

**Meeting Minutes Transmittal**

**LERF/200 Area ETF and WESF  
Project Managers Meeting  
825 Jadwin / Room 540S  
Richland, Washington  
October 30, 2014**

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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.



Date: 4 Dec. 2014

Project Manager Representative, Ecology



Date: 4 Dec 14

Project Manager Representative, RL

LWFS Administrative Record	H6-08
FW Bond	H0-57
JB Borghese	H8-43
MS Collins	A6-38
KA Conaway	H0-57
BJ Dixon	T3-11
TA Hopkins	H8-45
RH Engelmann	H8-45
SK Johansen	T1-41
RL Long, Jr.	A5-15
ET McCarthy	S5-31
VA Turner	A6-11
LC Petersen	S5-31

LERF/200 Area ETF and WESF  
Project Managers Meeting Minutes  
825 Jadwin/Room 460/700 Area  
Richland, Washington

October 30, 2014

- I. The August 28, 2014, Project Managers Meeting (PMM) minutes were approved and submitted to the Administrative Record (AR). There were no PMMs held in September 2014.

- II. Operational Status

Ed McCarthy (CHPRC) provided the operational status for the LERF/ETF/200 Area TEDF activities (see handout). Mr. McCarthy noted that no more waste drums are being received from WSCF. Mr. McCarthy stated that all of the WSCF drums that were at the facility have been processed into the LERF basins, and all the empty drums have been disposed of compliantly at ERDF. Mr. McCarthy stated that a contract was let in July 2014 for the replacement heat exchanger at ETF, and it is on schedule to be delivered around the first of May 2015. Mr. McCarthy stated that all of the cleanup activities on the three LERF basins have been completed, and the quarterly inspection was done according to the new air operating permit requirements.

Mr. McCarthy reported that the two cuts on the Basin 42 liner were repaired. Mr. McCarthy noted that the vendor tried using an extrusion weld, which held as a formal patch to the cuts. The vendor is due next week to repair the other 11 spots that were identified, and an extrusion weld will be used on those areas. Mr. McCarthy stated that repair options are being identified to repair the cuts on the Basin 44 cover. The cuts are about 100 feet out over the water, which pose job site hazards, and the repair options will be shared at a later date. Mr. McCarthy reported that the replacement carbon canister for Basin 44 has been ordered and should arrive in about two weeks. The carbon canister system has been added to a regular preventative maintenance schedule, and it will be inspected twice a year to ensure there are no issues in the future.

Mr. McCarthy stated that DOE has announced that April 1, 2015, is the date for the transition of ETF/LERF/SALDS/TEDF from CHPRC to WRPS. Mr. McCarthy indicated that WRPS's transition plan should be ready for release around mid-January 2015. Mr. McCarthy noted that since the heat exchanger will be delivered around the April 1, 2015, transition window, WRPS will take the lead on installation of the heat exchanger. Mr. McCarthy added that ETF staff will support WRPS in the technical aspect of replacing the heat exchanger.

Rick Bond (Ecology) initiated a discussion about transferring the LERF/ETF permit from CHPRC to WRPS. Mr. Bond stated that Dave Bartus (EPA) has indicated there is more involved than just transferring the permit, and that he and Stacy Nichols (Ecology) became aware of EPA's position last week. Mr. Bond added that he and Ms. Nichols had very little knowledge or understanding of EPA's position, and that EPA may be asking for more than a revision to the Part A and may also require a revised Part B. Mike Collins (RL) stated that the current plan is to transfer the permit in the same way that the contract was transitioned from Fluor to CHPRC in 2008. Julie Reddick (RL) expressed concern that EPA's position would be setting a precedent for whenever a contract is changed, and that instead of assigning responsibilities, everything would have to be rewritten. Ms. Reddick added that it could also be establishing an expensive precedent.

Joel Williams, Jr. (CHPRC) stated that updating the Part A makes sense, but if the Part B has to be redone, the April 1, 2015, transition schedule would be impacted. Mr. Williams noted that the WRPS transition staff should probably be informed. Mr. McCarthy stated that he would inform his transition team that EPA is indicating there may be a potential change in the transition process. Mr. Bond stated that he would meet with the Ecology permit coordinator next week, who is working with EPA and the attorneys, to better understand the issue and will provide an update to RL/CHPRC. Mr. McCarthy stated that both CHPRC and WRPS are moving forward quickly to make the transition happen in a lot different ways. Mr. McCarthy added that if EPA's position affects the time line to meeting the April 1 transition date, there will be impacts to the contract, the budget, funding and staffing.

