

Meeting Minutes Transmittal

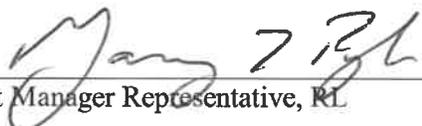
**SOLID WASTE OPERATIONS COMPLEX (SWOC)
PROJECT MANAGERS MEETING**

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

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

June 27, 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.


Project Manager Representative, RL Date: 8/8/19


Project Manager Representative, Ecology Date: 8/8/19

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 126
Richland, Washington**

June 27, 2019

I. Stephanie Johansen (CHPRC) stated that the April 25, 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 Fullmer (CHPRC) provided an update on the operational status for the SWOC facilities (see handout). Mr. Fullmer referred to the table for the RCRA-regulated inventory and stated that seven medium containers were received back at Central Waste Complex (CWC), two large containers were shipped out of CWC, and one small container was received at T Plant.

Mr. Fullmer reported that two large container shipments were made from the Outside Storage Area A (OSA-A) to Permafix Northwest on June 4 and June 13, 2019.

Mr. Fulmer stated that a new activity at CWC is the legacy laydown yards cleanup. Kelly Elsethagen (Ecology) inquired about the legacy laydown yards. Ms. Johansen responded that after a project has been completed, the equipment is consolidated in an area with the intent to use the equipment again. Ms. Johansen added that after the equipment has been sitting in an area and has not been used, it is removed.

Mr. Fullmer noted that the same activities continue in the Low level Burial Grounds (LLBG), including leachate collection removal system operation and receipt of waste shipments into trenches 31 and 34. Ms. Elsethagen asked if offsite waste is ever received in trenches 31/34. Gary Pyles (DOE-RL) responded that it's all onsite waste that is received in trenches 31/34, and the waste that's received back from Permafix Northwest is all onsite-generated waste. Ms. Elsethagen asked if CWC ever receives offsite waste. Ms. Johansen stated that the waste received at CWC is Hanford Site waste, including shipments that went to Permafix and then sent back to CWC.

Mr. Fullmer stated that roof repairs to 2404-W were recently started at WRAP.

Mr. Fulmer reported that the 16th sludge transport and storage container (STSC) was received at T Plant on Monday (6/24/19), and the next STSC shipment is expected to be received on July 14, 2019. Ms. Elsethagen inquired about the schedule for the sludge shipments. Ms. Johansen responded that the schedule for the sludge shipments to T Plant is to be completed by the end of September 2019. Mr. Pyles added that there are a planned total of 22 STSCs coming into T Plant. Ms. Elsethagen inquired about any future plans after all the sludge has been shipped to T Plant. Ms. Johansen stated that there will be other sludge-related waste that will be received at T Plant in fiscal year 2020, and there are also future uses planned for T Plant under the M-091 milestones. Mr. Pyles stated that there is a potential to use T Plant for repackaging, but that will have to be coordinated so it doesn't conflict with managing the sludge and packaging it for shipment to the Waste Isolation Pilot Plant (WIPP).

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 repairs, and since the last PMM there has been one box cover that incurred some wind damage and was repaired.

B. CAFO

John Temple (Ecology) stated that the end of August 2019 is targeted for taking the closure plans out for public comment.

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

Ms. Johansen stated that the LLBG process information comment responses associated with the SWOC Part B permit application were sent to Ecology at the end of May 2019. Ms. Elsethagen stated that her team has started reviewing the comments, and Ecology is working with EPA to ensure all of their comments have been addressed.

D. Sludge Storage at T Plant

Ms. Johansen noted that the 16th STSC was received at T Plant on Monday (6/24/19). Ms. Johansen added the STSC shipments continue to move smoothly and there have been no issues with the sludge storage activities.

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

There were no new action items established today. Mr. Fullmer prepared the off-month report, and Mr. Pyles transmitted the 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 next PMM was scheduled for August 22, 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 6-25-2019

| Facility | Drum/Small Container ¹ | Medium Container ² | Large Container ³ | Total Volume |
|----------------|-----------------------------------|-------------------------------|------------------------------|----------------------|
| CWC (May) | 5591 (1364 m ³) | 818 (1432 m ³) | 340 (4933 m ³) | 7728 m ³ |
| CWC (June) | 5591 (1364 m ³) | 825 (1445 m ³) | 338 (4851 m ³) | 7660 m ³ |
| T Plant (May) | 9 (2 m ³) | 0 (0 m ³) | 8*(303 m ³) | 305 m ³ * |
| T Plant (June) | 10 (2 m ³) | 0 (0 m ³) | 8*(303 m ³) | 305 m ³ * |
| WRAP (May) | 217 (49 m ³) | 0 (0 m ³) | 8 (363 m ³) | 412 m ³ |
| WRAP (June) | 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 (5/30/2019) | Number of Waste Containers in storage (6/25/2019) | Volume of Waste Containers in storage (6/25/2019) | Notes/Comments in Inventory Change from Previous Month |
|-----------------------------|---|---|---|---|--|
| Outside Storage Area A | 173 | 106 | 104 | 3027 m ³ | Shipped 2345Z1222 to PFNW on 6/4/19 and 234529188 on 6/13/19 |
| 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 | 112 | 110 | 3318 m³ | |

