

Meeting Minutes Transmittal

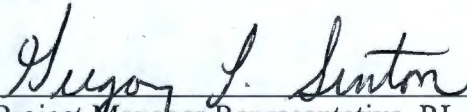
M-91

Project Managers Meeting
825 Jadwin/Room 340
Hanford, Washington
January 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: 2/28/08


Project Manager Representative, RL

Date: 2/28/08


Project Manager Representative, FH

Date: 2/28/08

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

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

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EDMC

M-91 PROJECT MEETING MINUTES

Project Managers Meeting
825 Jadwin/Room 340/700 Area
Richland, Washington

January 24, 2008

- I. Approval of November 29, 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). Regarding Milestone M-91-03, Mr. Sinton handed out an extension form to Ecology which would extend the PMP (Rev 3) dispute process from January 31, 2008 to February 14, 2008. RL has provided Ecology with a draft letter addressing the PMP dispute. The formal dispute resolution letters from RL to Ecology and Ecology's response are anticipated to be completed and sent before the February 14, 2008 extension deadline. Mr. Sinton suggested scheduling a kick-off meeting with Ecology to discuss the schedule for submitting the final PMP in June 2008. A meeting was scheduled for February 12, 2008 at the Ecology Building.

Darrin Faulk (FH) distributed a handout on waste retrieval project status (Milestones M-91-40 and M-91-41).
 - 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 currently planned for March 2008.
- III. General Discussions
 - A. Michelle Mandis (Ecology) stated that a draft of the TSCA permit modification for Permafix Northwest is in Ecology and EPA review and should be finalized by April 2008. Mr. Sinton explained that there is some contact-handled, mixed low level waste that has encountered disposition path problems, such as PCB debris waste, which was to be sent to Permafix and PEcoS. The waste is due to be shipped by December 2009. The TSCA permit modification will allow for disposition of the waste.
- 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. The February 14, 2008 extension form for the PMP (Rev 3) dispute process and the final approved Change Package M-91-07-01 will be submitted.
- VII. Next Project Managers Meeting
 - A. The next PMM was scheduled for February 28, 2008.

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

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

Agenda

- I. Approval of November 29, 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

M91

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

January 24, 2008

Attendance List

[illegible]



Waste Retrieval Project Status January 2008

Fluor Hanford



Milestone update

- Met M-91 retrieval milestone for 4th year in a row
 - 7,223 m3 retrieved as of 12/31/07



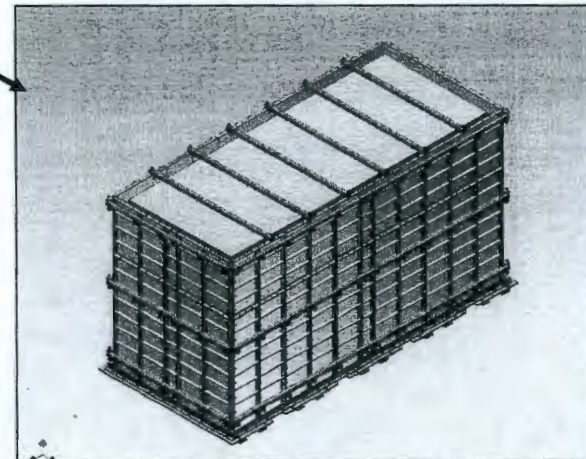
218-E-12B

- Readiness Assessment for 12B operations scheduled for March 3, 2008



4C T7 – 2 FRP Boxes

- Structurally weakened
- Special lifting plates designed to handle large boxes
- Stabilized and covered →
- Shoring designed to restore structural integrity and materials obtained →
- Overpack IP-1 containers designed; to be ordered
- Anticipate transferring to CWC in January 2008
- Successful retrieval is anticipated



Fluor Hanford



4C T7 – Large Concrete Box

- Weighs 83,000 lbs
- Lifting approach developed; requires removing end of sled to fit into IP-1
- Requires larger crane to handle weight
- Will be placed in Top Hat IP-1 for transfer to CWC
 - Top Hat IP-1 to be reanalyzed for this larger payload
- Anticipate transferring to CWC in March 08
- Successful retrieval is anticipated





218-W-4B T-V7

- Roof has been removed
- Drums mostly in good condition
- Successful retrieval is anticipated





