

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
February 2020

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APPROVED
By Sarah Harrison at 12:13 pm, Jul 16, 2020

Release Approval

Date

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Meeting Minutes Transmittal

**SOLID WASTE OPERATIONS COMPLEX
PROJECT MANAGERS MEETING**

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

**2420 Stevens Center, Conference Room 126
Richland, Washington**

February 27, 2020

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.

Gary Pyles - Approved via electronic approval - see page 1A Date: 06/30/2020
Project Manager Representative, RL



Digitally signed by Elsethagen, Kelly (ECY)
Date: 2020.07.01 11:05:34 -07'00'

Date: _____
Project Manager Representative, Ecology

Administrative Record H6-08

Shore, Sandra J (Sandy)

From: Pyles, Gary L
Sent: Tuesday, June 30, 2020 6:42 AM
To: Shore, Sandra J (Sandy)
Subject: Approve: SWOC Project Manager's Meeting Minutes for 02/27/2020

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

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

**2420 Stevens Center, Conference Room 126
Richland, Washington**

February 27, 2020

- I. Erika Garcia (CHPRC) stated that the December 12, 2019 Solid Waste Operations Complex (SWOC) project managers meeting (PMM) minutes were approved and submitted to the Administrative Record (AR).
- II. Operational Status
 - A. John Hultman (CHPRC) provided an update on the Resource Conservation and Recovery Act-regulated inventory. Mr. Hultman reported that at the Central Waste Complex (CWC), two medium containers were added and one large container was removed, which reduced the volume at CWC for the month of February 2020. There were three small containers removed from T Plant, and there were no changes to medium and large containers. At the Waste Receiving and Processing facility, one large container was removed.

Mr. Hultman reported that one container was removed from the Outside Storage Area A (OSA-A), and it was shipped to Permafix Northwest. Mr. Hultman referred to Ed Soto's (Ecology) inquiry during the M-091 Milestone PMM regarding the removal of containers from OSA-B, and he noted that one large container is planned for removal from OSA-B. Jonathan Fullmer (CHPRC) added that the reason it isn't reflected on today's table is the container has not been shipped yet, but the process for shipping the container to Permafix Northwest is under way.

Mr. Fullmer pointed out that there was one change to the Waste Disposition report regarding box cover deficiencies. Mr. Fullmer stated that there were 12 box covers that had a few rips and tears, and they have all been repaired.
- III. Status of Previous Agreements and Commitments
 - A. There were no previous agreements and commitments for discussion.
- IV. New Agreements and Commitments
 - A. There were no new agreements and commitments established.
- V. Near Term Schedules and Ongoing Activities (Milestones)
 - A. Agreed Order – Implementation

Ms. Garcia stated that there were no issues to report on the Agreed Order.
 - B. CAFO

Ms. Garcia stated that RL/CHPRC were informed by Ecology that the consent agreement/final order (CAFO) closure plans have been rescheduled to go out for public comment on April 13, 2020. Kelly Elsethagen (Ecology) concurred that the closure plans have been rescheduled to go out on April 13, 2020.

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

Ms. Garcia stated that the biweekly meetings with Ecology have resumed for this year, and efforts continue to resolve comments on the Part B permit application. Ms. Elsethagen stated that Ecology is working on schedule updates, and since most of the files for the CAFO closure plans have been completed, Ecology is turning its focus to the other Part B permit application work. Ms. Elsethagen indicated that RL/CHPRC should be receiving Part B files from Ecology in the near future.

D. Sludge Storage at T Plant

Ms. Garcia stated that preparations are under way for T Plant to receive the garnet filters from K Basins in the spring 2020 time frame.

E. Rev. 9 – LLBG Green Islands

Ms. Garcia stated that Ecology currently has three addenda's for review. Ms. Elsethagen reported that the comments are being finalized on the coordinated closure plan, and they will be transmitted to RL/CHPRC in the next two weeks.

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

A. There were no signed changes to discuss.

VII. General Discussion

A. Ms. Elsethagen inquired about a time frame for receipt of the OSA-A/B closure plans. Ms. Garcia responded that a schedule has been established for the OSA-A/B closure plans, and she will forward the schedule to Ms. Elsethagen.

