

Meeting Minutes Transmittal

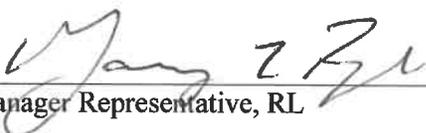
**SOLID WASTE OPERATIONS COMPLEX (SWOC)
PROJECT MANAGERS MEETING**

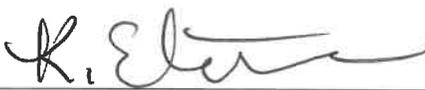
**T Plant, Low Level Burial Ground (LLBG), Waste Receiving and Processing (WRAP),
and Central Waste Complex (CWC)**

**2420 Stevens Center, Conference Room 308
Richland, Washington**

September 12, 2019

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: 10/3/2019
Project Manager Representative, RL

 Date: 10/8/2019
Project Manager Representative, Ecology

Administrative Record H6-08

**SOLID WASTE OPERATIONS COMPLEX (SWOC)
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 308
Richland, Washington**

September 12, 2019

- I. Stephanie Johansen (CHPRC) stated that the June 27, 2019 Solid Waste Operations Complex (SWOC) project managers meeting (PMM) minutes were approved and submitted to the Administrative Record (AR). Ms. Johansen noted that the SWOC PMM was not held in August due to a scheduling conflict, and it was rescheduled for today.
- II. Operational Status
 - A. Ms. Johansen referred to the long-standing action item to provide Ecology with an operational report during the months that the SWOC PMMs are not held, and she stated that an off-month report was provided in July 2019, but a report was not provided in August since it was close to the rescheduled PMM in early September. Ms. Johansen stated that there were minor changes in container numbers at the Central Waste Complex (CWC), but the container numbers remained the same at T Plant and the Waste Receiving and Processing (WRAP) facility.

Ms. Johansen reported that two boxes were shipped from outside storage A (OSA-A).

Ms. Johansen provided an update on the waste disposition performance at the SWOC facilities. Ms. Johansen noted that a new activity at CWC is the legacy laydown yards cleanup, which involves cleaning up and removing equipment that was staged for potential use in the future. The equipment is being removed because it has been determined it will not be used.

Ms. Johansen stated that there are no new activities occurring in the Low Level Burial Grounds (LLBG). Ms. Johansen noted that there was a severe storm event in August which resulted in a notification to Ecology that the head on the primary liner had exceeded 12 inches. Ms. Johansen added that questions were received from Ecology's inspection personnel, and responses were provided. Kelly Elsethagen (Ecology) stated that there may be a permitting issue associated with operating the pump in manual mode. Ms. Elsethagen indicated that the recent exceedance was the second or third in three years.

Ms. Johansen responded that when this recent exceedance occurred, the problem was rectified as soon as it was identified and the sump level was reduced to below the regulatory limit. Ms. Elsethagen stated that the issue needs to be reviewed in an effort to manage the situation and avoid an exceedance. Ingrid Siddoway (DOE-RL) stated that she and other DOE-RL personnel conducted a tour of the pumps and trenches 31/34, and are looking into this issue as well.

Ms. Johansen stated that there was an electrical outage at WRAP that lasted over a week. The purpose of the outage was to support refurbishment of a transformer, and the power needed to be turned off. Ms. Johansen noted that there were no ongoing activities at WRAP during the outage.

Ms. Johansen reported that the 20th and final sludge shipment was received at T Plant on Monday (9/9/19), and the final sludge transport and storage container (STSC) was placed in the cell yesterday. Ms. Johansen noted that the final receipt of sludge from the K Basins was a major accomplishment as far as moving the sludge away from the Columbia River. The next phase will be the receipt of garnet and sand filters from K Basins in FY 2020. Ms. Johansen stated that planning is under way for high-efficiency particulate air (HEPA) filter change-outs in 291-T, and the HEPA filter change-outs were completed in 2706-T Act 1 and Act 2.

