

Meeting Minutes Transmittal

WASTE ENCAPSULATION AND STORAGE FACILITY (WESF)
 PROJECT MANAGERS MEETING
 825 Jadwin / Room 540S/700 Area
 Richland, Washington
 October 27, 2016

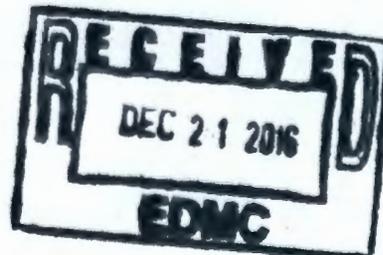
The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Project Managers Meeting. Signatures denote concurrence with the content only and are not intended to imply agreement to any commitments.

Stephanie Schly Date: 12/12/16
 Project Manager Representative, Ecology

Juli A. Reddick Date: 12-08-2016
 Project Manager Representative, RL

Administrative Record
 L. M. Bauder
 J. V. Borghese
 M. S. Collins
 O. A. Farabee
 R. D. Hildebrand
 S. K. Johansen
 R. L. Long Jr.
 A. C. McKarns
 L. C. Petersen
 J. A. Reddick
 S. N. Schleif
 E. R. Skinnarland
 D. J. Watson

H6-08



**WASTE ENCAPSULATION AND STORAGE FACILITY (WESF)
PROJECT MANAGERS MEETING MINUTES
825 Jadwin / Room 540S/700 Area
Richland, Washington**

October 27, 2016

- I. The June and August 2016 WESF Project Manager Meeting (PMM) minutes were submitted to the Administrative Record (AR). The July and September 2016 PMMs were not scheduled per agreement between Ecology and RL to schedule the PMMs on bimonthly basis.
- II. Operational Status
- A. Dave Watson (CHPRC) reported that the new K3N exhaust ventilation system began operating on September 2, 2016, and the Department of Health (DOH) conducted an inspection yesterday of emission units at WESF. Mr. Watson stated that the DOH noted no findings or observations to the contractor or RL during the inspection. Mr. Watson noted that changes in protocols associated with the general RCRA facility inspections are being formally integrated into the technical and operating procedures. Stephanie Schleif (Ecology) asked if the changes in protocols were just for hot cells A through F. Stephanie Johansen (CHPRC) responded that it was for anything that would be considered a RCRA inspection, such as the safety equipment. Mr. Watson added that it covered areas like the safety showers and eye wash station.
- Mr. Watson stated that the isolation of electrical and mechanical penetrations into the hot cells have been identified and isolated. Mr. Watson noted that the penetrations are either through the service gallery, the operations gallery or the canyon. Ms. Schleif noted that the oil has been removed from the hot cell F viewing window, and asked if the oil has been removed from hot cells A through E viewing windows. Mr. Watson responded that the oil has been removed from hot cell windows A through E, which he had reported earlier.
- Ms. Schleif asked if the manipulators removed from F cell will be reused. Mr. Watson responded that some of the old manipulators were taken to the cold manipulator repair shop and some of them are in the hot manipulator repair shop. Ms. Johansen stated that when old equipment is removed, such as the manipulators, it is evaluated and the best ones are kept and the others are wasted out. Mr. Watson added that in an effort to realize cost efficiencies, there is communication among the facilities on site regarding removed or spare equipment.
- Ms. Schleif inquired about the status of grouting hot cells A through F. Ms. Johansen responded that grouting was being done on the ventilation duct, and it was halted when grout spilled to the ground and there was some contamination. Ms. Johansen noted that Ecology was informed about three weeks ago. Ms. Schleif acknowledged that Ecology received the notification. Ms. Johansen stated that recovery activities are under way, and they need to be completed before grouting can be resumed. Ms. Johansen noted that grouting of the hot pipe trench underneath the hot cells had not been started. Ms. Schleif referred to the bullet in today's handout that indicates grouting of hot pipe trench at WESF/B Plant interface is complete. Ms. Johansen explained that the grouting refers to a grout plug to ensure there is no communication between WESF and B Plant, but the grouting activities have not been started on the hot pipe trench.
- Ms. Johansen stated that a Hazard Review Board is required when high hazard work is done on the radiological side of a facility. Ms. Johansen noted that there is at least one more work

package that needs a Hazard Review Board as part of the recovery plan, and the review is scheduled for next week. Ms. Johansen indicated that the recovery activities should be executed following the review and then grouting will resume. Ms. Schleif requested an email notification when grouting of the hot pipe trench is to start.

