

# Solid Waste Operations Complex Project Managers Meeting

Prepared for the U.S. Department of Energy  
Assistant Secretary for Environmental Management

Contractor for the U.S. Department of Energy  
under Contract DE-AC06-08RL14788

**CH2MHILL**  
Plateau Remediation Company

**P.O. Box 1600  
Richland, Washington 99352**

# Solid Waste Operations Complex Project Managers Meeting

S. Shore

CH2M HILL Plateau Remediation Company

Date Published  
October 2020

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Richland, Washington 99352

**APPROVED**

*By Julia Raymer at 7:01 am, Nov 19, 2020*

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Release Approval

Date

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**Meeting Minutes Transmittal**

**SOLID WASTE OPERATIONS COMPLEX  
PROJECT MANAGERS MEETING**

**T Plant, Low Level Burial Grounds,  
Waste Receiving and Processing, and Central Waste Complex**

**Via Teleconference  
Richland, Washington**

**October 22, 2020**

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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.

**Mark S. French**

Digitally signed by Mark S.  
French  
Date: 2020.11.17 21:17:28 -08'00'

Date: \_\_\_\_\_

Project Manager Representative, RL

See next page for signature

Date: \_\_\_\_\_

Project Manager Representative, Ecology

Administrative Record

H6-08

**Meeting Minutes Transmittal**

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See previous page for signature

Date: \_\_\_\_\_

Project Manager Representative, RL



Digitally signed by Elsethagen,  
Kelly (ECY)

Date: 2020.11.12 13:53:11 -08'00'

Project Manager Representative, Ecology

**SOLID WASTE OPERATIONS COMPLEX  
PROJECT MANAGERS MEETING MINUTES**

**T Plant, Low Level Burial Grounds,  
Waste Receiving and Processing, and Central Waste Complex**

**Via Teleconference  
Richland, Washington**

**October 22, 2020**

I. Stephanie Johansen (CHPRC) opened the meeting via teleconference and took a roll call (see attendance sheet). Ms. Johansen stated that the August 27, 2020 Solid Waste Operations Complex (SWOC) project managers meeting (PMM) minutes have been reviewed, but are still in the signature process, and they have not yet been submitted to the Administrative Record (AR).

II. Operational Status

A. John Hultman (CHPRC) provided an update on the operational status (see handout). Mr. Hultman reported that for the RCRA-regulated inventory, four medium containers were added to the Central Waste Complex (CWC) during October 2020. At T Plant, the number of small containers was reduced by five, and at Waste Receiving and Processing (WRAP) facility, the number of large containers was reduced by one. Mr. Hultman noted that the volumes were adjusted accordingly at those three facilities. Mr. Hultman stated that there were no changes to the dangerous waste package inventory at the CWC outside storage areas.

Referring to the waste disposition performance section of today's handout, Mr. Hultman reported that the floor repairs were completed in the CWC storage buildings. A new item was added for the Low Level Burial Grounds (LLBG) with planning operations for layer placement in trenches 31/34. Kelly Elsethagen (Ecology) inquired about the layer placement in the mixed waste trenches 31/34. Mr. Hultman responded that the process to even out the elevation of the various containers in each of the landfills is done by adding an operational layer, which is primarily a soil mixture that provides a uniform grade to place the next set of containers. Mr. Hultman noted that the next set of containers will be tier 3.

III. Status of Previous Agreements and Commitments

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

IV. New Agreements and Commitments

A. There were no new agreements and commitments for discussion.

V. Near Term Schedules and Ongoing Activities (Milestones)

A. Agreed Order – Implementation – Ms. Johansen stated that there is one box cover that requires replacement, which has not been scheduled. Ms. Johansen took an action to follow up on the status of the box cover.

- B. CAFO – Ms. Johansen stated that Ecology sent the closure plans out for a second public comment period, which is under way, and a public hearing is scheduled for October 29, 2020. Ms. Elsethagen confirmed that the public comment period was reopened for an additional 45 days to ensure everyone had an opportunity to review the fact sheet, and a public hearing is scheduled for 5:30 p.m. on October 29, 2020. Ms. Elsethagen added that Ecology is drafting a power point for the public hearing, and the plan is to send it to DOE-RL/CHPRC for review on Monday (10/26/20) to ensure its accuracy. Ms. Johansen and Ms. Elsethagen noted that the documents that were sent out for the second public comment were identical to the documents sent out for the first public comment period, with the exception of the fact sheet, which had not been available during the first public comment period.
- C. 8C Updates, Closure Plans, Part B Application – Ms. Johansen stated that the bi-weekly meetings with Ecology are continuing on the SWOC Part B, and the parties are working through the issues.
- D. Sludge Storage at T Plant – Ms. Johansen stated that all of the sludge has been received at T Plant, and the next activity was to receive the garnet filters. Ms. Johansen noted that the schedule for transfer and receipt of the garnet filters has been impacted by COVID-19, due to the personal protective equipment requirements associated with transferring the material. Ms. Johansen stated her understanding is that the planning efforts have resumed for the garnet filters, and they may be received in calendar year 2021, but no date has been established.