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. Johansen stated that the primary activity under the Agreed Order is associated with the box cover repair and replacement. Ms. Johansen noted that the new process for installing the box covers has significantly reduced the wind damage to the box covers and the need for repair or replacement.

B. CAFO

Ms. Johansen noted that the Data Quality Objective (DQO) session No. 3 is to be rescheduled when the U. S. Environmental Protection Agency (EPA) has its statistician available. Ms. Johansen stated that Ecology requested some text regarding 2401-W, and the information is being prepared. Ms. Elsethagen reported that she met with EPA last week, and EPA has the statistician on board. Ms. Elsethagen stated that she is working with EPA to optimize the use of the statistician since it is a small contract amount, and she estimated that a date could be provided to the SWOC personnel for restarting the DQO in about two weeks.

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

Ms. Johansen stated that Ecology personnel are coming to the site on September 25, 2019 to review inspection procedures. Ms. Johansen stated that Ecology's comments were incorporated into the LLBG process information and transmitted it back to Ecology. Ms. Elsethagen stated that Ecology received the transmittal and is reviewing the changes.

D. Sludge Storage at T Plant

Ms. Johansen noted that the 20th and final STSC was received at T Plant, completing the sludge receipt activities for FY 2019.

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

A. There were no signed changes to discuss.

VII. General Discussion

A. There were no topics for general discussion.

VIII. Actions

Ms. Johansen stated that there were no new action items established today, and all of the other actions are being worked through the permitting meetings. Ms. Johansen noted that the action to provide the off-month operations report was discussed under agenda item No. 2. Ms. Johansen stated that the next regularly scheduled PMM will be held in October, and the off-month report will be provided the following month in accordance with the action item.

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 October 24, 2019.

Actions Table

Solid Waste Operations Complex (SWOC) Project Managers Meeting Minutes
T Plant, Low Level Burial Ground (LLBG), Waste Receiving and Processing (WRAP), and Central Waste Complex (CWC)

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.

RCRA-Regulated Inventory

Number of Containers/Tanks and Volume as of 9-5-2019

Facility	Drum/Small Container ¹	Medium Container ²	Large Container ³	Total Volume
CWC (July)	5592 (1372 m ³)	838 (1468 m ³)	337 (4760 m ³)	7660 m ³
CWC (September)	5591 (1382 m ³)	847 (1484 m ³)	335 (4736 m ³)	7602 m ³
T Plant (July)	9 (2 m ³)	0 (0 m ³)	8*(303 m ³)	305 m ³ *
T Plant (September)	9 (2 m ³)	0 (0 m ³)	8*(303 m ³)	305 m ³ *
WRAP (July)	217 (49 m ³)	0 (0 m ³)	8 (363 m ³)	412 m ³
WRAP (September)	217 (49 m ³)	0 (0 m ³)	8 (363 m ³)	412 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

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 (7/29/2019)	Number of Waste Containers in storage (9/5/2019)	Volume of Waste Containers in storage (9/5/2019)	Notes/Comments in Inventory Change from Previous Month
Outside Storage Area A	173	102	100	2905 m ³	Shipped TC193 to PFNW on 8/1/19 and TC213 on 8/13/19
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	108	106	3196 m³	

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

Waste Disposition Performance

Facility	Status as of 09-5-2019
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 (CERCLA –TRU waste in NOSA) to PFNW. • Conducted Fire Suppression System testing & inspection with HFD • Box cover deficiencies are being tracked and repaired in FY2019. • Continue roll-up door preventative maintenance and repairs. • Mining, segregating, and overpacking watch list drums. • 2403 Series Roof Repairs <p><u>NEW ITEMS</u></p> <ul style="list-style-type: none"> • Legacy Laydown Yards Cleanup
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 • Pump preventative maintenance and repairs at Trenches 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"> • Electrical Outage to Support Transformer Refurbishment Completed
T Plant	<p><u>CONTINUING</u></p> <ul style="list-style-type: none"> • Continuing surveillance and maintenance activities. • Current total received 20 STSCs <p><u>NEW ITEMS</u></p> <ul style="list-style-type: none"> • All sludge STSCs for FY2019 have been received • Continue replacing canyon high bay lights and cameras • Planning HEPA Filters changes in 291-T in CY2019 • Completed 2706-T (Act 1 & 2) HEPA filter 10 year change out

