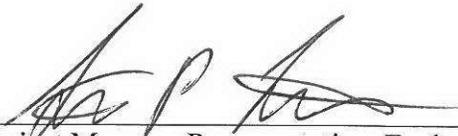


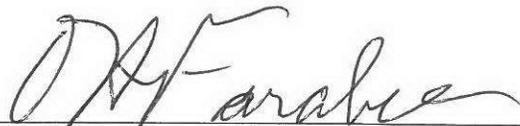
Meeting Minutes Transmittal

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

March 24, 2016

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: 8/25/16
Project Manager Representative, Ecology


Date: 5/26/16
Project Manager Representative, RL

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
J. V. Borghese	H8-43
M. S. Collins	A6-38
B. J. Dixon	T4-09
P. E. Eberlein	H0-57
R. H. Engelmann	H8-45
O. A. Farabee	A6-38
R. D. Hildebrand	A5-11
S. K. Johansen	T1-41
S. Kosjerina	T4-06
R. L. Long Jr.	A6-38
S. P. Luttrell	H0-57
P. W. Martin	H8-45
A. S. Mortensen	T4-04
L. C. Petersen	T4-06
E. R. Skinnarland	H0-57
D. G. Singleton	H0-57

T PLANT/LLBG/CWC/WRAP
Project Managers Meeting Minutes
825 Jadwin/Room 540S/700 Area
Richland, Washington

March 24, 2016

- I. The approved January 28, 2016 Project Managers Meeting (PMM) Minutes were submitted to the Administrative Record (AR). The February 25, 2016, PMM minutes were approved by RL and Ecology representatives and will be submitted to the AR.

- II. Operational Status

Sasa Kosjerina (CHPRC) provided the operational status as of 3/23/16 (see handout). Mike Collins (RL) referred to the sealant that was applied to one of the roofs as an alternate roofing method, and stated that there were still leaks along one of the eaves. Mr. Collins stated that a thicker sealant coating may have been needed, and the vendor is coming out to do some warranty work to determine whether a thicker coating would resolve the leaks.

Mr. Kosjerina noted that the PCO training that was completed at T Plant is in reference to the crane operator training. Mr. Collins stated that there are now two trained crane operators, although the second operator needs to complete a few closeout items for training.

- III. Status of Previous Agreements and Commitments
 - A. There were no previous agreements or commitments to discuss.

- IV. New Agreements and Commitments
 - A. There were no new agreements or commitments established.

- V. Near Term Schedules and Ongoing Activities
 - A. Agreed Order – Implementation

Deborah Singleton (Ecology) asked that the PMM minutes document whenever a shipment is made from outdoor storage area A, which was a direct request within the Agreed Order (AO). Ms. Singleton noted that the shipments are recorded in Ecology's book that contains information on the acceptable knowledge (AK) packages, and that the shipments are listed in the handout that is provided at the PMM.
 - B. CAFO

Stephanie Johansen (CHPRC) stated that RL/CHPRC received Ecology's letter regarding the closure performance standards, which have implications beyond the Consent Agreement and Final Order (CAFO) closure plans. Ms. Johansen stated that as a result, the CHPRC risk assessment team is working with RL, and that RL/CHPRC will be setting up a meeting with Ecology. Ms. Johansen stated that the other four closure plans (277-T building, 277-T outdoor storage area, 271-T pad and 271-T cage) have been revised with all the changes, except for the closure performance standards, and were provided to Ecology for review. Ms. Singleton

stated that Ecology will likely be sending RL a letter that may request or state that in support of the CAFO, all of the closure plans need to be submitted or, at a minimum, a schedule is needed for providing all of the closure plans associated with the CAFO. Ms. Johansen asked if that would mean revising the other closure plans. Ms. Singleton acknowledged that RL/CHPRC is committed to the four closure plans (see above), but Ecology will also be requesting action on the other eight closure plans.

C. Hanford Facility RCRA Permit Rev. 9 Update

Ms. Singleton stated that Ecology is continuing with internal meetings to include the comments and suggestions from all of the permit writers regarding the CAPs. Ms. Singleton indicated that the CAP for the waste analysis plan is getting closer to being done, and the last two CAPs to be completed will be for the closure plan and processing.

D. 8C Updates, Closure Plans, Part B Application

John Temple (Ecology) reported that Ecology is going through the completeness review on the Part B application, and the goal is to finish the review by the end of April 2016. Ecology will be sending a letter to RL following its completeness review of the Part B application. Ms. Singleton stated that if Ecology identifies areas within the submittal as incomplete, RL/CHPRC will be notified what those areas are. Ms. Singleton noted that for addendums that are determined to be complete, Ecology will move forward with addressing any other deficiencies. Ms. Singleton added that there is a distinction between identifying something as incomplete and then stating there are deficiencies, and the intent is to identify the deficiencies so the parties can work together on the resolutions. Ms. Johansen stated that a meeting was held earlier this week to discuss the approach to comment resolution. Ms. Singleton stated that the meeting was productive, and that Ms. Johansen provided a very good schedule during the meeting, which Ecology is reviewing. Ms. Singleton stated that rather than developing a schedule, Ecology has been focusing on getting through the completeness review, which would then determine where the starting point would be.

