

MEETING MINUTES TRANSMITTAL

LERF/200 AREA ETF AND WESF  
Project Managers Meeting  
825 Jadwin / Room 554  
Richland, Washington

February 23, 2012

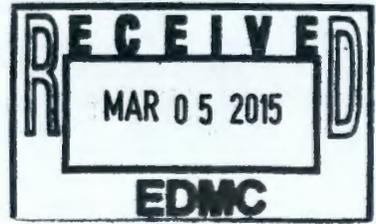
The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Project Managers Meeting. Signatures denote concurrence with the content only and are not intended to imply agreement to any commitments.

Frederick A. Bond Date: 4-26-12  
Project Manager Representative, Ecology

R Long Date: 4-26-12  
Project Manager Representative, RL

Arthur B. Mastren Date: 4/26/12  
Project Manager Representative, CHPRC

- LWFS Administrative Record H6-08
- FW Bond H0-57
- KA Conaway H0-57
- SM Kelley T4-06
- MR Kembel S5-31
- RL Long Jr. A5-15
- VA Mastren A5-11
- LC Petersen S5-31



LERF/200 AREA ETF AND WESF PROJECT MEETING MINUTES

Project Managers Meeting  
 825 Jadwin /Room 554 / 700 Area  
 Richland, Washington

February 23, 2012

- I. Approval of December 8, 2011 LERF/200 Area ETF and WESF Project Manager Meeting Minutes (Ecology/DOE-RL/CHPRC).
  - A. Approval of the December PMM minutes was deferred so corrections/additions could be made to the minutes. The January 2012 PMM was canceled.
  
- II. Operational Status
  - A. Linda Petersen (CHPRC) provided the operational status for LERF/200 Area ETF.

LERF Basin Liquid Level, Inventory and Waste Received during December/January			
	Basin 42	Basin 43	Basin 44
Basin Liquid Level and Inventory (based on 2/1/2012 facility operations report)	20.4 ft. and ~6.76 Mgal	12.7 ft and ~3.29 Mgal	21.8 ft and ~7.53 Mgal
Received 1 tanker shipment from CSC (formerly Advanced Med)			~300 gallons
Received 2 tanker shipments of leachate from LLBG trenches 31 & 34			~14,000 gallons
Received 1 tanker shipment of 100N wastewater			~4,000 gallons
ERDF transfers			~442,200 gallons
UP-1 transfers		~1,635,100 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 ~ 2.665 Mgal of Basin 43 wastewater during December & January
200 Area Treated Effluent Disposal Facility (TEDF) – receiving wastewater at ~23 gpm during December & January (average based on 12/01/2011 and 2/1/2012 TEDF Flow Totalizer readings)

- 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.

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

A. LERF/200 Area ETF Dangerous Waste Permit Status

Rick Bond (Ecology) stated that minor corrections to the LERF/200 Area ETF permits are being made (i.e. typos), and the intent is to have the LERF/200 Area ETF and WESF permits go out for public comment and review on May 1, 2012. Tony Miskho (CHPRC) provided a status on the updated groundwater permit conditions that Ecology sent to RL/CHPRC. The process has been finalized for the groundwater permit conditions, and agreement has been reached on the language for the permit conditions regarding the new well that has been drilled. Mr. Miskho stated that the characterization report will be revised, and the groundwater monitoring plan (Addendum D) will be revised to reflect an effective date within a certain number of days after the Hanford sitewide permit (Rev. 9) is in effect. The revised groundwater permit conditions were sent to back Ecology to review, and Ecology has posted them in Share Point. Mr. Miskho stated that RL/CHPRC reviewed Ecology's post on Share Point, and is in agreement with Ecology on the groundwater conditions for LERF. Mr. Miskho stated that RL/CHPRC are in agreement with Ecology on the LERF/200 Area ETF and WESF permits, with the exception of changes that have been proposed by Ecology to the contingency plan (see WESF discussion).

Mr. Miskho reported that RL's review comments were received regarding the Class 2 permit modification for the replacement of tank 117 in 200 Area ETF. Mr. Miskho stated that after RL's comments are incorporated, a meeting will be scheduled with Ecology to discuss the revised Class 2 permit mod. Mr. Bond stated that the intent is to process all the current Class 2 modifications for incorporation in the next quarterly Hanford sitewide permit modification. Mr. Miskho stated that he will review the permit renewal package for 200 Area ETF to ensure the Class 2 changes for tank 117 have been incorporated.

B. WESF Dangerous Waste Permit Status

Mr. Miskho stated that on January 31, 2012, Ecology sent a revised WESF contingency plan (Addendum J) which contained substantial changes that don't line up with the current emergency preparedness plan. Mr. Miskho noted that one of the major revisions is Ecology's proposal to delete the three-step criteria for implementing the contingency plan. Mr. Miskho added that during review of the 400 Area Waste Management Unit Addendum J, Ecology replaced the three-step criteria with the WAC language for implementation of the contingency plan. RL is reviewing the revised contingency plan. Michael Collins (RL) noted Ecology's intent to get the permits out for public comment by May 1, and indicated that there probably won't be any major revisions until after the public comment period is completed. At that time, comments would be submitted regarding Ecology's revision to Addendum J.

C. ST4502 Permit Status

Mr. Bond noted that the public comment period for the ST4502 permit was finalized in late 2011. The comments will be inserted on a new review comment record (RCR) form. There is one comment regarding the limit for iron in the permit. Mr. Bond stated that there had been internal discussion whether to keep the limit for iron in the permit or to remove it. Allan Cawrse (CHPRC) suggested that a monitoring-only limit for iron could be inserted into the permit. It was agreed that Ecology will schedule a meeting with RL/CHPRC to discuss the iron comment.