VIII. Actions (see action table)

Ms. Garcia stated that Mr. Fullmer submitted the off-month operational report in accordance with the ongoing action item. Ms. Garcia stated that in response to the second action item, an email was sent to Ecology on January 23, 2020 regarding the status/preparation for switching the leachate collection system pump from manual to automatic mode. Ms. Elsethagen confirmed that the email was received. Ms. Elsethagen stated that she will follow up with RL/CHPRC's email and provide a response via email about whether more information is needed or if the email addressed the issue. It was agreed that this action could be closed. Ms. Garcia stated that an email was sent to Ecology on January 23, 2020 regarding the third action about reasons for shipping containers from OSA-A and not OSA-B at this time. Ms. Elsethagen indicated that she did not recall having an issue with RL/CHPRC's response, but that she would review the email to ensure it adequately responded to her inquiry. It was agreed that this action item could be closed.

There were no new action items established today.

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 23, 2020.

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	12/8/17	Action Established - Ongoing.
LLBG	Ms. Johansen (CHPRC) will follow up with Ms. Elsethagen's (Ecology) inquiry regarding the status/preparations for switching the leachate collection system pump from manual to automatic mode.	Open	12/12/19	Action Established
		Closed	2/27/20	An email was sent to Ms. Elsethagen on 1/23/20. Ms. Elsethagen will review the email and follow up with an email that either requests more information or that RL/CHPRC's response satisfied her inquiry.
CWC	Ms. Johansen (CHPRC) will follow up with Ms. Elsethagen's (Ecology) inquiry about the reason for shipping containers from OSA-A and not OSA-B at this time.	Open	12/12/19	Action Established
		Closed	2/27/20	An email was sent to Ms. Elsethagen on 1/23/20. Ms. Elsethagen indicated that she had no issue with the response, but she will review the email to ensure the response satisfied her inquiry.

RCRA-Regulated Inventory

Number of Containers/Tanks and Volume as of 2-25-2020

Facility	Drum/Small Container ^(a)	Medium Container ^(b)	Large Container ^(c)	Total Volume
CWC (January)	5640 (1396 m ³)	890 (1562 m ³)	329 (4528 m ³)	7486 m ³
CWC (February)	5640 (1397 m ³)	893 (1567 m ³)	328 (4484 m ³)	7448 m ³
T Plant (January)	14 (3 m ³)	0 (0 m ³)	8 ^(d) (303 m ³)	306 m ^{3(d)}
T Plant (February)	11 (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)	7 (312 m ³)	361 m ³
WRAP (February)	218 (49 m ³)	0 (0 m ³)	6 (261 m ³)	310 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 (1/28/2020)	Number of Waste Containers in Storage (2/25/2020)	Volume of Waste Containers in Storage (2/25/2020) (m ³)	Notes/Comments in Inventory Change from Previous Month
Outside Storage Area A	173	95	94	2660	Shipped TC209 to PFNW on 2/6/20
Outside Storage Area B	5	5	5	263	
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	101	100	2951 m³	

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

Waste Disposition Performance

Facility	Status as of 02-25-2020
CWC	<p><u>CONTINUING</u></p> <ul style="list-style-type: none"> • Performing waste storage & inspection activities • Continuing to receive waste from onsite and offsite generators • Continue to ship large waste boxes from OSA A and NOSA to PFNW. • Conducted Fire Suppression System testing & inspections with HFD • Box cover deficiencies are being tracked and repaired in FY2020. (All current deficiencies have been fixed) • Continue roll-up door preventative maintenance and repairs. • Mining, segregating, and overpacking watch list drums, as needed. • 2403 Series Roof Repairs; contingent on weather conditions. • <u>NEW ITEMS</u>
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 into MWT 31 & 34 • Continuing leachate collection & removal system operation at MWT 31 & 34 <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. • Conducted Fire Suppression System testing & inspection with HFD <p><u>NEW ITEMS</u></p> <ul style="list-style-type: none"> • Planning HEPA Filter change out for 296-W-4 Stack in CY2020
T Plant	<p><u>CONTINUING</u></p> <ul style="list-style-type: none"> • Continuing surveillance and maintenance activities. • Continue replacing canyon high bay lights and cameras • Planning HEPA Filter change out of 291-T in CY2020 • Planning Fan #3 upgrade. <p><u>NEW ITEMS</u></p>

