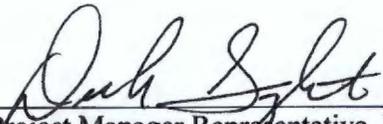


Meeting Minutes Transmittal

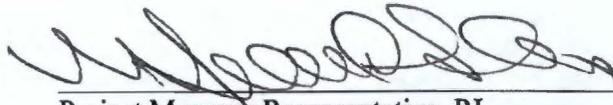
T Plant Complex, Low Level Burial Grounds,
Central Waste Complex, Waste Receiving and Processing
Project Managers Meeting
825 Jadwin / Room 540S
Richland, Washington

December 10, 2015

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.

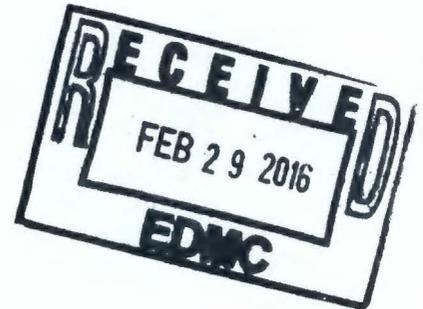


Project Manager Representative, Ecology Date: Jan 28, 2016



Project Manager Representative, RL Date: 28 Jan 16

- | | |
|---|-------|
| 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 |
| 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 |



checklist will not be provided. Ms. Singleton added that when her SWOC permitting team works with RL/CHPRC, the checklist will be used in an effort to develop a better document and so that RL/CHPRC will know what Ecology is expecting. Ms. Singleton noted that most of the other projects probably will not use the same approach, but she believes this approach will assist in getting permits that are compliant and meet the regulations, and satisfy the requirements imposed by the hazardous waste and toxics cleanup section as well as meeting requirements proposed by EPA for the SWOC units. Ms. Singleton pointed out that there is a high level of interest regarding the SWOC units. Ms. Singleton stated that the CAPs for the waste analysis plan (WAP) and processing are the most challenging, and will likely be the last CAPs that are completed. Ms. Singleton stated that meetings will be scheduled with RL/CHPRC in the near future to start discussions on the addendums, and the checklists will be used since the CAPs aren't ready for transmittal.

F. Sludge Storage at T Plant

Ms. Singleton initiated a discussion regarding a concern that the Ecology compliance staff has regarding permitting of the T Plant canyon as a containment building. Ms. Singleton stated that the canyon is a containment building, with the cells sitting under the containment building, and the staff is asking how RL/CHPRC distinguishes between what is and is not a part of the containment building. Ms. Johansen responded that it is described in the currently approved Part A, and it was determined that the regulations did not preclude RL/CHPRC from what was proposed. Ms. Johansen noted that Ecology had sent RL a letter that the sludge did not require any RCRA permitting. Ms. Singleton acknowledged that the sludge does not require RCRA permitting, but asked if RL/CHPRC is saying that it is putting the sludge in a RCRA facility because the whole canyon is a containment building. Ms. Johansen responded that RL/CHPRC are not saying the whole canyon is a containment building, but that certain portions of the canyon are, including the canyon deck and certain cells. Ms. Johansen stated that the original containment building certification only included certain cells, and that is what was certified as the containment building. Ms. Johansen added that the certification was done by a Professional Engineer, as required by the regulations.

Ms. Singleton indicated that there will be further internal discussion with engineering to clarify the question in an effort to not impede the progress that has been made as far as the sludge commitment. Ms. Johansen pointed out that the currently approved Part A reflects the containment building certification that only includes certain cells, and if that is called into question, then Ecology's previous approval of the Part A is being called into question. Ms. Singleton acknowledged Ms. Johansen's statement, and stated that discussions should start by February 2016 to resolve the issue. Ms. Johansen noted that it would present a major issue for the sludge project if Ecology were to question the approved Part A. Ms. Singleton agreed it would be a major issue. Mr. Collins concurred that it would be a major issue for RL, and reminded Ms. Singleton about the example regarding the North Load-out Pit (NLOP) sludge from several years ago. Brett Barnes (CHPRC) also noted that TRUSAF experienced the same problems in the past.

Mr. Engelmann stated that there are many areas of the rules where there is some latitude for interpretation, and noted that some Ecology staff believe the rules have to be interpreted in the most conservative way possible, rather than considering if it is necessary to protect human health and the environment. Ms. Singleton agreed that the issue is heading in the direction of the example that Mr. Engelmann cited, and stated that is why she wanted to bring it to RL/CHPRC's attention that discussions are needed to resolve the issue before the sludge project progresses much further. Ms. Singleton added that she does not anticipate any issues

that would preclude the parties from moving forward with the sludge storage at T Plant. Ms. Johansen expressed appreciation to Ms. Singleton for bringing up the issue.