D. ST4500 Permit Status

Mr. Bond stated that Stacy Nichols (Ecology) has been out of the office, and there is no new status to report. Mr. Bond noted that Ms. Nichols has conducted work on the permits, and there shouldn't be too many changes needed. Ms. Petersen asked about the status of the request for approval to treat some PUREX wastewater at 200 Area ETF. Ms. Petersen stated that the wastewater is a very small volume (less than 8 gals), but it exceeds the permit acceptance envelope for two or three constituents, which triggers the request for approval. Once the wastewater is treated and gets below the limit, it will be sent to the State Approval Land Disposal Site (SALDS). Mr. Bond stated that the request has been reviewed. It was agreed to include a discussion on the request during the meeting that Ecology will schedule to discuss the iron comment associated with the ST4502 permit (see above.)

Mr. Dixon mentioned the letter requesting approval for the approach to the monitoring wells for the SALDS for ST4500. Mr. Bond noted that the letter states that two wells are going dry and can't be monitored, but they will be monitored through a third well. Mr. Bond pointed out that the letter does not include the fact that Ecology has agreed to the monitoring request, although there is documentation via the PMM minutes that Ecology agreed that the effluent coming out of the 200 Area ETF will be monitored. Ms. Petersen noted that there are always two types of monitoring. There is monitoring of the verification tanks, which is essentially the effluent as it leaves the facility, and there is monitoring of the groundwater. Ms. Petersen added that the letter only addresses the groundwater monitoring and doesn't talk about the effluent monitoring. It was agreed to include this discussion during the meeting that will be scheduled to discuss the iron comment (see ST4502).

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

- A. There were no approved changes identified.

VII. General Discussion

- A. Mr. Cawrse stated that Ecology has provided authorizations for discharges that were due to unanticipated events in the past few months, and he expressed appreciation to Ecology for their assistance regarding resolution of issues. Mr. Bond mentioned two recent/pending discharges, the asbestos water and a leak in

the 4502 line, and asked if the details in the discharge monitoring reports (DMRs) needed any follow-up. Fen Simmons (CHPRC) responded that the glycerin water will be included in the next DMR report, and that permission has been received from the EPA to discharge the remainder of the water under CERCLA authority. Mr. Simmons stated that there is a small amount of comingled water remaining (approx. 4,000 gals), and he is working to obtain the characteristics of the water before requesting approval from Ecology for an authorized discharge. Ms. Petersen stated that there are vacuum relief valves along the long stretches of pipelines in 4502, and occasionally there is a malfunction. There was a relief valve leak in the pipelines, and RL/CHPRC have been in discussions with Ecology to resolve the issue. Mr. Cawrse noted that there is a mechanism in the permit regarding an unanticipated or unplanned event that requires either preapproval or notification to Ecology, and the permit structure has allowed the permittee to function. Mr. Bond suggested discussing the recent discharges within the next two weeks to follow up.

VIII. Action

Unit	Description of Action	Status	Date
LERF/200 Area ETF	RL/CHPRC will determine if the tank 117 change-out should be a Class 1 mod or if the equivalent materials provision can be used	Action established	5/26/11
		RL/CHPRC and Ecology will meet next week to discuss and finalize the Class 1 modification package.	12/08/11
		RL/CHPRC and Ecology met in December 2011 to discuss the path forward after it was decided to develop a Class 2 modification package for the replacement of tank 117. The Class 2 mod package has been drafted, and Mr. Miskho will review the permit renewal language to ensure that the Class 2 language has been incorporated into the 200 Area ETF permit.	2/23/12

IX. Documents for Submittal to the Administrative Record

- A. The approval request for the approach to the monitoring wells for SALDS for the ST4500 permit was identified. (Letter number 12-EMD-0030, dated February 16, 2012.)

X. Next Project Managers Meeting

- A. The next PMM was scheduled for March 22, 2012.

**LERF/200 AREA, ETF, AND WESF  
Project Managers Meeting  
825 Jadwin / Room 554  
Hanford, Washington**

February 23, 2012

**Attendance List**

Name	Organization	Phone Number
Pg-Budbada	EP/CHPRC	373-9792
Kathy Knox	Knox Reporting	946-5535
Brian Dixon	EP/CHPRC	376-7053
Stephanie Johansen	CHPRC	373-1031
Tony Miskho	CHPRC	376-7313
Rick Bond	Ecology	372-7885
Eva Simmins	CHPRC	372-8413
Michael Collins	DOE	3766536
Bob Long	"	376-7754
A. Cowise	CHPRC	376-3143
SK MOY	DOE-RL	376 8372
RD [unclear]	DOE-RL	373-9626
AK Farabee	" "	376-8687
LINDA Petersen	CHPRC-FGG	373-4200

**PMM**

**FEBRUARY/MARCH 2012  
ETF/LERF/200 AREA TEDF OPERATIONS REPORT FOR  
THE APRIL 26, 2012 PMM**

LERF Basin Liquid Level, Inventory and Waste Received During February/March			
	Basin 42	Basin 43	Basin 44
Basin Liquid Level and Inventory (based on 4/2/2012 facility operations report)	20.4 ft. and ~6.76 Mgal	12.8 ft and ~3.33 Mgal	21.8 ft and ~7.53 Mgal
Received 2 tanker shipments of leachate from LLBG Trenches 31 & 34			~21,000 gallons
ERDF Transfers		~302,500 gallons	
ZP-1 Transfers		~1,736,500 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 ~ 3.813 million gallons of Basin 43 wastewater during the reporting period.

200 Area Treated Effluent Disposal Facility (TEDF) was receiving wastewater at ~19 gpm during February and March, based on volumes pumped from Pump Station 1 and Pump Station 2 during the reporting period.