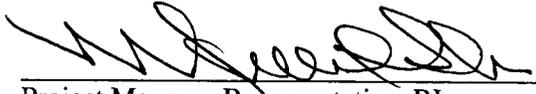


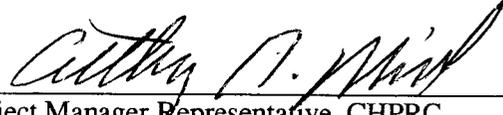
**Meeting Minutes Transmittal**

**T Plant Complex, Low Level Burial Grounds,  
Central Waste Complex, Waste Receiving and Processing  
Project Managers Meeting  
825 Jadwin/Room 540S  
Richland, Washington  
September 23, 2010**

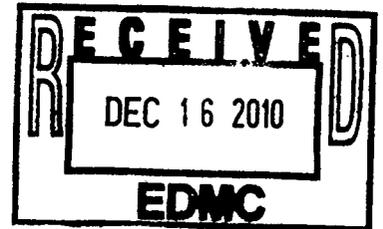
The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Project Managers Meeting. Signatures denote concurrence with the content only and are not intended to imply agreement to any commitments.

  
 \_\_\_\_\_ Date: 12/9/2010  
 Project Manager Representative, Ecology

  
 \_\_\_\_\_ Date: 9 Dec 2010  
 Project Manager Representative, RL

  
 \_\_\_\_\_ Date: 12/9/10  
 Project Manager Representative, CHPRC

Central Waste Complex Admin Record	H6-08
LLBG Administrative Record	H6-08
T Plant Complex Admin Record	H6-08
Waste Receiving and Processing Admin Record	H6-08
MS Collins	A6-38
DL Flyckt	T4-10
PW Martin	T4-52
DG Singleton	H0-57



T Plant/LLBG/CWC/WRAP  
PROJECT MEETING MINUTES  
Project Managers Meeting  
825 Jadwin/Room 540S/700 Area  
Richland, Washington

September 23, 2010

I. Approval of August 26, 2010 T Plant Complex, LLBG, CWC and WRAP Project Meeting Minutes (Ecology/DOE-RL/CHPRC).

A. The PMM minutes were approved.

II. Operational Status

A. Mike Collins (RL) provided the operational status for July 2010 (see attached charts and tables). Brian Dixon (CHPRC) noted that the footer dates are incorrect on the tables for this month, which will be corrected.

Mr. Collins stated RL is no longer planning to apply the polyurea application in the CWC expansion area since some of the boxes will be sent to Permafix. The current plan is to send 237 cubic meters and add an additional 400 cubic meters to that, so within the next year there will be 600 plus cubic meters sent to Permafix. Deborah Singleton (Ecology) inquired about the time line for removal of all the boxes since they aren't going to be sprayed for weather-proofing. Mr. Collins responded that a lot of the boxes are already weather-proofed and will remain there for a long time. Mr. Collins referred to the three milestones in 2016, 2017, and 2018 to treat 300 cubic meters, which RL will be well ahead of those milestones. Depending on 2012 funding, RL would like to remove even more waste than required by the milestones. Mr. Collins stated that some boxes will remain long past 2016 because the higher gram boxes won't fit under Permafix's license. The boxes will be protected from the weather, mainly with tarps, and will be inspected regularly under the inspection program.

Ms. Singleton asked if there is a written plan to protect the boxes and what documentation is in place for management of the boxes. Mr. Collins stated that the inspections and management of the boxes would be contained in the operating record. Joannette Biebesheimer (Ecology) asked if new inspection addenda for CWC will reflect the inspection of those boxes. Mr. Collins responded that the boxes would be recognized as another waste package that would be inspected, and if an action is needed, it would be addressed through the procedures that are in place.

Mr. Collins reported that all three of the low flash point modules have been shipped to ERDF.

Box 82 in the Low Level Burial Grounds has been removed from the trench. Box 80 will be removed as soon as the Notice of Construction (NOC) application is received from the Department of Health.

The WRAP high energy RTR structure is anticipated for operation in early November 2010. WRAP repack restart has been delayed due to resolution of the beryllium issue. Restart is now anticipated for mid-October 2010. The HEPA filters have been changed, completing that activity.

Repack operations at T Plant are anticipated for restart in mid-October 2010. Repack was halted about a month ago when a drum lid popped off. The corrective actions are in place, and RL is preparing a letter to approve restart.