Ms. Elsethagen inquired about current waste management operations at T Plant. Ms. Elsethagen noted that the DOE-RL page indicates the only activity at T Plant is receipt of the Sludge Transport & Storage Containers for sludge storage, and she asked if there is any ongoing treatment occurring at T Plant. Ms. Johansen responded that there is no ongoing treatment at T Plant. Ms. Johansen added that one of the missions for T Plant would be to vent containers, if necessary, and the ability to conduct that activity is maintained, although no containers have been vented. Ms. Johansen summarized the current waste management operations at T Plant consists of sludge storage.

- E. Rev. 9 - LLBG Green Islands – Ms. Johansen stated that DOE-RL/CHPRC and Ecology are working through the Rev. 9 process, and that Ecology is currently reviewing documents.

#### VI. Approved Changes Signed Off in Accordance with TPA Section 12.2

- A. There were no approved changes signed in accordance with TPA Section 12.2 for discussion.

#### VII. General Discussion

- A. There were no topics for general discussion.

#### VIII. Actions

Ms. Johansen stated that the first action was completed to send Ecology the off-month operations report. The second action item was completed on August 31, 2020 via email,

which was to provide Ecology a list of CWC buildings that would be undergoing floor repairs. Ms. Johansen noted that additional information was provided to Ecology in the August 31, 2020 email regarding the 1800-TL container that was struck by a forklift.

Ms. Johansen stated that a new action would be to follow up on the box cover replacement in outside storage area A, as well as the ongoing action to provide the off-month operations report to Ecology.

IX. Documents for Submittal to the Administrative Record

A. There were no documents identified for submittal to the AR.

X. Next Project Managers Meeting

A. The December 2020 PMM will be rescheduled during the first two weeks of December, due to the regularly scheduled meeting falling on the Christmas holiday.

### Actions Table

#### Solid Waste Operations Complex Project Managers Meeting Minutes

Item	Description	Open / Closed	Date	Status
SWOC Units	Mr. Fullmer (CHPRC) will prepare the operations report on the off months the PMMs are not held and send the report to Ecology. The reports will be attached to the following month's PMM minutes.	Open	12/8/2017	Action established - ongoing
CWC	Ms. Johansen (CHPRC) will provide Ms. Hahn (Ecology) a list of CWC buildings that will be undergoing floor repairs.	Open	8/27/20	Action established
		Closed	10/22/20	The list was provided to Ecology on 8/31/20
CWC	Ms. Johansen (CHPRC) will provide Ms. Elsethagen (Ecology) a current status of the container in Outside Storage A that requires cover replacement.	Open	10/22/2020	Action established

# RCRA-Regulated Inventory

## Number of Containers/Tanks and Volume as of 10-15-2020

Facility	Drum/Small Container <sup>(a)</sup>	Medium Container <sup>(b)</sup>	Large Container <sup>(c)</sup>	Total Volume
CWC (September)	5638 (1396 m <sup>3</sup> )	932 (1637 m <sup>3</sup> )	325 (4367 m <sup>3</sup> )	7400 m <sup>3</sup>
CWC (October)	5638 (1396 m <sup>3</sup> )	936 (1645 m <sup>3</sup> )	325 (4367 m <sup>3</sup> )	7408 m <sup>3</sup>
T Plant (September)	14 (3 m <sup>3</sup> )	0 (0 m <sup>3</sup> )	8 <sup>(d)</sup> (303 m <sup>3</sup> )	306 m <sup>3(d)</sup>
T Plant (October)	9 (2 m <sup>3</sup> )	0 (0 m <sup>3</sup> )	8 <sup>(d)</sup> (303 m <sup>3</sup> )	305 m <sup>3(d)</sup>
WRAP (September)	217 (49 m <sup>3</sup> )	0 (0 m <sup>3</sup> )	4 (159 m <sup>3</sup> )	208 m <sup>3</sup>
WRAP (October)	217 (49 m <sup>3</sup> )	0 (0 m <sup>3</sup> )	3 (108 m <sup>3</sup> )	157 m <sup>3</sup>

Footnotes regarding volumes:

- a) 0.485 m<sup>3</sup> (110 gallons; 17.1 ft<sup>3</sup>) or less
- b) Greater than 0.485 m<sup>3</sup> (110 gallons; 17.1 ft<sup>3</sup>) & less than 1.812 m<sup>3</sup> (64ft<sup>3</sup>) (Standard Waste Box)
- c) Greater than 1.812 m<sup>3</sup>
- d) Inventory is for containers except for six (6) large tanks at T-Plant with a volume of 259 m<sup>3</sup>