Dave Watson (CHPRC) provided the operational status regarding WESF activities (see handout). Mr. Watson stated that the conceptual design report associated with facility stabilization and the K-3 ventilation system upgrades has been completed and approved. Mr. Watson noted that the report provides a technical baseline for the project as well as the cost and schedule. Mr. Watson stated that the RCRA Part A permit, the Part B permit and the closure plan have been prepared in draft form and will be transmitted to Ecology over the next few months for review. Mr. Watson noted that the three documents are to support the current stabilization activities. Mr. Bond asked if the stabilization activities equate to dry storage. Mr. Collins responded that there are two parts to the stabilization activities, and they are considered two different projects. One project will be the K-3 filter replacement and grouting of the hot cells and duct work, and the second project is dry storage. Mr. Collins noted that there has been considerable effort to separate the two projects. Ms. Reddick added that the two project numbers are W-130 and W-135.

Mr. Bond stated that the public comment period ended two weeks ago regarding the permit modification to repair the LERF basin liner. Mr. Bond noted that two comments were received and a response has been provided. Mr. Collins indicated that RL hadn't received any comments. Ms. Nichols stated that the response to comments document will be attached to the approval letter, which is in peer review. Mr. Bond added that Ecology will be sending RL the letter approving the permit mod, and RL will be asked to submit a final copy of the permit mod to Ecology.

III. Status of Previous Agreements and Commitments

A. There were no previous agreements or commitments to status.

IV. New Agreements and Commitments

A. There were no new agreements or commitments identified for discussion.

V. Near Term Schedules and Ongoing Activities (Milestones, TSD Unit)

A. ST-4500, ST-4502 and ST-4511 Status

Ms. Nichols stated that the ST-4500 permit has been completed and is in peer review, and the permit will take effect January 1, 2015. Ms. Nichols indicated that there were no updates to report regarding the ST-4502 or the ST-4511 permits. Mr. Collins stated that there have been discussions associated with the PFP facility and the possibility of putting in a couple of tanks at PFP as part of its slab-on-grade closure, which would affect the ST-4502 TEDF permit. Mr. Bond stated that there have been discussions at the PFP PMMs regarding the discharge to TEDF, which had been a large discharge but will become very minimal. Mr. Bond added that the option of putting in a tank to collect the discharge had been discussed. Rick Engelmann (CHPRC) noted that another option discussed was discharging to the ground if the discharge meets WAC 173-200 limits. Mr. Engelmann stated that he would have a discussion with Bill

Cox (CHPRC), the PFP ECO, about further addressing the subject. Mr. Engelmann added that the primary reason for treating the discharge before putting it into the TEDF system was because the water was routed through a contaminated sump, and now the intent is to capture the discharge upstream of the contaminated sump.

B. LERF Basin Maintenance

Mr. Engelmann noted that Mr. McCarthy provided an update on the LERF basin maintenance under operational status.

C. Hanford Facility RCRA Permit Rev. 9 Update

Mr. Bond stated that an internal meeting was held yesterday, and the Rev. 9 process is moving very slowly. It was noted that RL received one Conceptual Agreement Package (CAP) from Ecology in July 2014, but the CAP was not transmitted to CHPRC.

D. 8C/Class 2 Modifications

Mr. Engelmann stated that a status on the 8C/Class 2 mods was discussed under operational status regarding the LERF basin liner repair. Mr. Bond noted that a temporary authorization (TA) to proceed had been granted to RL.

E. ETF Heat Exchanger

Mr. Engelmann stated that Mr. McCarthy provided an update on the heat exchanger under operational status.

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

A. There were no approved changes identified for discussion.

VII. General Discussion

A. There were no topics for general discussion.

VIII. Actions

A. An action was established for Ecology to provide RL/CHPRC information regarding potential changes to the requirements for transferring the LERF/ETF permit to WRPS.

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 tentatively scheduled for December 4, 2014.