III. Status of Previous Agreements and Commitments

A. There were no previous agreements and commitments to status.

IV. New Agreements and Commitments

A. There were no new agreements or commitments established.

V. Near Term Schedules and Ongoing Activities

A. TSD Units Permit Status

Ms. Biebesheimer stated that Ecology has completed a review of the Part A's, which need to be current and complete prior to the permit going out for everything but CWC. Ms. Biebesheimer explained that the permit for each unit has to be complete before it can be put into Ecology's Share Point program for review. The contingency and inspection plans are close to complete, and Ms. Biebesheimer requested completion of those two plans for all of the Solid Waste Operation Complex (SWOC) units.

Ms. Singleton stated that legal has reviewed a completed permit and identified areas to be improved, such as readability; i.e., going from the fact sheet to the permit conditions to the addendums. Ms. Singleton stated the intent is to have the addendum reflect all of the operational activities, that the regulations are being met, and that it is thoroughly enforceable. Ms. Singleton also intends to have limited permit conditions. As an example, the permit condition for waste management would direct the permittee to follow or meet all the requirements in Addendum B. RL/CHPRC concurred with Ecology's approach.

Tony McKarns (RL) provided Ecology a list of concerns from the MSA contractor, whose responsibility is to format the permits, regarding the use of Share Point. Concerns include no date on files, merging of redline-strikeout comment files for multiple reviewers not allowed, and the time-consuming process of comparing files.

Mr. Miskho initiated a discussion regarding LLBG's Part A. RL/CHPRC's position is to have one Part A for trenches 31, 34 and 94. Ecology's position is to have two Part A's, one for trenches 31 and 34, and one for trench 94. RL/CHPRC and Ecology agreed that whether the decision is made for one or two Part A's, that the Part A will include only the operating areas, and the used areas will be addressed as RCRA/CERCLA past practice and included as part of the 200-SW-2 operable unit. Mr. McKarns stated the reasoning for one Part A is the Hanford Facility is being operated by the same organizations, the same type of waste forms, and it has the same type of management scope. Ms. Singleton took an action to schedule a meeting with RL/CHPRC to resolve the issue of one versus two Part A's for LLBG. Mr. McKarns stated that RL is finalizing a position paper regarding division of the units in LLBG and the respective Part A(s), and the regulatory background that is called out for all of the SWOC.

Mr. Miskho initiated a discussion regarding the pending report on the un-used areas. Ms. Singleton stated her preference to administratively close the un-used areas and not carry them into the SW-2 work plan. Ms. Singleton pointed out that eventually a decision will have to be made on the un-used areas, and if she doesn't have the report at

that time, the un-used areas will have to go into the SW-2 work plan. The parties agreed to contact the author of the report in an effort to get it completed and delivered.

B. LLBG Groundwater Sampling

Stuart Luttrell (CHPRC) reported that samples were collected from Low Level Waste Management Area 1 (WMA-1) in June and July. The results have come back with elevated total organic carbon in four wells. Two of the wells were upgradient and don't require verification sampling. The two downgradient wells exceeded the critical mean value for total organic carbon, and verification sampling has been completed for those two wells. The results from the verification sampling have not been received. Ms. Biebesheimer asked if total organic carbon had previously been exceeded for downgradient wells. Mr. Luttrell stated that it had not previously been exceeded in this area (E-10). RL will notify Ecology if there are results that require notification under the rules.

Sampling in WMA-2 is scheduled for October. Three of the four scheduled wells were sampled in WMA-3. A well that was removed from the network in WMA-3 has been added back in. The well (No. 299 West 74) was removed in 2007 because of access and unresolved safety question issues. The well will be sampled this month. Seven of the eight wells scheduled for sampling in WMA-4 were completed in July and August. The well that wasn't sampled had gone dry (No. 299 West 18-21). Well maintenance confirmed the well was dry, and it will be removed from the network. Mr. Miskho inquired about notification procedure to Ecology regarding the removal of the well from the network. Mr. Luttrell indicated that notification through today's meeting is adequate. Mr. Luttrell will verify the location of the dry well and that it is downgradient.

