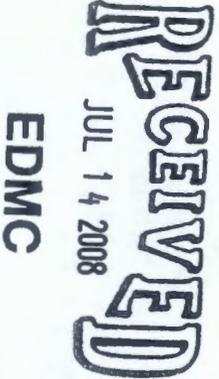


M-91 Status Summary 6/30/08

Milestone	Due Date(s)	Status Summary	Comments
<p><b>General Comments</b></p> 			<p>A. Status of M-91 Change Packages:</p> <ol style="list-style-type: none"> <li>1. M-91-08-01: FY08 budget impact 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).</li> <li>2. M-91-08-02: FY08 Budget Impact 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). RL will probably consolidate M-91-08-01 and M-91-08-02 into a single change package.</li> <li>3. M-91-08-03: M-91-45 consolidation into PMP CP: Change package was approved by Ecology 6/25/08. Letter to follow.</li> </ol> <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>On Schedule (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 preparation.</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 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>• 8,167 m<sup>3</sup> of RSW had been retrieved as of 6/30/08.</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> </ul>
<p><b>M-91-41:</b> Retrieval and Designation of RH RSW (regardless of size)</p>	<p>See comment column</p>	<p>On Schedule (Planning)</p>	<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>

<p><b>M-91-42:</b> Treatment of non-large size CH-MLLW and certification of non-large size CH TRUM</p>	<p>Annual treatment requirements through 12/31/09 (MLLW), 12/31/11 (TRUM)</p>	<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>• 6997 cubic meters had been shipped as of 6/30/08.</li> <li>• Two TPA Change Packages have been prepared to address the FY08 appropriation shortfall: M-91-08-01 addresses MLLW and M-91-08-02 addresses TRUM. These are being revised and combined.</li> <li>• The amount of M-91-42 MLLW in SWOC storage increased 32 cubic meters in May to 696 m<sup>3</sup> as of 5/30/08.</li> <li>• Shipped 2848 cubic meters of M-91-42 TRU/M and had accumulated a backlog of 249 cubic meters of certified but not shipped TRU/M bringing the total certified TRU/M counting toward M-91-42 to 3,097 cubic meters as of 6/30/08.</li> <li>• The volume of M-91-42 TRUM stored in SWOC increased 48 cubic meters in May to 2,304 cubic meters as of 5/30/08.</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> </ul>
<p><b>M-91-43:</b> Designation and treatment of RH and or Large Size MLLW</p>	<p>See Comment Column</p>	<p>On Schedule</p>	<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.</li> <li>• Treated 263 m<sup>3</sup> of MLLW-07 since 12/31/02.</li> <li>• M-91-43 waste in storage in SWOC decreased 37 cubic meters in May to 403 m<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> </ul>

<p><b>M-91-44:</b> Designation of Newly Generated and Stored RH and or Large Size Transuranic Waste and Large/RH TRUM certification</p>	<p>See Comment Column</p>	<p>At Risk</p>	<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 162 cubic meters in April to 3551 cubic meters.</li> </ul>
<p><b>M-91-45:</b> RH and or Large Size Waste Annual Report</p>	<p>9/30/04 and annually thereafter</p>	<p>On Schedule</p>	<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 26, 2008. The M-91-45 information will be consolidated into the June 2009 and subsequent PMP submittals.</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>	<p>9/30/2006</p>	<p>Complete  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. 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>

Fn: M-91 PMM Status table 6-30-08

## Cook, Sylvia V

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**From:** Cook, Sylvia V  
**Sent:** Monday, July 07, 2008 1:48 PM  
**To:** Hagel, Darlene L  
**Subject:** RE: ADMINISTRATIVE RECORD DOCUMENT

Darlene,

Since I know where it came from and who authorizes it to go into the Administrative Record, I can add it.

Thanks,  
Sylvia

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**From:** Hagel, Darlene L  
**Sent:** Monday, July 07, 2008 1:13 PM  
**To:** Cook, Sylvia V  
**Cc:** Martin, Paul W - FH  
**Subject:** RE: ADMINISTRATIVE RECORD DOCUMENT

Sylvia,

That would be me. Greg Sinton at RL wanted the status report entered into the AR even though they did not have a project meeting last month, so no signatures, etc. What else do you need?

*Darlene Hagel*  
*FH Environmental Protection*  
373-0431

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**From:** Martin, Paul W - FH  
**Sent:** Monday, July 07, 2008 1:08 PM  
**To:** Cook, Sylvia V  
**Cc:** Hagel, Darlene L  
**Subject:** RE: ADMINISTRATIVE RECORD DOCUMENT  
**Importance:** High

I didn't send them but I think Darlene did.

Darlene,

Can you help Sylvia?

**Paul W. Martin**  
**Environmental Compliance Officer**  
**T Plant Complex**  
**Phone (509) 376-6620 / Cell 531-4489 / Fax 373-1539**  
**Paul W Martin@RL.Gov**

**From:** Cook, Sylvia V  
**Sent:** Monday, July 07, 2008 1:00 PM  
**To:** Martin, Paul W - FH  
**Subject:** ADMINISTRATIVE RECORD DOCUMENT

Paul,

At the Administrative Record office, we received a stack of meeting minutes for WRAP, CWC, LLBG, T-Plant, etc. Also included in that package was a table with the heading M-91 Status Summary. Were you the one who sent these documents to me? The reason I'm asking is that the M-91 table doesn't have a cover letter, any signatures, or distribution sheet identifying that it is an administrative record. As it stands now, I need to return it to someone, so I'm looking for an owner???

Sylvia Cook  
376-2530  
Administrative Record