Ms. Singleton requested clarification regarding the Low Level Burial Grounds (LLBG) groundwater monitoring plan that was submitted, which identified that the mixed waste trenches are in 218-W-5. Ms. Singleton stated that in 2014, a new Waste Identification Data Services (WIDs) site was identified that defined the boundaries for the mixed waste trenches for 31/34. Ms. Singleton indicated that the groundwater monitoring plan should include the boundaries for trenches 31/34 as defined in 2014. Mr. Collins responded that Doug Hildebrand (RL) would be the appropriate staff member to answer Ms. Singleton's questions. Ms. Johansen added that the soil and groundwater group prepared the groundwater monitoring plan, and they would need to be present to provide clarification and answer any questions. Ms. Singleton stated that she would contact Mr. Hildebrand, and if that discussion did not provide enough clarification, she would send Mr. Collins an email.

E. Conceptual Agreement Packages (CAPS)

Rick Engelmann (CHPRC) asked if the Solid Waste Operations Complex (SWOC) submittal would roll into Rev. 9 after it is approved for Rev. 8C. Ms. Singleton responded that that was correct. Ms. Singleton stated that the challenge for Ecology is for the completeness review and the subsequent technical review to be as close to what Rev. 9 will be to avoid having to redo anything. Ms. Singleton added that the

bigger challenge is that the operation and final status permit would be under Rev. 8C, and Ecology needs to ensure that the permit conditions in individual units line up with the conditions in Part 1 and Part 2. Elis Eberlein (Ecology) noted that the Part 1 and Part 2 conditions in Rev. 9 will be quite different because they will line up with what the rest of the state is doing. Ms. Singleton concurred, and added that poses an additional challenge when reviewing for completeness.

F. Sludge Storage at T Plant

Mr. Engelmann noted that Mr. Collins mentioned that two crane operators have been trained. Mr. Collins stated that the cover block on 14R was lifted, and the cell was empty. Ms. Singleton asked if a picture was taken of the empty cell. Mr. Collins responded that generally a picture would be taken. Ms. Singleton requested a picture of the empty cell. Ms. Singleton stated that T Plant canyon is being identified as a containment building for permitting purposes, and raised a concern about addressing RCRA activities on the canyon deck that RL will be requesting authorization for when there will be CERCLA waste activities. Ms. Singleton asked where the cover block will be placed after it is lifted so that it will not impede authorized RCRA work on the canyon deck. Mr. Collins responded that in the past it has been an operational consideration, and the cover block would be placed out of the way, usually near cell 20. Ms. Johansen pointed out that the sludge transport and storage containers (STSCs) will not be moved in and out at the same time that RCRA activities are being done on the canyon deck because it would pose many issues. Ms. Singleton agreed with Ms. Johansen, and asked how use of the RCRA space would be defined since there will be a RCRA dangerous waste management unit. Ms. Johansen responded that it would be the same situation if there was a need to store equipment in a RCRA treatment, storage, disposal (TSD) unit, that the equipment could be stored inside the RCRA TSD.

Ms. Singleton stated that the discussion regarding storage of equipment in a RCRA TSD unit illustrates the type of language that Ecology will need to see in detail in the permit. Ms. Singleton stated that the EPA documentation may contain language that states when the sludge activity is occurring, that that area of the dangerous waste management unit is not being used, but it isn't stated anywhere else. Mr. Collins expressed a concern that RL may not agree with that level of detail because it would limit operational flexibility. Ms. Johansen suggested that as the parties get to specific sections of the process information, the details could be worked out. Ms. Singleton stated that she was pointing out that it could become an issue regarding permitting the whole area as a RCRA containment building.

- VI. Approved changes signed off in Accordance with TPA Section 12.2
 - A. There were no approved changes identified.

- VII. General Discussion
 - A. There were no topics for general discussion.

- VIII. Actions
 - A. There were no actions to discuss.

- IX. Documents for Submittal to the Administrative Record.
 - A. The February 25, 2016 PMM minutes were identified for submittal to the AR.

- X. Next Project Managers Meeting
 - A. The next PMM was scheduled for April 28, 2016.