Mr. Miskho stated that recently two groundwater Data Quality Objective (DQO) meetings were held regarding well placement around trenches 31 and 34. Next Monday (9/27/10), Ecology is planning a tour of trenches 31 and 34, with the intent to narrow down well placement. The location of infrastructure materials will be documented, and an assessment will be made whether there is room in the corridor to place the well where EPA is recommending to Ecology that it be placed. Ms. Singleton stated that the information obtained from current wells and the testing that will be done during the pump and treat efforts will be used to determine where wells will go, and a decision will not be made to put any new wells in at this time except for one upgradient well. Doug Hildebrand (RL) concurred with the approach. Ms. Singleton is planning to meet with her manager, who will then meet with the EPA counterpart, to apprise them of the new approach, with the expectation that it will satisfy EPA's concerns regarding the number of wells and well placement.

VI. Approved Changes Signed off in Accordance with TPA Section 12.2

A. There were no approved changes signed.

VII. General Discussion

A. There were no topics for general discussion.

VIII. Actions

Unit	Description of Action	Status	Date
LLBG	RL/CHPRC will provide Ecology with an information package on unused areas of burial grounds	Action Established	4/23/09
		Pending	9/23/10
LLBG	Ecology to determine what form the groundwater monitoring plan will take, and whether a compliance schedule will be established for the regulatory approach to the burial grounds	Action Established	1/28/10
		Ecology has drafted a general approach, and will finalize approval with Ecology and EPA management	9/23/10
WRAP	Ecology to verify permit documentation and recommend a path forward to RL	Action Established	1/28/10
			9/23/10
T Plant	Ecology will provide RL written acceptance of the line blanking to the tank that was never used at 2706-T	Pending	9/24/09
		Ecology provided e-mail, closing out this action. E-mail is attached to 9/23/10 meeting minutes for inclusion in the AR.	9/23/10
SWOC Units	RL/CHPRC to provide Ecology a conceptual model for closure plans on the 4 SWOC units, with the focus on the WRAP closure <i>and structure on dangerous waste management unit</i> (Note: italics indicate addition to this action on 9/23/10)	Pending	8/26/10
		RL will provide Ecology its position paper on dangerous waste management units	9/23/10
LLBG	RL will provide Ecology its approach to TSD permitting	RL will provide Ecology its position paper on dangerous waste management units	9/23/10
LLBG	A discussion will be held regarding LLBG's Part A application submittal	The parties agreed that this action can be deleted. It will be addressed by RL's position paper	9/23/10

IX. Documents for Submittal to the Administrative Record.

A. There were no documents identified.

X. Next Project Mangers Meeting

A. The next PMM was scheduled for October 28, 2010.

**T PLANT, LLBG, WRAP, AND CWC PROJECT MEETING**  
**825 Jadwin/Room 340**  
**Hanford, Washington**  
**September 23, 2010**

**10:45 a.m. to 11:30 a.m.**  
**Agenda**

- I. Approval of August 26, 2010 T Plant Complex, LLBG, CWC, and WRAP Project Meeting Minutes (Ecology/DOE-RL/CHPRC)
- II. Operational Status
- III. Status of Previous Agreements and Commitments
- IV. New Agreements and Commitments
- V. Near Term Schedules and Ongoing Activities
  - A. TSD Units Permit Status
  - B. LLBG Groundwater Sampling
- VI. Approved Changes Signed Off in Accordance with TPA Section 12.2
- VII. General Discussion
- VIII. Actions

Unit	Description of Action	Status	Date
LLBG	RL/CHPRC will provide Ecology with an information package on unused areas of burial grounds	Pending	4/23/09
		RL targeting Oct 09 to provide info	9/24/09
		A walk-down was done and paperwork is being prepared	1/28/10
		No change in status	2/25/10
		No change in status	4/29/10
		No change in status	6/24/10
		A priority was set to complete the paperwork for this action	8/26/10
LLBG	Ecology to determine what form the groundwater monitoring plan will take, and whether a compliance schedule will be established for the regulatory approach to the burial grounds		1/28/10
		No change in status	4/29/10

		Ecology will send an e-mail verifying no permit chapters will be needed for the used burial grounds. Ecology will provide documentation via e-mail regarding transition of interim status groundwater monitoring plans	6/24/10
		No change in status	8/26/10
WRAP	An action was established for Ecology to verify permit documentation and recommend a path forward to RL		1/28/10
		In progress	2/25/10
		In progress	4/29/10
		In progress	6/24/10
		Ecology and RL/CHPRC will conduct a search for the 2008 version of Addendum H	8/26/10
T Plant	Ecology will provide RL written acceptance of the line blanking to the tank that was never used at 2706-T	Pending	9/24/09
		Kathy Conaway will provide the info	1/28/10
		An email was provided by Ecology which will be attached to the PMM minutes	2/25/10
		Brian Dixon (CHPRC) will verify the e-mail has been submitted to the AR	4/29/10
		Mike Collins (RL) will ensure the e-mail has been submitted to the AR.	6/24/10
		Mike Collins (RL) will provide a copy of Ecology's email	8/26/10
<b>SWOC Units</b>	<b><i>RL/CHPRC to provide Ecology a conceptual model for closure plans on the 4 SWOC units, with the focus on the WRAP closure</i></b>		
<b>LLBG</b>	<b><i>RL will provide Ecology its approach to TSD permitting</i></b>		