## Dangerous Waste Package Inventory in CWC Outside Storage Areas

CWC DWMU <sup>[1]</sup>	Number of Waste Containers in Storage (1/24/2014)	Number of Waste Containers in Storage (9/28/2020)	Number of Waste Containers in Storage (10/15/2020)	Volume of Waste Containers in Storage (10/15/2020) (m <sup>3</sup> )	Notes/Comments in Inventory Change from Previous Month
Outside Storage Area A	173	92	92	2577	
Outside Storage Area B	5	4	4	228	
D-10 Outside Storage Area	1	1	1	28	
East Outside Storage Area	0	0	0	0	
Shipping and Receiving Area	0	0	0	0	
<b>Total =</b>	<b>179</b>	<b>97</b>	<b>97</b>	<b>2833 m<sup>3</sup></b>	

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

# Waste Disposition Performance

Facility	Status as of 10/15/2020
CWC	<p><b><u>CONTINUING</u></b></p> <ul style="list-style-type: none"> <li>• Performing waste storage &amp; inspection activities</li> <li>• Continuing to receive waste from onsite and offsite PFNW.</li> <li>• Continue to ship large waste boxes from OSA-A and CERCLA-NOSA to PFNW.</li> <li>• Conducted Fire Suppression System testing &amp; inspections with HFD</li> <li>• Box cover deficiencies are being tracked and repaired in CY2020.</li> <li>• Continue roll-up door preventative maintenance and repairs.</li> <li>• Mining, segregating, and overpacking watch list drums, as needed.</li> <li>• 2403 Series Roof Repairs; contingent on weather conditions.</li> <li>• Floor Repairs within CWC Waste Storage Buildings. - Complete</li> </ul> <p><b><u>NEW ITEMS</u></b></p>
LLBG	<p><b><u>CONTINUING</u></b></p> <ul style="list-style-type: none"> <li>• Continuing to perform inspection and maintenance activities in LLBGs</li> <li>• Continuing receipt of waste shipments from PFNW into MWT 31 &amp; 34</li> <li>• Continuing leachate collection &amp; removal system operation at MWT 31 &amp; 34 and shipments to ETF.</li> </ul> <p><b><u>NEW ITEMS</u></b></p> <ul style="list-style-type: none"> <li>• Planning operations layer placement in MWT 31 &amp; 34</li> </ul>
WRAP	<p><b><u>CONTINUING</u></b></p> <ul style="list-style-type: none"> <li>• Continuing min-safe inspection and maintenance activities.</li> <li>• Conducted Fire Suppression System testing &amp; inspection with HFD</li> <li>• Planning HEPA Filter change out for 296-W-4 Stack in CY2020</li> <li>• Continue to ship large waste boxes from 2404-WB to PFNW.</li> </ul> <p><b><u>NEW ITEMS</u></b></p>
T Plant	<p><b><u>CONTINUING</u></b></p> <ul style="list-style-type: none"> <li>• Continuing surveillance and maintenance activities.</li> <li>• Continue replacing canyon high bay lights and cameras</li> <li>• Planning Fan #3 upgrade.</li> <li>• HEPA Filter change out of 291-T - Complete</li> <li>• Planning 291-T Pre Filter Change Out.</li> </ul> <p><b><u>NEW ITEMS</u></b></p>

# RCRA-Regulated Inventory

## Number of Containers/Tanks and Volume as of 9-28-2020

Facility	Drum/Small Container <sup>(a)</sup>	Medium Container <sup>(b)</sup>	Large Container <sup>(c)</sup>	Total Volume
CWC (August)	5638 (1396 m <sup>3</sup> )	932 (1637 m <sup>3</sup> )	325 (4367 m <sup>3</sup> )	7400 m <sup>3</sup>
CWC (September)	5638 (1396 m <sup>3</sup> )	933 (1639 m <sup>3</sup> )	325 (4367 m <sup>3</sup> )	7402 m <sup>3</sup>
T Plant (August)	14 (3 m <sup>3</sup> )	0 (0 m <sup>3</sup> )	8 <sup>(d)</sup> (303 m <sup>3</sup> )	306 m <sup>3(d)</sup>
T Plant (September)	13 (3 m <sup>3</sup> )	0 (0 m <sup>3</sup> )	8 <sup>(d)</sup> (303 m <sup>3</sup> )	303 m <sup>3(d)</sup>
WRAP (August)	217 (49 m <sup>3</sup> )	0 (0 m <sup>3</sup> )	4 (159 m <sup>3</sup> )	208 m <sup>3</sup>
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# Waste Disposition Performance

