

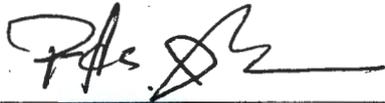
## Meeting Minutes Transmittal

M-91  
 Project Managers Meeting  
 825 Jadwin/Room 590A  
 Hanford, Washington  
 March 18, 2004

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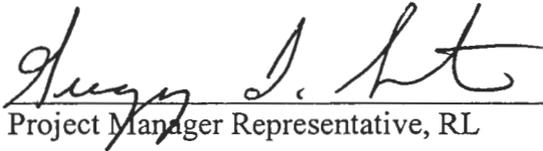
EDMC

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.



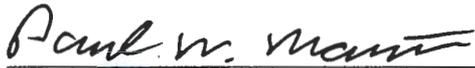
Project Manager, Ecology

Date: 04-22-04



Project Manager Representative, RL

Date: 4/22/04



Project Manager Representative, FH WMP

Date: 4/22/04

M-91 Administrative Record	H6-08
GL Sinton	A6-38
FC Jamison	B5-18
AA Hamar	B5-18
LL Fritz	H8-44

**M-91 PROJECT MEETING  
825 Jadwin/Room 590A  
Hanford, Washington  
March 18, 2004**

**9:30 a.m. to 10:00 a.m.**

**Agenda**

- I. Approval of January 22, 2004 M-91 Project Meeting Minutes (Ecology/DOE-RL/FH)
- II. Status Report
- III. General Discussions
- IV. Status of Actions
- V. New Action Items
- VI. Next Project Managers Meeting

## M-91 PROJECT MEETING MINUTES

Project Managers Meeting  
825 Jadwin/Room 590A  
Hanford, Washington

March 18, 2004

- I. Approval of the January 22, 2004 M-91 Project Meeting Minutes Ecology/DOE-RL/FH)
- II. Status Report
  - A. Greg Sinton (DOE-RL) presented the status summary report (attached).
- III. General Discussions
  - A. Lori Fritz (FH) discussed a Waste Activity Reporting system under development by FH and presented a draft reporting criteria. Data will be updated on a monthly basis and placed on a share drive for reporting. Ms Fritz indicated that CH2M Hill and BHI waste would not be included. Greg Sinton added that waste from these contractors could be extracted from the LDR report at the end of the year.
  - B. Greg Sinton reported that at the last IAMIT meeting, Nick Ceto (EPA) requested that M-16-93 be added to the M-91 updates.
- IV. Status of Actions
  - A. No action items to report.
- V. New Action Items
  - A. There were no new action items.
- VI. Next Project Managers Meeting
  - A. The next Project Managers meeting is scheduled for April 22, 2004

M-91 Status Summary 3/18/04

Milestone	Due Date(s)	Status Summary	Comments
<b>General Comments</b>			<p>1) In this current table "On-Schedule" means it is anticipated the proposed settlement change request milestone will be met. At present the baseline is being revised to realign the scope/schedule to match the settlement change request.</p> <p>2) M-91 requirements are extensive and continue well out into the future. This status table will generally only cover items due within about the next four years. A separate "Outyear table" identifies the other M-91 milestones, and the related M-16-93 milestone.</p>
<b>M-91-03:</b> Submit TRUM/MLLW PMP	12/31/03, 3/31/09, 3/31/13	On Schedule	<ul style="list-style-type: none"> <li>• PMP submitted to Ecology for review on time (12/31/03).</li> <li>• Comments received from Ecology on February 5.</li> <li>• RL requested an extension to March 30 for preparation and submittal of a revised PMP addressing the Ecology comments.</li> </ul>
<b>M-91-05-T01:</b> Complete RH and or large TRUM retrieval Engineering Study/FDC	12/31/07	On Schedule (planning)	
<b>M-91-12:</b> CH-MLLW Thermal Treatment (600 m <sup>3</sup> cumulative)	12/31/05	Treatment capacity it not currently available to meet this milestone	<ul style="list-style-type: none"> <li>• PMP is being revised to show the existing milestone dates for thermal treatment in response to Ecology comments</li> <li>• Plan to issue RFP for additional capacity Spring 2004</li> <li>• After responses are received from the RFP the thermal treatment schedule will be re-evaluated based on all existing information. It is likely that a TPA Change request will be prepared proposing an alternative schedule.</li> <li>• 45 m<sup>3</sup> of CH-MLLW have been thermally treated as of the end of February that will count toward this milestone.</li> </ul>

