

**Meeting Minutes Transmittal**

**LERF/200 Area ETF and WESF  
Project Managers Meeting  
825 Jadwin / Room 554  
Richland, Washington  
October 25, 2012**

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.

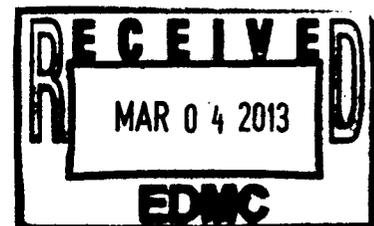
  
Project Manager Representative, Ecology

Date: 24 Jan 2013

  
Project Manager Representative, RL

Date: 24 Jan 13

LWFS Administrative Record	H6-08
FW Bond	H0-57
MS Collins	A6-38
KA Conaway	H0-57
BJ Dixon	T3-11
RH Engelmann	H8-45
SK Johansen	T1-41
RL Long, Jr.	A5-15
VA Turner	A6-11
LC Petersen	S5-31
PT Saueressig	S5-31
FM Simmons	H8-45



LERF/200 Area ETF and WESF  
Project Managers Meeting Minutes  
825 Jadwin/Room 554/700 Area  
Richland, Washington

October 25, 2012

- I. The July 26, 2012 and September 27, 2012, LERF/200 Area ETF and WESF Project Managers Meetings were canceled. The August 23, 2012, LERF/200 Area ETF and WESF Project Managers Meeting minutes were approved by RL and Ecology and are available in Administrative Records  
(<http://www5.hanford.gov/arpir/?content=findpage&AKey=0091358>).

II. Operational Status

- A. Linda Petersen (CHPRC) provided the operational status for LERF/200 Area ETF for the two-month period of August and September 2012.

LERF Basin Liquid Level, Inventory and Waste Received during June/July			
	Basin 42	Basin 43	Basin 44
Basin Liquid Level and Inventory on 10/1/2012	20.3 ft. and ~6.71 Mgal	9.6 ft and ~2.24 Mgal	17.7 ft and ~5.40 Mgal
5 tanker shipments of leachate from LLBG trenches 31 & 34			~35,000 gallons
8 tanker shipments of BP-5 perched water		~20,000 gallons	
4 tanker shipments of MASF sludge simulant			~16,000 gallons
1 tanker shipment of 100N miscellaneous cleanup water		~4,000 gallons	
ERDF transfers		~385,370 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 no wastewater during the reporting period
200 Area Treated Effluent Disposal Facility (TEDF) received wastewater at ~45 gpm during August & September. This estimate was based on TEDF Flow Totalizer readings.

III. Status of Previous Agreements and Commitments

- A. Class 2 Status (denial of tank mod; Letter 12-NWP-143 dated 8/20/2012)  
RL/CHPRC's request for a Class 2 modification associated with the installation of tank 117 was denied via Ecology letter No. 12-NWP-143 on August 20, 2012.  
Installation of the tank is on hold.

**IV. New Agreements and Commitments**

- A. Rick Engelmann (CHPRC) initiated a discussion regarding RL/CHPRC's submittal of a Class 1 modification to Ecology associated with replacement of the LERF pump. Rick Bond (Ecology) stated that denial of the Class 1 mod was based on the size of the new pump being outside the specifications of the old pump, and that a Class 2 mod would be required. Mike Collins (RL) stated that the option of proceeding with a Class 2 mod is unlikely. Mr. Collins suggested that Ecology send RL a discretionary enforcement letter, and that the letter note the information for the new pump will be incorporated into the Hanford Facility RCRA Permit Revision 9. Mr. Bond agreed with the option of sending a letter, and will discuss it with his management. Jennie Seaver (CHPRC) noted that RL/CHPRC submitted comments in Rev. 9 to be consistent with the information on the pump, and requested a new agreement or commitment from Ecology to review those comments in Rev. 9 and confirm with RL/CHPRC that the comments have been identified. The email that was sent by Mr. Bond on October 22, 2012 to several parties will be attached to today's meeting minutes to capture the history of the pump and demonstrate RL/CHPRC's intent to correct the information on the pump in Rev. 9.