### **LERF/ETF/200 AREA TEDF ACTIVITIES:**

- Treatment of wastewater is suspended due to heat exchanger issues.
- A contract has been let for the procurement of a replacement heat exchanger.
- LERF Basin 42, 43, and 44 annual cover cleaning activities are complete.
- LERF Basin deficiency repairs:
  - Basin 42:
    - Two cuts identified on the liner above water line required a Class 2 RCRA Permit Modification that was approved to allow repairs without emptying the basin. Repairs were completed on October 1.
  - Basin 44:
    - Repair techniques for cuts on the cover over the water level are being identified and under review taking into the consideration the job site hazards.
    - A Carbon canister used to filter gases collected in the head space below the cover that are vented to the environs was been found to have a deficiency with a connection assembly. Replacement canister has been ordered.
- A date of April 1, 2015 has been set for the transition of ETF/LERF/SALDS/TEDF from CHPRC to WRPS. WRPS is performing an "extent of condition" review in accordance with their transition plan.
- WRPS has also been directed to take the lead for planning the construction associated with replacing the ETF heat exchanger.
- The last of the containerized liquid waste from the WSCF was transferred to LERF Basins 43 and 44.

### **WESF ACTIVITIES:**

- Planning for stabilization of portions of the facility along with modifications to the K-3 ventilation system is in progress. Conceptual design of the stabilization facets as well as the ventilation upgrades has been completed.
- Radiological surveys of the canyon have been performed. These surveys will provide characterization information to support upcoming project-related activities.
- Drafts of a revised RCRA Part A Permit, Part B Permit, and Closure Plan have been prepared in support of the stabilization activities.

LERF-ETF-WEST PM M

October 30, 2014  
Attendees:

Rick Engelman

Kathy Knox

David Watson

PS Stadler

Edward McCarthy

Stacy Nichols

Rick Bond

Michael Collins

Brian Dixon

Jeff Williams Jr.

Jolie Reddick

LINDA Petersen

**PMM**

**AUGUST AND SEPTEMBER 2014  
WESF/ETF/LERF/200 AREA TEDF OPERATIONS REPORT  
FOR THE OCTOBER 30, 2014 PMM**

LERF Basin Liquid Level, Inventory and Waste Received - August & September 2014			
	Basin 42	Basin 43	Basin 44
Basin Liquid Level and Inventory on 9/30/2014	10.8 ft. ~2.62 Mgal	14.0 ft. ~3.79 Mgal	19.2 ft. ~6.13 Mgal
3 tanker shipments of AZ-301	19,500 gallons		
4 tanker shipments of MW Burial Trench #31 and #34 Leachate			28,000 gallons
8 shipments of WSCF/100N drums		4600 gallons	1500 gallons
9 tanker shipments of BP-5 perched water		~22,500 gallons	
ERDF leachate transfers		~283,600 gallons	

\* The volumes in this table are estimated. Tanker shipment volumes are estimated by multiplying the number of shipments by the capacity of the tanker being used.

Effluent Treatment Facility treated ~ 0 Mgal of wastewater during August and September 2014.

200 Area Treated Effluent Disposal Facility (TEDF) received wastewater at an average flow rate of about 1245 gpm during August and September 2014, based on TEDF Flow Totalizer information.

**LERF/200 AREA ETF and WESF PROJECT MANAGERS MEETING**  
**825 Jadwin / Room 540S**  
**Hanford, Washington**  
**October 30, 2014**

**3:00 p.m. to 3:30 p.m.**

**Agenda**

- I. The August 22, 2014, PMM minutes are pending signature approval by RL and Ecology representatives and will be submitted to Administrative Record (AR) after approved. There were no subject PMMs held in September 2014.
- II. Operational Status
- III. Status of Previous Agreements and Commitments
- IV. New Agreements and Commitments
- V. Near Term Schedules and Ongoing Activities (Milestones, TSD Unit)
  - A. ST-4500, ST-4502 and ST-4511 status
  - B. LERF Basin Maintenance
  - C. HF RCRA Permit Rev. 9 Update
  - D. 8C/Class 2 Mods
  - E. ETF Heat Exchanger
- VI. Approved Changes Signed Off in Accordance with TPA Section 12.2
- VII. General Discussion
- VIII. Actions

Unit	Description of Action	Status	Date
- IX. Documents for Submittal to the Administrative Record
- X. Next Project Managers Meeting