-evaluation of safety basis to ensure nuclear controls are adequate for safe retrieval



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

July 24, 2008

Attendance List

Name	Organization	Phone Number
PAUL W. MARTIN	FH BA	376-6420
Kathy Knox	Knox Court Reporting	946-5535
Dalene Staggel	AT / EA	373-0431
Greg Sinton	RL	373-7939
John Wiley	FH/EP	376-4762
Michael Collins	DOE	376-6536
K. GIIPPO	FH	373-3285
Michelle Mandis	EMJ	2-7970
Ken Gwigley	FHA	376-7779
Carl [Signature]	FH	376-2389
Tony McKARNS	DOE	376-8981
Matt Mills	Dolstar / FH	373-1611
Deborah Singleton	Ecy	372-7923
Jennifer Ollero	Ecy	372-7988
Tony Mischen	FH	6-7313
Brett M Barnes	FH	376-3640