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

- A. LERF/ ETF Powder  
Mr. Collins stated that RL has accepted EPA's interpretation on the powder designation, and the powder will have to be treated. Mr. Collins noted that as a result, the LERF/ETF is being backed up both operationally and radiologically and is running into the potential situation of double-handling the waste. Mr. Collins added that the cost estimate is \$150,000 to treat the waste in order to meet Land Disposal Restriction (LDR) standards. Mr. Bond stated that Wayne Toebe (CHPRC) is working on some new information regarding the powder designation. A copy of the Environmental Restoration Disposal Facility (ERDF) memo of meeting minutes among RL, WCH and EPA, including a regulatory analysis pertaining to the subject, will be attached to today's meeting minutes.
- B. Hanford Facility RCRA Permit Rev. 9 Status  
Mr. Engelmann noted that RL/CHPRC submitted the Rev. 9 comments to Ecology on October 18, 2012. The comment period ended October 22, 2012.
- C. ST4502 Permit Status  
Mr. Engelmann noted that the ST4502 permit was issued two months ago, and efforts are continuing to implement the new electronic recording system. Fen Simmons (CHPRC) added that the new permit requires the discharge monitoring reports (DMRs) to be submitted electronically within 30 days. The electronic system is not operational yet, and a letter transmitting the DMRs was delivered to Ecology yesterday. Ms. Petersen stated that the new permit requirements include a submittal of all the laboratory analyses, which were put on a CD due to the large amount of paper. Jim Rasmussen (RL) asked when the electronic system would become operational. Ms. Petersen responded that the DMRs are submitted every three months, so the electronic submittal will be next quarter. Mr. Engelmann noted that the requirement for signature authority is by name and not by position, which posed a challenge to completing the input of all the data into the system. It

was also noted that every time a signature authority changes position, the new information will have to be entered into the system. Mr. Engelmann indicated that Ecology would have to revise its whole system to accommodate RL's preference to designate signature authority by position versus specific individual names.

D. ST4500 Permit Status

Mr. Bond reported that the ST4511 permit is in the review process and should be ready to go out for public comment in December 2012. Mr. Bond stated that there was one industrial storm water area that was located, and there is not any waste in the area and no reason to require sampling. Mr. Bond noted that a list of the miscellaneous streams that have clean water runoff (compressors, ice machines) has been compiled, although those items are not inserted in the permit.

Mr. Bond stated that the ST4500 permit should go out for public comment by early next year, following ST4511. Mr. Simmons noted that Stacy Nichols (Ecology) requested a revision to the ST4500 permit application to capture the changes with the three wells and the monitoring requirements. Mr. Bond stated that there will be one well with water in it, and the two wells that went dry in the 200 Area State-Approved Land Disposal Site (SALDS) will be documented.

E. LERF Basin 44 Maintenance

Ms. Petersen provided an update on the cleanup of contamination on the LERF basin covers. Since Basin 44 has the most contaminated cover, and the workers need to be careful with the processes that are being used, cleanup was initiated on the Basin 42 cover in an effort to establish the cleanup techniques. The workers are suited up in personal protective gear and secured with harnesses before starting the removal of vegetation. The workers started moving the vegetation last Sunday and utilized several methods, including nets, a ball made out of chain, a long-reach tool with a hook, and an anchor moved via crane. After the vegetation is removed, the plans are to remove the bulk water and get it filtered, then remove the remainder of the water in totes and let the solids settle out. Ms. Petersen noted that Ecology will be notified when the cleanup work moves over to Basin 44, as requested. Ms. Petersen indicated that the work on Basin 44 will start in about two weeks. Mr. Rasmussen asked if a separate notification needs to be made to the Department of Health (DOH) when the work on Basin 44 is started. Ms. Petersen responded that the DOH was notified when work was initiated on Basin 42, and a separate notification is not required for Basin 44. Ms. Petersen added that the DOH will be notified again as a courtesy, and will run the notification through RL.

F. Appendix F, Prevention and Preparedness Modification

Ms. Seaver stated that Appendix F in Rev. 9 is where the comments on the LERF pump are located (see discussion under new agreements and commitments).