218-W-4B T7

- 22 Boxes
- Adjacent drums need to be removed before the excavation of the boxes can continue
- Retrieval scheduled for June-July 08
- Successful retrieval is anticipated

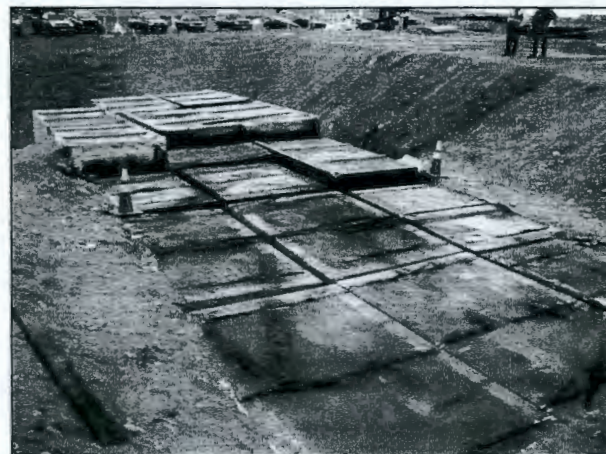


Fluor Hanford



218-W-3A

- Excavation started to evaluate FRP box integrity
- Significant volume of dirt to excavate due to depth of boxes
- Retrieval to begin in February 08
- Based on box condition knowledge to-date, we anticipate successful retrieval



Fluor Hanford



Upcoming challenges

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



M-91 Status Summary 1/24/08

Milestone	Due Date(s)	Status Summary	Comments
General Comments			<p>A. Status of Change Package M-91-07-01: The final change package signed by all parties was received by DOE on January 18, 2008. The final CP will be distributed to all parties through the implementation letter to FH.</p> <p>B. In this table "On-Schedule" means it is anticipated the milestone will be met.</p>
M-91-00: Major Milestone for acquisition of needed facilities/capabilities for mixed and suspect mixed MLLW, and TRUM and suspect TRUM.	TBD	On Schedule	
M-91-01: Facility/Capability Interim Milestone (RH and/or large container TRUM)	6/30/12	<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</p>	<ul style="list-style-type: none"> 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. Engineering Study and Functional Design Criteria were delivered to EPA and Ecology 9/29/06 (06-AMCP-0311). Briefed Ecology and EPA on the FDC/ES submittal on October 11, 2006. Comments on the FDC/ES were received from Ecology on November 13, 2006, and responses were provided December 13, 2006.

M-91-01 (Continued):		<p>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"> • 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.
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M-91-03: Submit TRUM/MLLW PMP	12/31/03 (COMPLETE), 12/28/06 (Submitted) 3/31/09, 3/31/13	On Schedule/In Project Manager level dispute CP M-91-07-01 deleted the 3/09 and 3/13 submittals. These are replaced by annual June submittals.	The PMP (Rev 3) was delivered to Ecology August 30, 2007. Ecology comments were received in a September 26, 2007 letter and indicated the PMP "does not meet M-91-03". The primary area of concern is inclusion of a range of potential CERCLA volumes in the PMP. RL delivered an objection letter to Ecology on October 9 in accordance with the TPA process starting the 30 day project manager level of the dispute process. A meeting was held October 31 between Ecology, EPA, and RL where it was agreed that a CERCLA waste document would be prepared. The dispute is currently extended to January 31, 2008. A meeting was held November 30 to review a preliminary draft of the CERCLA information and determine the path forward. Comments and a proposed path to dispute resolution were discussed. The tentative agreement, subject to management approval, is that information on the range of CERCLA TRU/TRUM volumes will be included in the June 2008 PMP and updated as appropriate in future PMP updates. RL is drafting a letter to resolve the dispute based on this understanding. The letter will also address the "waste management support" concern from the Ecology September 26, 2007 letter. An advance preliminary draft of this RL letter was provided to Ecology January 23, 2008, for review to assist in the dispute resolution process.
M-91-05-T01: Complete RH and or large TRUM retrieval/processing Engineering Study/FDC	12/31/07	Complete	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).
M-91-12:	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