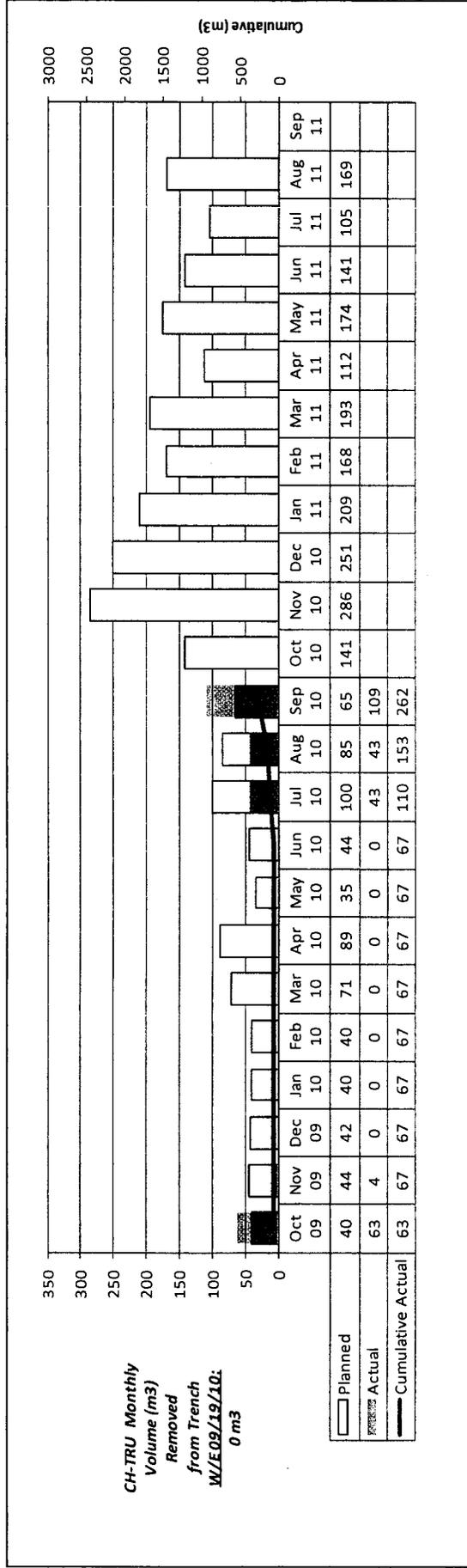
<i>LLBG</i>	<i>A discussion will be held regarding LLBG's Part A application submittal</i>		
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IX. Documents for Submittal to the Administrative Record