RCRA-Regulated Inventory

Number of Containers/Tanks and Volume as of 7-29-2019

Facility	Drum/Small Container ¹	Medium Container ²	Large Container ³	Total Volume
CWC (June)	5591 (1364 m ³)	825 (1445 m ³)	338 (4851 m ³)	7660 m ³
CWC (July)	5592 (1372 m ³)	838 (1468 m ³)	337 (4760 m ³)	7600 m ³
T Plant (June)	10 (2 m ³)	0 (0 m ³)	8*(303 m ³)	305 m ³ *
T Plant (July)	9 (2 m ³)	0 (0 m ³)	8*(303 m ³)	305 m ³ *
WRAP (June)	217 (49 m ³)	0 (0 m ³)	8 (363 m ³)	412 m ³
WRAP (July)	217 (49 m ³)	0 (0 m ³)	8 (363 m ³)	412 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

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 (6/25/2019)	Number of Waste Containers in storage (7/29/2019)	Volume of Waste Containers in storage (7/29/2019)	Notes/Comments in Inventory Change from Previous Month
Outside Storage Area A	173	104	102	2929 m ³	Shipped TC192 to PFNW on 7/9/19 and TC202 on 7/25/19
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	110	108	3220 m³	

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

Waste Disposition Performance

Facility	Status as of 07-29-2019
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 (CERCLA –TRU waste in NOSA) to PFNW. • Conducted Fire Suppression System testing & inspection with HFD • Box cover deficiencies are being tracked and repaired in FY2019. • Continue roll-up door preventative maintenance and repairs. • Mining, segregating, and overpacking watch list drums. <p><u>NEW ITEMS</u></p> <ul style="list-style-type: none"> • Legacy Laydown Yards Cleanup
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 • Pump preventative maintenance and repairs at Trenches 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"> • 2401-WB Roof Repairs complete • Electrical Outage to Support Transformer Refurbishment
T Plant	<p><u>CONTINUING</u></p> <ul style="list-style-type: none"> • Continuing surveillance and maintenance activities. • Current total received 17 STSCs <p><u>NEW ITEMS</u></p> <ul style="list-style-type: none"> • Next STSC shipment planned for ~ 8/01/19 • Continue replacing canyon high bay lights and cameras • Planning HEPA Filters changes in 291-T and 2706-T (Act 1 & 2) filter banks in CY2019

**SOLID WASTE OPERATIONS COMPLEX (SWOC)
PROJECT MANAGERS MEETING**

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

**2420 Stevens Center, CR-308
Richland, Washington**

September 12, 2019

ATTENDANCE LIST

	NAME (Please PRINT)	ORGANIZATION
1.	Sandy Shore	Admin
2.	Kathy Knox	Court reporter
3.	Stephanie Johansen	CHPRC
4.	Morgan Johnson	Ecology
5.	Kelly Elsethagen	Ecology
6.	Kathy Higgins	DOE
7.	Sara Aulth	CHPRC
8.	Ingrid Sultbury	DOE
9.	Gary Pyles	DOE
10.	Scott Davis	WDA -TPA
11.		
12.		
13.		
14.		
15.		
16.		
17.		
18.		
19.		
20.		
21.		
22.		

**SOLID WASTE OPERATIONS COMPLEX (SWOC)
PROJECT MANAGERS MEETING**

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

**2420 Stevens Center, CR-308
Richland, Washington**

**September 12, 2019
1:30 P. M. to 2:00 P. M.**

AGENDA

- I. The June 27, 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
- 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 (SWOC) Project Managers Meeting
T Plant, Low Level Burial Ground (LLBG), Waste Retrieval and Processing (WRAP), and Central Waste Complex (CWC)

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.