M-91-12 (Continued) CH-MLLW Thermal Treatment (600 m ³ cumulative)			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.
M-91-12A: CH-MLLW Thermal Treatment (240 m ³)	9/30/05	Complete Met 8-16-05	Completion letter (05-AMCP-0420) sent to Ecology 9/27/05
M-91-15: 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"> • Shipment of large container waste to commercial facilities is planned to occur within the next few months to demonstrate capability and complete this milestone
M-91-40: Retrieval and designation of CH-RSW (regardless of size)	9,700 m ³ 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	On Schedule Met 7200 level in November 2007; Completed T-4 retrieval November 2006	<ul style="list-style-type: none"> • Met the 12/31/07 milestone to retrieve 7200 m³ on 11/27/07 (08-AMCP-0072). • 7,223 m³ of RSW had been retrieved as of 1/23/08. • The July-September SAP quarterly report was sent to Ecology November 21, 2007 (no sampling results were received in that quarter). • Removed first drums from 4B/TV7 in October 2007. • "Step II" sampling (soil sampling in the bottom of and beneath the trenches) started October 9, 2007 in W-4C Trench 29. • Currently plan to start retrieval in E-12B around March 2008. • Started excavation in W-3A T17 9/16/07

M-91-41: Retrieval and Designation of RH RSW (regardless of size)	See comment column	On Schedule (Planning)	<ul style="list-style-type: none"> • 1/1/11: Initiate retrieval of RH RSW • 12/31/14: Complete non-caisson RH RSW retrieval • 12/31/18: Complete 4B RH RSW retrieval
M-91-42: 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"> • Met the MLLW 12/31/07 milestone (6520 cubic meters) December 20, 2007. • 6,547 m³ of the MLLW subject to this milestone (MLLW-2 through MLLW-10 excluding MLLW-7) had been treated as of 12/31/07 (8150 m³ or all backlog required by 12/31/08). • 49 cubic meters has also been sent to EnergySolutions-Clive for treatment and disposal. • A TPA Change Package is being prepared to address the FY08 appropriation shortfall. • The amount of M-91-42 waste in SWOC storage decreased by 30 cubic meters in the last quarter to 660 m³ as of 12/31/07. • 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. • Shipped 2583 cubic meters of M-91-42 TRU/M and had accumulated a backlog of 310 cubic meters of certified but not shipped TRU/M bringing the total certified TRU/M counting toward M-91-42 to 2,892 as of 1/18/08. • 2379 cubic meters of M-91-42 TRUM were in SWOC storage as of 12/31/07. • Now have 3 crews on 2 shifts at T Plant for repackaging (3rd crew partially for MLLW/LLW work). 4th crew is to be added in March 2008. • Repackaged 306 drums at T plant in the October - December quarter. • Repackaged 143 drums at WRAP in the October - December quarter.

M-91-42 (Continued):			<ul style="list-style-type: none"> • Expect to have all staff and needed training complete to have second shift at WRAP fully operational by the end of January 2008. • Approximately 89% (2319/2602) of the 12/31/02 TRUM backlog had been certified or was determined to be LLW as of 1/22/08.
M-91-43: Designation and treatment of RH and or Large Size MLLW	See Comment Column	On Schedule	<ul style="list-style-type: none"> • Treated 193 m³ of MLLW-07 since 12/31/02. • M-91-43 waste in storage in SWOC increased 10 cubic meters in the October – December quarter to 522 m³. • Planning to start shipping M-91-43 waste to treatment facilities in the second quarter of 2008.
M-91-44: 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"> • 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 • 3400 cubic meters of M-91-44 TRUM was in SWOC storage as of the end of December 2007.
M-91-45: RH and or Large Size Waste Annual Report	9/30/04 and annually thereafter	On Schedule	<ul style="list-style-type: none"> • 2007 report was mailed to Ecology 9/24/07 (07-AMCP-0293). • Ecology letter dated November 20, 2007, received 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. • 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

M-91-45 (Continued):			that report being included and updated annually in the M-91 PMP.
M-16-93: 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 Next revision is anticipated to occur in 2009.	<ul style="list-style-type: none"> • Report Delivered to EPA and Ecology 9/29/06 (06-AMCP-312) • Briefing to EPA and Ecology on workplan October 11, 2006

Fn: M-91 PMM Status table 1-24-08