RCRA-Regulated Inventory

Number of Containers/Tanks and Volume as of 1-28-2020

Facility	Drum/Small Container ^(a)	Medium Container ^(b)	Large Container ^(c)	Total Volume
CWC (December)	5591 (1386 m ³)	871 (1528 m ³)	330 (4571 m ³)	7485 m ³
CWC (January)	5640 (1396 m ³)	890 (1562 m ³)	329 (4528 m ³)	7486 m ³
T Plant (December)	13 (3 m ³)	0 (0 m ³)	8 ^(d) (303 m ³)	306 m ^{3(d)}
T Plant (January)	14 (3 m ³)	0 (0 m ³)	8 ^(d) (303 m ³)	306 m ^{3(d)}
WRAP (December)	217 (49 m ³)	0 (0 m ³)	8 (363 m ³)	412 m ³
WRAP (January)	218 (49 m ³)	0 (0 m ³)	7 (312 m ³)	361 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 (12/9/2019)	Number of Waste Containers in storage (1/28/2020)	Volume of Waste Containers in storage (1/28/2020)	Notes/Comments in Inventory Change from Previous Month
Outside Storage Area A	173	96	95	2704 m ³	Shipped TC219 to PFNW on 1/14/20
Outside Storage Area B	5	5	5	263 m ³	
D-10 Outside Storage Area	1	1	1	28 m ³	
East Outside Storage Area	0	0	0	0	
Shipping and Receiving Area	0	0	0	0	
Total =	179	102	101	2995 m³	

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

Waste Disposition Performance

Facility	Status as of 01-28-2020
CWC	<p><u>CONTINUING</u></p> <ul style="list-style-type: none"> • Performing waste storage & inspection activities • Continuing to receive waste from onsite and offsite generators • Continue to ship large waste boxes from OSA A and NOSA to PFNW. • Conducted Fire Suppression System testing & inspections with HFD • Box cover deficiencies are being tracked and repaired in FY2020. (January: Repaired 5 covers and Installed 7 new) • Continue roll-up door preventative maintenance and repairs. • Mining, segregating, and overpacking watch list drums, as needed. • 2403 Series Roof Repairs; contingent on weather conditions. • <u>NEW ITEMS</u>
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 into MWT 31 & 34 • Continuing leachate collection & removal system operation at MWT 31 & 34 <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. • Conducted Fire Suppression System testing & inspection with HFD • Shipped an 1800TL TRUM waste container from 2404-WB to PFNW in January. <p><u>NEW ITEMS</u></p> <ul style="list-style-type: none"> • Planning HEPA Filter change out for 296-W-4 Stack in CY2020
T Plant	<p><u>CONTINUING</u></p> <ul style="list-style-type: none"> • Continuing surveillance and maintenance activities. • Continue replacing canyon high bay lights and cameras • Planning HEPA Filter change out in 291-T in CY2020 • 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)**

**2420 Stevens Center, CR-126
Richland, Washington**

February 27, 2020

ATTENDANCE LIST

NAME (Please PRINT)	ORGANIZATION
1. Sandy Shore	CHPRC
2. Kathy Knox	Court reporter
3. Jonathan Fuller	CHDOE
4. John Hultman	CHPRC
5. Jay Ziff	DOE/RL
6. Erika Garcia	CHPRC
7. Kelly Elsethagen	Ecology
8. ED SOTO	ECOLOGY
9. Jeff Davis	MSA - TPA
10. Theresa Bergman	CHPRC
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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)**

**2420 Stevens Center, CR-126
Richland, Washington**

**February 27, 2020
10:00 A. M.**

AGENDA

- I. The December 12, 2019 Solid Waste Operations Complex (SWOC) Project Managers Meeting (PMM) Minutes were submitted to the Administrative Record (AR).
- 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	12/8/17	Action Established - Ongoing.
LLBG	Ms. Johansen (CHPRC) will follow up with Ms. Elsethagen's (Ecology) inquiry regarding the status/preparations for switching the leachate collection system pump from manual to automatic mode.	Open	12/12/19	Action Established
CWC	Ms. Johansen (CHPRC) will follow up with Ms. Elsethagen's (Ecology) inquiry about the reason for shipping containers from OSA-A and not OSA-B at this time.	Open	12/12/19	Action Established