

Solid Waste Operations Complex Project Managers Meeting Minutes

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

Contractor for the U.S. Department of Energy
under Contract 89303320DEM000030



P.O. Box 1464
Richland, Washington 99352

Solid Waste Operations Complex Project Managers Meeting Minutes

S. J. Shore
Central Plateau Cleanup Company LLC (CPCC)

Date Published
February 2021

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 **CPC** Co
Central Plateau
Cleanup Company
P.O. Box 1464
Richland, Washington 99352

APPROVED

By Sarah Harrison at 12:51 pm, Mar 18, 2021

Release Approval

Date

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Meeting Minutes Transmittal

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

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

**Via Teleconference
Richland, Washington**

February 25, 2021

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: 2021.03.17 09:56:49 -07'00'

Date: _____

Project Manager Representative, RL

**Elsethagen,
Kelly (ECY)**

Digitally signed by
Elsethagen, Kelly (ECY)
Date: 2021.03.17
17:56:07 -07'00'

Date: _____

Project Manager Representative, Ecology

Administrative Record

H6-08

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

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

**Via Teleconference
Richland, Washington**

February 25, 2021

I. Stephanie Johansen, Central Plateau Cleanup Company(CPCCo), opened the meeting via teleconference and took a roll call (see attendance sheet). Ms. Johansen stated that the December 10, 2020 project managers meeting (PMM) minutes were submitted to the Administrative Record (AR) on January 7, 2021.

II. Operational Status

A. John Fullmer (CPCCo) provided an update on the operational status (see handout). Mr. Fullmer referred to the first page of the operations report, which contains the table of the RCRA-regulated inventory, and he noted that the only change was the shipment of one roll-on/roll-off box from the Central Waste Complex (CWC) to the Environmental Restoration Disposal Facility. Mr. Fullmer stated that there was no change in status on the second page of the operations report since no shipping is occurring from Outside Storage Areas A or B (OSA-A/B).

Mr. Fullmer continued with the waste disposition performance status. Mr. Fullmer noted that there were no deficiencies with the box covers in CWC at this time, and that mining, segregating and overpacking watch list drums continues as needed in CWC. Kelly Elsethagen (Ecology) inquired about the process for acquiring the overpack containers when a container is identified as needing to be overpacked or repacked. Ms. Elsethagen stated that the question has been raised during permitting meetings, and the process for acquiring the overpack containers relates to preparedness and prevention requirements. Ms. Johansen responded that an action would be taken to provide Ecology a response.

Mr. Fullmer stated that leachate collection and removal and shipments to the Effluent Treatment Facility continue in the Low Level Burial Grounds (LLBG). Ms. Elsethagen noted that there had been a significant amount of snow over the past two weeks, followed by a rapid snow melt, and she asked if the leachate level was able to be kept from exceeding the 12-inch limit on the liner. John Hultman (CPCCo) responded that the leachate level was maintained below the 12-inch limit.

Mr. Fullmer stated that the usual activities continue for the Waste Receiving and Processing facility and T Plant.

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 meetings with Ecology continue on a bi-weekly basis.

B. CAFO – Ms. Johansen stated that meetings with Ecology continue on a bi-weekly basis.

C. 8C Updates, Closure Plans, Part B Application – Ms. Johansen stated that meetings with Ecology continue on a biweekly basis regarding the SWOC Part B permit application.

Ms. Elsethagen stated that Ecology is working on comment resolution from the public comments that were received on the seven closure plans. Ms. Elsethagen noted that initially the seven closure plans were to be issued in May 2021, but the date has been moved out to June 2021. Ms. Elsethagen added that Ecology is evaluating the OSA-A/B closure plans and the 221-TR5 waste storage area closure plan to determine whether the last certified submittals that Ecology received were complete. Ms. Elsethagen noted that those closure plans were originally declared incomplete in 2015, and the intent is to finish the completeness review by the end of March 2021. Ms. Elsethagen added that if Ecology needs any additional information, a letter will be sent to DOE-RL/CPCCo) requesting the information.

D. Sludge Storage at T Plant – Ms. Johansen stated that the sludge storage at T Plant is ongoing with no issues, and the next activity would be receipt of the garnet filters. Ms. Johansen indicated that a schedule date for receipt of the garnet filters should be available by the April 2021 PMM.

E. Rev. 9 - LLBG Green Islands – Ms. Johansen stated that the permitting process continues regarding the green islands. Ms. Elsethagen stated that review of the emergency plan and the inspection plan has been completed, and Ecology is in the process of completing its review of the closure plan in preparation for sending it to DOE-RL/CPCCo for review.

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

A. Ms. Johansen opened the discussion regarding the current action items. Ms. Johansen stated that the standing action item to send the off-month operations report to Ecology was completed on January 27, 2021. The second action item was to provide Ecology details of the planned roof repairs for CWC and whether they are corrective or preventive maintenance, and the information was sent to Ecology on December 28, 2020. Ed Soto (Ecology) agreed that this action item could be closed.