X. Next Project Managers Meeting



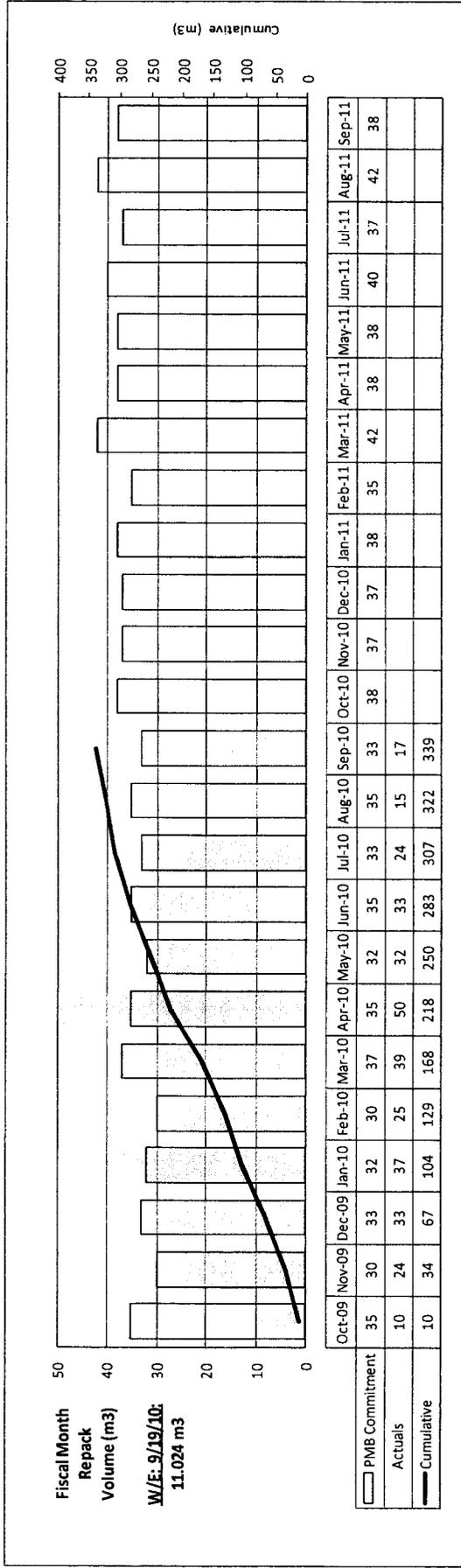
# Waste Retrieval Performance



# CWC/LLBG Activities

Activity Description	Activity Description
Polyurea Application - CWC Expansion Area	<ul style="list-style-type: none"> <li>•DOE has directed RA3 assessment. Plan of Action (POA) signed on 6/07/10 with completion targeted for September 2010</li> </ul>
CWC Low Flash Point Modules	<ul style="list-style-type: none"> <li>•Two of three modules shipped to ERDF in mid-August</li> <li>•Final module shipped in September</li> </ul>
CWC - Roof Repairs	<ul style="list-style-type: none"> <li>•8 buildings with identified roof leaks (2403-WD, 2403-WB, 2403-WA, 2402-WB, 2402-WC, 2402-WD, 2402-WF, 2402-WI)</li> <li>•Recommended repairs are being documented</li> </ul>
LLBG - Deteriorated Boxes 80 and 82	<ul style="list-style-type: none"> <li>•Air NOC formally transmitted to RL on 8/3/10</li> <li>•RL requested a revision to the NOC application and another submittal</li> <li>•Repackaging has started and one 9x5x5-ft box is partially filled</li> </ul>

# TRU Program (WRAP and T Plant) Performance



## TRU Program Activities

Activity Description	Status
WRAP	<ul style="list-style-type: none"> <li>•High Energy RTR concrete pad completed. Electrical tie-in September</li> <li>•HERTR shield wall vendor building shield walls offsite. Expect delivery and assembly of wall in mid-September. RTR delivery in late September.</li> <li>•WRAP repack restart set for September</li> <li>•HEPA filters change in progress; Completed second bank and initiated planning to replace Glove Box HEPA filters</li> </ul>
T Plant	<ul style="list-style-type: none"> <li>•Repack operations impacted by drum PISA. Venting drums while awaiting JCO</li> </ul>

**Childers, Heather M**

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**From:** Collins, Michael S  
**Sent:** Monday, February 01, 2010 3:19 PM  
**To:** Childers, Heather M  
**Cc:** Atwood, Julie M; Ollero, Jennifer F; Flyckt, Don L  
**Subject:** FW: Approval of blanking 9 transfer lines to isolate T-XX-2706-220 and TXX-2706-221

Heather,

Please put the below email in the administrative record under T Plant. Thanks.

Mike C.

**From:** Wang, Oliver S. (ECY) [mailto:owan461@ecy.wa.gov]  
**Sent:** Monday, February 01, 2010 3:06 PM  
**To:** Collins, Michael S  
**Cc:** Singleton, Deborah  
**Subject:** Approval of blanking 9 transfer lines to isolate T-XX-2706-220 and TXX-2706-221

Dear Mr. Collins:

This email communicate Ecology's approval of the subject activity.

After discussions with Julie Atwood and Jennifer Ollero last August and September, I witnessed part of the subject activity on 9/1/2009 and received selected photos from Joel Williams on 9/14/2009. If you have questions, please call me or Deborah Singleton. Thank you.

**Oliver Wang**  
Environmental Engineer  
Nuclear Waste Program  
Department of Ecology  
509-372-7932

**RECEIVED**  
FEB 02 2010  
**EDMC**