<b>M-91-12A:</b> CH-MLLW Thermal Treatment (240 m <sup>3</sup> )	12/31/04	See M-91-12	<ul style="list-style-type: none"> <li>• See M-91-12 comment</li> </ul>
<b>M-91-40:</b> Retrieval and designation of CH-RSW (regardless of size)	1200 m <sup>3</sup> retrieved by 12/31/04 and annual retrieval volumes through 2010 plus various other requirements	Behind Schedule (but expected to recover)	<ul style="list-style-type: none"> <li>• Retrieval rate increasing</li> <li>• Plan to add extra shift to increase rate further</li> <li>• Initiated retrieval in 218-4C 10/17/03 (required by 11/15/03)</li> <li>• Initiated trench sampling in accordance with approved SAP 10/15/03: First SAP quarterly report submitted to Ecology 3/__/04.</li> <li>• Started vapor extraction in T-4 11/11/03 (required by 11/15/03): Carbon Tetrachloride level now below 10ppm.</li> <li>• 143 m<sup>3</sup> (686 drums) of RSW retrieved as of 3/15/04 (1200 cubic meters required by 12/31/04)</li> </ul> <p>Retrieval started in trench 4 1/12/04 (due 1/15/04).</p>
<b>M-91-42:</b> Treatment of non-large size CH-MLLW	Annual treatment requirements through 12/31/09	On Schedule (or ahead of schedule)	<ul style="list-style-type: none"> <li>• 1955 m<sup>3</sup> of the MLLW subject to this milestone (MLLW-2 through MLLW-10 excluding MLLW-7) has been dispositioned as for the end of February. (1630 m<sup>3</sup> required by 12/31/04)</li> <li>• Note: The M-91-42 progress quantity indicated above currently only includes waste dispositioned by FH. The actual progress numbers may be slightly higher due to waste subject to the milestone treated by other contractors.</li> <li>• Ahead of schedule due to successful 183-H project. Through the end of February 910 m<sup>3</sup> of 183-H waste had been disposed at ERDF that counts toward this milestone, as well as an additional 840 m<sup>3</sup> that do not count toward the milestone.</li> <li>• The quantities in this milestone are based on the 2002 LDR report. Therefore, the cumulative volumes toward meeting this milestone are based on a start date of 12/31/02 (LDR report inventory date).</li> <li>• The waste tracking system should be available to Ecology, probably on a share-drive, by next month.</li> </ul>

M-91-45: RH and or Large Size Waste Annual Progress Report	9/30/04 and annually thereafter	On Schedule	<ul style="list-style-type: none"><li>• First report was submitted 9/30/03 (was an Administrative Order requirement)</li></ul>
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Fn: M-91 PMM Status table3-18R0

M-91 Out-year Milestone Status Summary 3/18/04

Milestone	Due Date(s)	Status Summary	Comments
<b>General Comments</b>			1) This table is intended to identify the M-91 milestones that are not covered in the more detailed near term M-91 Status Summary Table. These milestones are generally those with due dates four or more years in the future.
<b>M-91-00:</b> Major Milestone for acquisition of needed facilities/capabilities for mixed and suspect MLLW, and TRUM and suspect TRUM.	TBD	On Schedule (planning)	
<b>M-91-01:</b> Facility/Capability Interim Milestone (RH and/or large container TRUM)	6/30/12	On Schedule (planning)	
<b>M-91-15:</b> RH MLLW and/or Large Size MLLW Treatment	6/30/08	On Schedule (Planning)	"COMPLETE ACQUISITION OF FACILITIES AND/OR CAPABILITIES AND INITIATE TREATMENT OF RH-MLLW AND CH MLLW IN BOXES AND LARGE CONTAINERS"
<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-91-43:</b> Designation and treatment of RH and or Large Size MLLW	See Comment Column	On Schedule (Planning)	<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> </ul>

<b>M-91-44:</b> Designation of Newly Generated and Stored RH and or Large Size Transuranic Waste	See Comment Column	On Schedule (Planning)	<ul style="list-style-type: none"> <li>Designate all RH and or large size transuranic waste in storage by 12/31/12</li> </ul>
<b>M-16-93:</b> Submit implementation workplan for acquisition of capabilities necessary to prepare TRU/M waste generated by CERCLA cleanup actions at Hanford for disposal at WIPP	9/30/2006	On Schedule (Planning)	<ul style="list-style-type: none"> <li>The date of this milestone seems somewhat early. It may be better to align it with the M-15-00 12/31/08 complete RI/FS for all operable units milestone.</li> </ul>

Fn: M-91 PMM Status Table Outyears3-18R0

## Waste Activity Reporting Criteria

Waste activity reporting will occur on a monthly basis for each calendar year. The reporting data will be updated by the end of the fifth business day following the end of each calendar month. Validation of the annual data will occur after the end of each calendar year.