Ms. Johansen stated that the third action item was to provide Ecology the details of the planned floor repairs and whether any compensatory measures will be in place, and the information was sent to Ecology on December 28, 2020. Ms. Elsethagen agreed that this action could be closed. Ms. Johansen stated that the fourth action was to provide Ecology the changes to the leachate procedure and whether it was the result of a corrective action, and if so, to provide the corrective action. The information was sent to Ecology on December 28, 2020, and Mr. Soto agreed that this action could be closed.

Ms. Johansen stated that the last action item was that she and Ms. Elsethagen would review the documentation associated with the 211-T cage to determine whether it was authorized as a dangerous waste management unit for storage. Ms. Johansen stated that Ms. Elsethagen sent an email on December 14, 2020 that stated Ecology reviewed their original letter and determined that it was an error, and Ecology requested DOE-RL to identify which of those units that had been listed in the letter it would like to be authorized. Ms. Johansen stated that DOE-RL has not completed its review, and she recommended closing this action and opening a new action for DOE-RL to respond to Ecology's December 14, 2020 email. Ms. Elsethagen agreed with Ms. Johansen's recommendation to close the current action and open a new action.

Ms. Johansen summarized the new action items established today as follows: 1) CPCCo will provide Ecology additional information regarding the process for obtaining overpack drums and how long it takes, and whether an inventory of overpack drums is maintained; 2) DOE-RL will respond to Ecology's December 14, 2020 email that requested DOE-RL to review Ecology's letter and determine which units are to be identified as authorized dangerous waste management units, and which units are to be closed (if any).

- 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 next PMM was scheduled for April 22, 2021.

Actions Table

Solid Waste Operations Complex Project Managers Meeting Minutes

Item	Description	Open / Closed	Date	Status
SWOC Units	Mr. Fullmer (CPCCo) 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	CPCCo to provide Mr. Soto (Ecology) details of the planned roof repairs on four buildings and whether they are corrective or preventive maintenance.	Open	12/10/20	Action established
		Closed	2/25/21	The information was provided to Ecology on 12/28/20.
CWC	CPCCo to provide Ms. Elsethagen (Ecology) the details of the planned floor repairs and whether any compensatory measures will be in place.	Open	12/10/20	Action established
		Closed	2/25/21	The information was provided to Ecology on 12/28/20
LLBG	CPCCo to provide Mr. Soto (Ecology) the change to the leachate procedure and whether it was the result of a corrective action, and if so, the corrective action will be provided.	Open	12/10/20	Action established
		Closed	2/25/21	The information was provided to Ecology on 12/28/20
T Plant – CAFO	Ms. Johansen (CPCCo) and Ms. Elsethagen (Ecology) to review documentation associated with the 211-T cage to determine whether it was authorized as an operating dangerous waste management unit for storage.	Open	12/10/20	Action established
		Closed	2/25/21	Ecology provided a response in an email on 12/14/20. (Note: a new action was opened for DOE-RL to respond to Ecology's email).

Item	Description	Open / Closed	Date	Status
CWC	CPCCo to provide Ms. Elsethagen (Ecology) the process for obtaining overpack drums, how long it takes, and if an inventory of overpack drums is maintained.	Open	2/25/21	Action Established
T Plant - CAFO	DOE-RL will respond to Ecology's 12/14/20 email requesting a review of Ecology's letter to determine which units are to be identified as authorized dangerous waste management units, and which are to be closed (if any).	Open	2/25/21	Action Established

RCRA-Regulated Inventory

Number of Containers/Tanks and Volume as of 02-22-2021

Facility	Drum/Small Container ^(a)	Medium Container ^(b)	Large Container ^(c)	Total Volume
CWC (January)	5638 (1397 m ³)	936 (1645 m ³)	326 (4374 m ³)	7416 m ³
CWC (February)	5638 (1397 m ³)	936 (1645 m ³)	325 (4367 m ³)	7409 m ³
T Plant (January)	10 (2 m ³)	0 (0 m ³)	8 ^(d) (303 m ³)	305 m ^{3(d)}
T Plant (February)	10 (2 m ³)	0 (0 m ³)	8 ^(d) (303 m ³)	305 m ^{3(d)}
WRAP (January)	218 (49 m ³)	0 (0 m ³)	3 (108 m ³)	157 m ³
WRAP (February)	218 (49 m ³)	0 (0 m ³)	3 (108 m ³)	157 m ³

Footnotes regarding volumes:

- a) 0.485 m³ (110 gallons; 17.1 ft³) or less
- b) Greater than 0.485 m³ (110 gallons; 17.1 ft³) & less than 1.812 m³ (64ft³) (Standard Waste Box)
- c) Greater than 1.812 m³
- d) Inventory is for containers except for six (6) large tanks at T-Plant with a volume of 259 m³