Facility	Status as of 09-28-2020
CWC	<p><b><u>CONTINUING</u></b></p> <ul style="list-style-type: none"> <li>• Performing waste storage &amp; inspection activities</li> <li>• Continuing to receive waste from onsite and offsite PFNW.</li> <li>• Continue to ship large waste boxes from OSA-A and CERCLA-NOSA to PFNW.</li> <li>• Conducted Fire Suppression System testing &amp; inspections with HFD</li> <li>• Box cover deficiencies are being tracked and repaired in FY2020. 1 box covers needs to be replaced.</li> <li>• Continue roll-up door preventative maintenance and repairs.</li> <li>• Mining, segregating, and overpacking watch list drums, as needed.</li> <li>• Planning Floor Repairs within CWC Waste Storage Buildings.</li> </ul> <p><b><u>NEW ITEMS</u></b></p> <ul style="list-style-type: none"> <li>•</li> </ul>
LLBG	<p><b><u>CONTINUING</u></b></p> <ul style="list-style-type: none"> <li>• Continuing to perform inspection and maintenance activities in LLBGs</li> <li>• Continuing receipt of waste shipments from PFNW into MWT 31 &amp; 34</li> <li>• Continuing leachate collection &amp; removal system operation at MWT 31 &amp; 34 and shipments to ETF.</li> </ul> <p><b><u>NEW ITEMS</u></b></p>
WRAP	<p><b><u>CONTINUING</u></b></p> <ul style="list-style-type: none"> <li>• Continuing min-safe inspection and maintenance activities.</li> <li>• Conducted Fire Suppression System testing &amp; inspection with HFD</li> <li>• Planning HEPA Filter change out for 296-W-4 Stack in CY2020</li> <li>• WRAP Roof Replacement planning activities continue In CY2020</li> <li>• Continue to ship large waste boxes from 2404-WB to PFNW.</li> </ul> <p><b><u>NEW ITEMS</u></b></p>
T Plant	<p><b><u>CONTINUING</u></b></p> <ul style="list-style-type: none"> <li>• Continuing surveillance and maintenance activities.</li> <li>• Continue replacing canyon high bay lights and cameras</li> <li>• Planning Fan #3 upgrade.</li> <li>• Working HEPA Filter change out of 291-T</li> <li>• Planning 291-T Pre Filter Change Out.</li> </ul> <p><b><u>NEW ITEMS</u></b></p>

**SOLID WASTE OPERATIONS COMPLEX  
PROJECT MANAGERS MEETING**

**T Plant, Low Level Burial Grounds,  
Waste Retrieval and Processing, and Central Waste Complex**

**Via Microsoft Teams  
Richland, Washington**

**October 22, 2020**

**ATTENDANCE LIST**

	<b>NAME</b>	<b>ORGANIZATION</b>
1.	Baker, Morgan	Ecology
2.	Bergman, Theresa	CHPRC
3.	Brasher, Stephanie	MSA
4.	Cline, Derek	DOE/RL
5.	Davis, Scott	MSA
6.	Elsethagen, Kelly	Ecology
7.	French, Mark	DOE/RL
8.	Hahn, Deirdra	Ecology
9.	Hultman, John	CHPRC
10.	Johansen, Stephanie	CHPRC
11.	Knox, Kathy	Court Reporter
12.	Pyles, Gary	DOE/RL
13.	Shore, Sandy	CHPRC
14.	Soto, Edward	Ecology
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**SOLID WASTE OPERATIONS COMPLEX  
PROJECT MANAGERS MEETING**

**T Plant, Low Level Burial Ground (LLBG), Waste Retrieval and Processing (WRAP),  
and Central Waste Complex (CWC)**

**Via Teleconference  
Richland, Washington**

**October 22, 2020  
10:00 A. M.**

**AGENDA**

- I. The August 27, 2020 Solid Waste Operations Complex (SWOC) Project Managers Meeting (PMM) minutes have not been submitted to the Administrative Record (AR) as they are waiting on signature approval.
- II. Operational Status
- III. Status of Previous Agreements and Commitments
- IV. New Agreements and Commitments
- V. Near Term Schedules and Ongoing Activities (Milestones)
  - A. Agreed Order – Implementation
  - B. CAFO
  - C. 8C updates, closure plans, Part B application
  - D. Sludge Storage at T Plant
  - E. Rev. 9 – LLBG Green Islands
- VI. Approved Changes Signed Off in Accordance with TPA Section 12.2
- VII. General Discussion
- VIII. Actions
  - A. See Actions Table below
- IX. Documents for Submittal to the Administrative Record
- X. Next Project Managers Meeting

**Actions Table**

**Solid Waste Operations Complex Project Managers Meeting**

<b>Item</b>	<b>Description</b>	<b>Open / Closed</b>	<b>Date</b>	<b>Status</b>
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CWC	Ms. Johansen (CHPRC) will provide Ms. Hahn (Ecology) a list of CWC buildings that will be undergoing floor repairs.	Open	8/27/20	Action Established