- 1. TRU Retrieval** – The volume in cubic meters of waste transferred from the LLBG to any compliant TSD facility. Data is derived from the WRP (Waste Retrieval Project) Production Summary provided by the Waste Retrieval Project. The basis for the start date for tracking start date is the official start of the Retrieval Project in October of CY2003.
- 2. TRU Waste Shipped to WIPP** – Volume in cubic meters of TRU waste shipped to WIPP. The data is derived from the “WIPP Shipments” spreadsheet listing the TRU shipments to WIPP by date, drums and volume provided by the TRU Program. The tracking start date is January of CY2003 to coincide with the draft M-91 change package date of 12-31-02.
- 3. Newly Generated MLLW and TRU for storage** – The volume in cubic meters of newly generated TRU and newly generated MLLW that is accepted into storage in Waste Disposal TSDs. The data will be provided by ad hoc reports from the SWITS database. The tracking start date is January of CY2003 to coincide with the draft M-91 change package date of 12-31-02.
- 4. Off Site MLLW and TRU received for storage** – The volume in cubic meters of MLLW and TRU received for interim storage from off site waste generators. The data is provided by ad hoc reports from the SWITS database. The tracking start date is upon issuance of the Solid Waste EIS RODs
- 5. The volume of on site and off site MLLW disposed in the MW trenches or ERDF** – The volume in cubic meters of on site and off site MLLW disposed in the MW trenches or on site MLLW disposed in ERDF from on site and off site waste generators. This disposal volume represents the volume of the waste packages after treatment, so it reflects the change in volume that occurs during the treatment process. This data is limited to MLLW from inventory and treated to meet LDR requirements, direct disposal of waste from inventory, and newly generated LDR compliant mixed waste from waste generators. The data is provided by the POC for the MLLW Treatment Project. The disposal volume includes MLLW that is treated by generator (or commercial facility) prior to acceptance for disposal. The tracking start date for on site MLLW is January of CY2003 to coincide with the draft M-91 change package date of 12-31-02. The tracking start date for off site MLLW waste is upon issuance of the Solid Waste EIS RODs.

6. **Volume of MLLW treated** – The pre-treatment volume treated in cubic meters of MLLW for sets of treatability groups MLLW-02 through 10 that are applicable to TPA Milestones M-91-12, 12A, 42 and 43. The data is provided by the POC for the MLLW Treatment Project. The treatment volumes include waste that the generator has treated to meet LDR requirements and is based upon the pre-treatment treatability group. For example, if CHG forecasted waste in treatability group MLLW-04 that was sent for commercial treatment and then is shipped to the MW Trenches for disposal as treatability group MLLW-01, it is counted towards treatment of MLLW-04. The tracking start date is January of CY2003 to coincide with the draft M-91 change package date of 12-31-02.
7. **Stored MLLW and TRU** – The inventory of MLLW and TRU stored in permitted TSD facilities (T-Plant, CWC, MW Trench 31 and WRAP) in cubic meters. The TRU volumes also include the RH-TRU waste from the Battelle Columbus Laboratory stored below grade in the LLBG. The data is provided by ad hoc reports from the SWITS database. The tracking start date for MLLW is January of CY2003 to coincide with the draft M-91 change package date of 12-31-02. The tracking start date for TRU waste is upon issuance of the Solid Waste EIS RODs.

DRAFT

*PRELIMINARY DRAFT*

**WASTE ACTIVITY REPORTING**

**CALENDAR YEAR 2003**

Data Updated: 3-17-04

1) TRU Retrieval (m3) Waste moved from LLBG to any compliant TSD facility.

		CY 2003			2003
		October	November	December	Total
Suspect TRU		5.8	7.2	4.0	17.0

2) TRU Waste Shipped to WIPP (m3)

		CY 2003											2003	
		January	February	March	April	May	June	July	August	September	October	November	December	Total
TRU Volume (m3)		0.0	8.4	0.0	25.2	50.2	44.8	28.0	48.8	24.4	25.8	9.8	36.4	301.8

3) Newly Generated MLLW and TRU for storage (m3) Waste received at WD TSD facilities.

		CY 2003											2003	
		January	February	March	April	May	June	July	August	September	October	November	December	Total
N.G. TRU		8.8	22.2	42.2	39.7	13.5	11.7	12.5	26.8	33.3	32.0	49.4	62.1	354.2
N.G. MLLW		16.2	31.0	20.7	22.4	44.0	43.7	48.7	45.9	54.1	1.0	1.8	0.5	330.0

4) Off site MLLW and TRU (m3) received for storage.

Note: The tracking for this criteria begins after issuance of the SW EIS RODs.

*PRELIMINARY DRAFT*

5) Volume of on site and off site MLLW (m3) disposed in MW trenches or ERDF.

	CY 2003												2003 Total
	January	February	March	April	May	June	July	August	September	October	November	December	
On site MLLW	70.0	70.0	92.2	141.5	70.0	183.7	341.6	453.0	349.9	251.0	209.0	236.3	2,468.2

6) Volume of MLLW (m3) treated.

	CY 2003												2003 Total	Prior Years	CUM Total
	January	February	March	April	May	June	July	August	September	October	November	December			
M-91-42 MLLW-02, 04-06, 08-10 MLLW-03	93.0	85.0	97.0	144.0	72.0	152.0	80.0	69.0	248.0	253.0	222.0	170.5	1,685.5	0	1,685.5
M-91-12 & 12A MLLW-03, 618-4 DU/Oil Drums	0	0	0	0	0	0	0	0	0	0	0	15.4	15.4	29.6	45.0
M-91-43 MLLW-07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

7) Stored MLLW and TRU (m3)      Stored in permitted TSD facilities (T-Plant, CWC, MW Trench 31, WRAP).  
 Note: The RH-TRU from Battelle Columbus stored in the LLBG is also included.

	CY 2003											
	January	February	March	April	May	June	July	August	September	October	November	December
MLLW TRU	6,945	6,854	6,763	6,634	6,564	6,390	6,052	5,599	5,280	5,029	4,820	4,585