Dangerous Waste Package Inventory in CWC Outside Storage Areas

CWC DWMU ^[1]	Number of Waste Containers in Storage (1/24/2014)	Number of Waste Containers in Storage (01/25/2021)	Number of Waste Containers in Storage (02/22/2021)	Volume of Waste Containers in Storage (02/22/2021) (m ³)	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	
Total =	179	97	97	2833 m³	

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

Waste Disposition Performance

Facility	Status as of 02/22/2021
CWC	<p><u>CONTINUING</u></p> <ul style="list-style-type: none"> • Performing waste storage & inspection activities • Conducting Fire Suppression System testing & inspections with HFD • Box cover deficiencies are being tracked and repaired in CY2021. (No deficiencies noted) • Continue roll-up door preventative maintenance and repairs. • Mining, segregating, and overpacking watch list drums, as needed. • 2403 Series Roof Repairs; planning to initiate repairs in Spring/Summer 2021 • Floor Repairs within CWC Waste Storage Buildings will occur during warmer weather as well <p><u>NEW ITEMS</u></p>
LLBG	<p><u>CONTINUING</u></p> <ul style="list-style-type: none"> • Continuing to perform inspection and maintenance activities in LLBGs • Continuing receipt of waste shipments from PFNW into MWT 31 & 34 • Continuing leachate collection & removal system operation at MWT 31 & 34 and shipments to ETF. <p><u>NEW ITEMS</u></p>
WRAP	<p><u>CONTINUING</u></p> <ul style="list-style-type: none"> • Continuing min-safe inspection and maintenance activities. • Conducting Fire Suppression System testing & inspection with HFD • Planning HEPA Filter change out for 296-W-4 Stack in CY2021 <p><u>NEW ITEMS</u></p>
T Plant	<p><u>CONTINUING</u></p> <ul style="list-style-type: none"> • Continue with Canyon Crane annual electrical maintenance PM • Continuing surveillance and maintenance activities. • Continue replacing canyon high bay lights and cameras • Planning Fan #3 upgrade. <p><u>NEW ITEMS</u></p>

**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 Microsoft Teams
Richland, Washington**

**MASTER
ATTENDANCE LIST**

	NAME	ORGANIZATION	ATTENDED
1.	Baker, Morgan	Ecology	✓
2.	Bergman, Theresa	CPCCo	✓
3.	Brasher, Stephanie	HMIS	✓
4.	Cline, Derek	DOE/RL	✓
5.	Colton, Ingrid	DOE-RL/GSSC	✓
6.	Davis, Scott	HMIS	✓
7.	Ebert, Kelly	DOE/RL	
8.	Elsethagen, Kelly	Ecology	✓
9.	French, Mark	DOE/RL	
10.	Fullmer, Jon	CPCCo	✓
11.	Hahn, Deirdra	Ecology	✓
12.	Higgins, Kathy	DOE/RL	✓
13.	Hildebrand, Doug	DOE/RL	
14.	Horn, Sarah	CPCCo	✓
15.	Hultman, John	CPCCo	✓
16.	Johansen, Stephanie	CPCCo	✓
17.	Knox, Kathy	Court Reporter	✓
18.	Martin, Paul	CPCCo	
19.	Mayenna, Amena	Ecology	
20.	McKarns, Tony	DOE/RL	
21.	Morgan, Laura	Ecology	
22.	Mortensen, Seana	Ecology	
23.	Pyles, Gary	DOE/RL	
24.	Shore, Sandy	CPCCo	✓
25.	Soto, Edward	Ecology	✓

**SOLID WASTE OPERATIONS COMPLEX
PROJECT MANAGERS MEETING**

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

**Via Teleconference
Richland, Washington**

**February 25, 2021
10:00 A. M.**

AGENDA

- I. The December 10, 2020 Solid Waste Operations Complex (SWOC) Project Managers Meeting (PMM) minutes were submitted to the Administrative Record (AR) on January 7, 2021.
- 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

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 will also send the report to Ecology. The operations reports will be attached to the following month's PMM minutes.	Open	12/08/17	Action Established - Ongoing
CWC	CHPRC to provide Mr. Soto (Ecology) details of the planned roof repairs on four buildings and whether they are corrective or preventive maintenance.	Open	12/10/20	Action established
CWC	CHPRC to provide Ms. Elsethagen (Ecology) the details of the planned floor repairs and whether any compensatory measures will be in place.	Open	12/10/20	Action established
LLBG	CHPRC to provide Mr. Soto (Ecology) the change to the leachate procedure and whether it was the result of a corrective action, and if so, the corrective action will be provided	Open	12/10/20	Action established
T Plant - CAFO	Ms. Johansen (CHPRC) and Ms. Elsethagen (Ecology) to review documentation associated with the 211-T cage to determine whether it was authorized as a dangerous waste management unit for storage.	Open	12/10/20	Action established