Waste Disposition Performance

Facility	Status as of 3-23-2016
CWC	<ul style="list-style-type: none"> • Reconciling data between SWITS and the OR for 750 containers; updating their labeling as needed • Performing waste storage & inspection activities • Mining, segregating, and overpacking watch list drums is ongoing, as needed • Continuing to receive waste from onsite and offsite generators • Ship large boxes from OSA "A" to PFNW as authorized by DOE • Newly identified roof and floor deficiencies are being tracked and will be repaired in FY2016. Initiated floor repairs on week of 3/21/2016 • Emergency light testing & repairs: 2403-WB building lighting upgrades continue. Approximately 60% complete. • Conducted Fire Suppression System testing & inspection with HFD • Newly identified box cover deficiencies will be tracked and repaired in FY2016 • Shipped 12 drums on 2/25
LLBG	<ul style="list-style-type: none"> • Continuing to perform inspection activities in LLBGs • Continuing housekeeping activities in LLBGs* • Continuing receipt of waste shipments at Trench 31/34 • Continuing leachate collection & removal system operation at Trenches 31 & 34 • Completing prep work for Navy reactor compartment receipts in Trench 94.
WRAP	<ul style="list-style-type: none"> • Newly identified roof deficiencies are being tracked and will be repaired in FY2016 • Continuing min-safe surveillance and maintenance activities. • Continuing floor maintenance activities at 2404-WB when resources & weather permit. No mixed waste containers with free liquids will be stored in this building without replacement secondary containment until the floor is repaired. • Conducted Fire Suppression System testing & inspection with HFD • Continue to receive PFP waste containers into 2404-WC
T Plant	<ul style="list-style-type: none"> • Continuing surveillance and maintenance activities. • Canyon Crane rail hold clip repairs completed • First PCO training completed • Removal, replacing, and inspection of cover blocks for cells 14R and 13L completed.

* Housekeeping in LLBGs includes tumbleweed monitoring & removal, control of vegetation growth, contamination control activities

RCRA-Regulated Inventory

of Containers/Tanks and Volume

as of 3-23-2016

Facility	Drum/Small Container ¹	Medium Container ²	Large Container ³	Total Volume
CWC (Feb)	5538 (1340 m ³)	596 (1033 m ³)	372 (6185 m ³)	8,558 m ³
CWC (Mar)	5539 (1340 m ³)	597 (1034 m ³)	371 (6120 m ³)	8494 m ³
T-Plant (Feb)	6 (1 m ³)	0 (0 m ³)	8 (303 m ³)*	304 m ³ *
T-Plant (Mar)	6 (1 m ³)	0 (0 m ³)	8 (303 m ³)*	304 m ³ *
WRAP (Feb)	53 (11 m ³)	0 (0 m ³)	0 (0 m ³)	11 m ³
WRAP (Mar)	53 (11 m ³)	0 (0 m ³)	0 (0 m ³)	0 (0 m ³)

Footnotes regarding volumes:

* Inventory is for containers except for six (6) large tanks at T-Plant with a volume of 259 m³

1. 0.485 m³ (110 gallons; 17.1 ft³) or less
2. Greater than 0.485 m³ (110 gallons; 17.1 ft³) & less than 1.812 m³ (64ft³) (Standard Waste Box)
3. Greater than 1.812 m³

Waste Package Inventory in CWC Outside Storage Areas

CWC DWMU ^[1]	Number of Waste Packages in storage (1/24/2014)	Number of Waste Packages in storage (2/23/2016)	Number of Waste Packages in storage (3/23/2016)	Notes/Comments in Inventory Change from Previous Month
Outside Storage Area A	173	152	151	Shipped 1 container to PFNW on 3/17/2016
Outside Storage Area B	11	11	11	
D-10 Outside Storage Area	1	1	1	
East Outside Storage Area	0	0	0	
Shipping and Receiving Area	0	0	0	
Total =	185	164	163	

[1] DWMUs are based on those listed in the Agreed Order, exhibit B.

T PLANT, LLBG, WRAP, AND CWC
Project Managers Meeting
825 Jadwin / Room 540S
Hanford, Washington

March 24, 2016

ATTENDEE LIST

Name	Organization	Phone Number
1. Rick Engelmann	CHPRC	376-7485
2. Sasa Kosjerina	CHPRC	373-9622
3. Michael Collins	DOE-RL	376-6536
4. Joel Williams Jr	CHPRC	376-4782
5. Jane Borgeson	CHPRC	373-3804
6. Stephanie Jensen	CHPRC	373-1031
7. Deborah Singleton	Ecology	372-7923
8. John Temple	Ecology	372-7940
9. Elis Eberlein	Ecology	372-7906
10. P. S. Padabala	CHPRC	373-9792
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T PLANT, LLBG, WRAP, AND CWC PROJECT MEETING
825 Jadwin / Room 540S
Hanford, Washington
March 24, 2016

10:00 A.M. to 11:00 A.M.

Agenda

- I. The approved January 28, 2016, Project Managers Meeting (PMM) Minutes are submitted to the Administrative Record (AR). The February 25 2016, PMM minutes are in review by RL and Ecology representatives and will be submitted to the AR after signature approved.
- II. Operational Status
- III. Status of Previous Agreements and Commitments
- IV. New Agreements and Commitments
- V. Near Term Schedules and Ongoing Activities
 - A. Agreed Order – Implementation
 - B. CAFO
 - C. Conceptual Agreement Packages
 - D. 8C updates, closure plans, Part B application
 - E. HF RCRA Permit Rev. 9 Update
 - F. Sludge Storage at T Plant
- VI. Approved Changes Signed Off in Accordance with TPA Section 12.2
- VII. General Discussion
- VIII. Actions

Unit	Description of Action	Status	Date
- IX. Documents for Submittal to the Administrative Record
- X. Next Project Managers Meeting