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

Waste Disposition Performance

| Facility | Status as of 06-25-2019 |
|----------|---|
| 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"> • 2404-WB Roof Repairs underway |
| T Plant | <p><u>CONTINUING</u></p> <ul style="list-style-type: none"> • Continuing surveillance and maintenance activities. • Current total received 16 STSCs <p><u>NEW ITEMS</u></p> <ul style="list-style-type: none"> • Next STSC shipment planned for ~ 7/14/19 • 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 • Construction Forces completed minor repair to the 214T Waste Storage Facility Roof. |

RCRA-Regulated Inventory

Number of Containers/Tanks and Volume as of 5-30-2019

| Facility | Drum/Small Container ¹ | Medium Container ² | Large Container ³ | Total Volume |
|-----------------|-----------------------------------|-------------------------------|------------------------------|----------------------|
| CWC (April) | 5589 (1363 m ³) | 810 (1418 m ³) | 343 (5002 m ³) | 7783 m ³ |
| CWC (May) | 5591 (1363 m ³) | 818 (1432 m ³) | 340 (4933 m ³) | 7728 m ³ |
| T Plant (April) | 9 (2 m ³) | 0 (0 m ³) | 8*(303 m ³) | 305 m ³ * |
| T Plant (May) | 9 (2 m ³) | 0 (0 m ³) | 8*(303 m ³) | 305 m ³ * |
| WRAP (April) | 217 (49 m ³) | 0 (0 m ³) | 8 (363 m ³) | 412 m ³ |
| WRAP (May) | 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 (4/22/2019) | Number of Waste Containers in storage (5/30/2019) | Volume of Waste Containers in storage (5/30/2019) | Notes/Comments in Inventory Change from Previous Month |
|-----------------------------|---|---|---|---|---|
| Outside Storage Area A | 173 | 109 | 106 | 3109 m ³ | Shipped 2345Z1222 to PFNW on 4/25/19, WH-82-058 on 5/16/19 and 3597-9-148 on 5/23/19 |
| Outside Storage Area B | 5 | 5 | 5 | 263 m ³ | Initial inventory of dangerous waste containers on 01/24/14 was actually 5 containers; no dangerous waste containers have been removed from OSA B since that time. This is a one time correction. |
| 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 | 115 | 112 | 3400 m³ | |

[1] DWMUs are based on those listed in the Agreed Order, exhibit B. SWOC PMM Operations Report for May 2019

Waste Disposition Performance

| Facility | Status as of 05-30-2019 |
|----------|--|
| 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. • <u>NEW ITEMS</u> • 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> |
| T Plant | <p><u>CONTINUING</u></p> <ul style="list-style-type: none"> • Continuing surveillance and maintenance activities. • Current total received 14 STSCs <p><u>NEW ITEMS</u></p> <ul style="list-style-type: none"> • Next STSC shipment planned for ~ 6/10/19 • 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 • Construction Forces performing minor repair to the 214T Waste Storage Facility Roof. |

**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-126
Richland, Washington**

June 27, 2019

ATTENDANCE LIST

| | NAME (Please PRINT) | ORGANIZATION |
|-----|--------------------------------|---------------------|
| 1. | Sandy Shore | CHPRC |
| 2. | Kathy Knox | court reporter |
| 3. | Stephanie Johansen | LHPAC |
| 4. | Laura Schroder | Ecology |
| 5. | Kathy Niggins | DOE |
| 6. | Morgan Johnson | Ecology |
| 7. | Kelly Elsethagen | Ecology |
| 8. | Sonatha Fullmer | CHPRC |
| 9. | Scott Davis | MSA - TPA |
| 10. | Daniel Houston | ECY |
| 11. | Ingrid Siddaway | DOE-RL |
| 12. | John Temple | ECY |
| 13. | Ed Soto | ECY |
| 14. | Gazy Pyles | DOE/RL |
| 15. | | |
| 16. | | |
| 17. | | |
| 18. | | |
| 19. | | |
| 20. | | |
| 21. | | |
| 22. | | |

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

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and Central Waste Complex (CWC)**

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

**June 27, 2019
10:00 A. M. to 11:00 A. M.**

AGENDA

- I. The April 25, 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. |