Mr. Collins reported that currently the main activity at T Plant is focused on the canyon crane. Mr. Collins stated that all of the mechanical preventative maintenance has been done, and the electrical preventative maintenance is planned for next week. There are two personnel going through the process of being trained and qualified to operate the crane, and the process should be completed in the March/April 2016 time frame. Ms. Singleton asked if the crane operator training will fit within the schedule for movement of the sludge. Mr. Collins indicated that there is a concern because it represents a considerable risk. Mr. Collins noted that one of the retired crane operators is available for advice if there are any questions.

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

Unit	Description of Action	Status	Date
T-Plant – Sludge Storage	Mr. Collins to set up a presentation by the K Basin Operations on sludge storage at T-Plant during the October 22, 2015 PMM Meeting.	New	9/24/15
		Presentation will be given at the 1/28/16 PMM	12/10/15

IX. Documents for Submittal to the Administrative Record.

A. Today's PMM minutes and the September 24, 2015 PMM Minutes were identified for submittal to the AR.

X. Next Project Mangers Meeting

A. The next PMM was scheduled for January 28, 2016.

Waste Disposition Performance

Facility	Status as of 12-8-2015
CWC	<ul style="list-style-type: none"> • Performing waste storage & inspection activities • Mining, segregating, and overpacking watch list drums is ongoing, as needed <ul style="list-style-type: none"> • All Priority 1 & 2 drums have been overpacked • Continuing to receive waste from onsite and offsite generators • Continuing to ship large boxes from OSA "A" to PFNW • Repairs to floors completed in July; newly identified deficiencies will be tracked and repaired in FY2016 • Roof repairs are completed; newly identified deficiencies will be tracked and repaired in FY2016 • Continuing emergency light testing & repairs • Conducted Fire Suppression System testing & inspection with HFD • Completed box cover replacements; newly identified deficiencies will be tracked and repaired in FY2016
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
WRAP	<ul style="list-style-type: none"> • Roof repairs are completed; newly identified deficiencies will be tracked and 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
T Plant	<ul style="list-style-type: none"> • Continuing surveillance and maintenance activities. • 214-T floor repairs have been completed • PMs, including Canyon Crane PM's, are ongoing
<p>* Housekeeping in LLBGs includes tumbleweed monitoring & removal, control of vegetation growth, contamination control activities</p>	

RCRA-Regulated Inventory

of Containers/Tanks and Volume

as of 12-7-2015

Facility	Drum/Small Container ¹	Medium Container ²	Large Container ³	Total Volume
CWC (Sept)	5527 (1339 m ³)	541 (934 m ³)	376 (6343 m ³)	8,616 m ³
CWC (Dec)	5532 (1340 m ³)	580 (1004 m ³)	373 (6217 m ³)	8,561 m ³
T-Plant (Sept)	1 (0 m ³)	0 (0 m ³)	8 (303 m ³)*	303 m ³ *
T-Plant (Dec)	6 (1 m ³)	0 (0 m ³)	8 (303 m ³)*	304 m ³ *
WRAP (Sept)	26 (6 m ³)	0 (0 m ³)	0 (0 m ³)	6 m ³
WRAP (Dec)	30 (6 m ³)	0 (0 m ³)	0 (0 m ³)	6 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 (9/22/2015)	Number of Waste Packages in storage (12/7/2015)	Notes/Comments in Inventory Change from Previous Month
Outside Storage Area A	173	156	153	Waste containers to PFNW on 10/8/2015, 10/29/2015, and 11/12/2015
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	168	165	

[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**

December 10, 2015

ATTENDEE LIST

Name	Organization	Phone Number
1. Rick Engelmann	CHPRC	376-7485
2. Elis Eberlein	Ecology	372-7906
3. Deborah Singleton	Ecology	372-7923
4. Michael Collins	DOE-RL	376-6536
5. Brett M Barnes	CHPRC	376-3640
6. Michael Turner	MSA	376-2872
7. Stephanie Johansen	CHPRC	373-1031
8. Jane Borghese	CHPRC	373-3804
9. RD Holdren	DOE	373-9626
10. Sasa Kosjerina	CHPRC	205-2217
11. LINDA Peterson	CHPRC	373-4200
12. P. Sharon Padlock	CHPRC	373-9792
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T PLANT, LLBG, WRAP, AND CWC PROJECT MEETING
825 Jadwin / Room 540S
Hanford, Washington
December 10, 2015

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

Agenda

- I. The approved July 23, 2015, and August 27, 2015 Project Managers Meeting (PMM) minutes are submitted to the Administrative Record (AR). The September 24, 2015, PMM minutes are pending RL and Ecology representative review and approval. There was no October or November PMM.
- 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. HF RCRA Permit Rev. 9 Update
 - D. 8C updates, closure plans, Part B application
 - E. Conceptual Agreement Packages
 - 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
T-Plant – Sludge Storage	Mr. Collins to set up a presentation by the K Basin Operations on sludge storage at T-Plant during the October 22, 2015 PMM Meeting.	New	9/24/15
- IX. Documents for Submittal to the Administrative Record
- X. Next Project Managers Meeting