G. WESF

Vanessa Turner (RL) stated that the CD-0 document associated with the dry storage for the cesium/strontium capsules is on hold due to funding issues. Mr. Bond stated that Dirk Dunning (Oregon Department of Energy) has contacted him regarding an occurrence report about radiation affecting the integrity of the

concrete. Mr. Bond stated that Mr. Dunning considers the information in the occurrence report to be a serious issue. Mr. Simmons stated that there was an original occurrence report, and there have been several follow-up activities, and that Mr. Dunning is not up to date on the subject. Mr. Collins stated that it is not an identified problem, and the situation is being analyzed. It was agreed that Mr. Bond could provide Mr. Dunning with a point of contact at RL (Vanessa Turner or Al Farabee) to follow up with his concern.

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

A. There were no approved changes identified.

VII. General Discussion

A. There were no topics for general discussion.

VIII. Actions

A. Mr. Bond asked about the first action regarding catch basin drawings. Ms. Petersen responded that when the Waste Treatment Plant (WTP) connected to the LERF basins, minor modifications were made to two of the three catch basins. The LERF permit references the basin drawings, but the drawings are not included in the permit. Ms. Petersen stated that it was not clear whether the modified drawings were provided at the time, so the action was taken to provide Ecology the latest drawings. Ms. Seaver added that there are no revision numbers on the drawings, so it was not clear if Ecology has the correct drawings for their records.

Unit	Description of Action	Status	Date
LERF/200 Area ETF	RL will send Ecology a letter with updated copies of catch basin drawings	Action opened	4/26/12
		CHPRC will provide the drawings within two months	6/28/12
		This action will be addressed after the Rev. 9 comment period has ended (Sept/Oct 2012 time frame).	8/23/12
		Jennie Seaver (CHPRC) will follow up on this action	10/25/12
K Basin Water	Discussion (Mike Collins/Monica Kembel) re: source and volume feeds to 200 Area ETF	Action opened	6/28/12
		RL has the source and volume information and will provide it to Ecology	8/23/12
		RL provided the source and volume information to Ecology via email on 8/24/12. This action is closed.	10/25/12

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 December 6, 2012.

**PMM****AUGUST/SEPTEMBER 2012  
ETF/LERF/200 AREA TEDF OPERATIONS REPORT  
FOR THE OCTOBER 25, 2012 PMM**

<b>LERF Basin Liquid Level, Inventory and Waste Received During August/September</b>			
	<b>Basin 42</b>	<b>Basin 43</b>	<b>Basin 44</b>
<b>Basin Liquid Level and Inventory on 10/1/2012</b>	20.3 ft. ~6.71 Mgal	9.6 ft ~2.24 Mgal	17.7 ft ~5.40 Mgal
<b>5 tanker shipments of leachate from LLBG trenches 31 &amp; 34</b>			~35,000 gallons
<b>8 tanker shipments of BP-5 perched water</b>		~20,000 gallons	
<b>4 tanker shipments of MASF sludge simulant</b>			~16,000 gallons
<b>1 tanker shipment of 100-N miscellaneous cleanup water</b>		~4,000 gallons	
<b>ERDF transfers</b>		~385,370 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 no wastewater during the reporting period.**

**200 Area Treated Effluent Disposal Facility (TEDF) received wastewater at ~45 gpm during August and September. This estimate was based on TEDF Flow Totalizer readings.**

10/25/2012

9:00 - 9:30 LERF/ETF + WEST PM NS  
~~Sharon~~ Sharon Baddada EP/CHPRC 373-9792  
Kathy Knox Knox Court Reporting 946-5535  
Rick Engelmann CHPRC 376 7485  
LINDA Petersen CHPRC-F66 373-4200  
Gary Pyles DOE/RL 376-2670  
Michael Collins DOE-RL 376 6536  
Rick Bond Ecology 372-7885  
Jenne Seave CHPRC 376-7510  
Fen Simmons CHPRC 572 0413  
Lorna Dittmer CHPRC 376-7017  
Vanessa Turner DOE-RL 376 5503  
LEE Twott CHPRC 376-1045  
Al Course " 376-3143