Ms. Schleif requested a brief summary of the recent event regarding the grout spill. Ms. Johansen stated that the spill was associated with the pressurized hose that pumps the grout, and in the process of relieving the pressure at the end of the work day, it is believed that contamination got into the hose. When the grout material was conveyed through the hose to the ground, the crew was unaware that there was contamination. The contamination ended up in the area outside the truck port, and it was discovered when a survey was done. At that time all of the crew was surveyed and more contamination on workers' shoes was discovered. The activities were shut down in the area, and an investigation was conducted.

Ms. Schleif inquired about the recovery actions. Ms. Johansen suggested providing Ecology additional information on the recovery plan, what actions have been taken, and what actions are still planned to be done.

Ms. Schleif referred to the grout spill event at the K3 HEPA filter pit that was reported on during the PMM held in August 2016, and asked if there were any areas where grout was still on the ground. Mr. Watson responded that some of the contaminated soil was removed, and a grout cover cap was placed on top of the K3 HEPA filter pit. Mr. Watson added that one of the follow-up actions is to update the Waste Identification Data Services (WIDS) database with respect to the as-left configuration. Ms. Schleif asked if the recent grout event will also be identified as an as-left condition. Mr. Watson responded that the recovery action will identify it as an as-left condition.

III. Status of Previous Agreements and Commitments

A. There were no previous agreements and commitments to discuss.

IV. New Agreements and Commitments

A. There were no new agreements and commitments established.

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

A. WESF Closure Plan

Ms. Johansen noted that closure activities were discussed during the operational status. Ms. Schleif inquired about the status of the draft permit for the new dry storage area, noting that there was a discussion several months ago regarding the topic. Ms. Johansen responded that CHPRC started working on the draft permit for the dry storage area in August 2016, and she estimated that the documents would be drafted by June 2017. Ms. Johansen noted that the schedule is dependent on when the subcontractor submits the design. Ms. Johansen stated that she would take the action to follow up on the status of the capsule extended storage permitting schedule. Julie Reddick (RL) stated that the subcontract process is under way, and the first contract mechanism is about to occur, which will kick off the conceptual design.

Ms. Schleif suggested a discussion at the next PMM to evaluate the timing for updating permitting plan so it is still a useful tool. Ms. Schleif noted that the permitting plan is currently out of date.

B. HF RCRA Permit Rev. 9 Update

Ms. Johansen stated that the WESF Part A Rev. 9 workshop was held with Ecology two weeks ago, and RL/CHPRC are working on the actions items from the workshop. When the actions items are close to being completed, the next workshop will be scheduled with Ecology. Ms. Schleif stated that the goal at the next workshop will be to close out all Part A deficiencies and completing the Part A.

Ms. Schleif asked if RL/CHPRC has been updated on Ecology's status regarding Rev. 9 and the major themes. Ms. Johansen indicated that RL/CHPRC are up to date, and she noted that Ecology held a major themes workshop on training two days ago. Ms. Schleif stated that Ecology has three internal conceptual agreement packages (CAPs) to go through, which are the waste analysis plan (WAP), process information, and procedures for hazards. Ms. Johansen stated that she was aware of the remaining three CAPs that Ecology needs to finalize.

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

A. There were no approved changes to discuss.

VII. General Discussion

A. Mr. Watson showed Ecology a few photos that were shared with DOH earlier during a routine technical exchange meeting. The pictures showed the completed ventilation skid in operation, the interior of WESF, including G and F cells and the corridor between the hot cells in the operations gallery, the viewing windows that have been isolated, and two cores that were extracted from the stem walls between the cells. Mr. Watson pointed to a photo depicting a temporary containment enclosure for any grout spillage, etc., in the operations gallery, and stated that the same containment is being placed in the service gallery. Ms. Schleif asked if it was plastic sheeting placed to capture any spilled grout. Mr. Watson responded that it's plastic sheeting and wood form work, which represents a defense in depth action. Ms. Reddick noted that a crew not working on the WESF project was brought in to look over the penetration seals as a fresh set of eyes.

VIII. Actions

Unit	Description of Action	Status	Date
Stabilization Activities Schedule	Ms. Johansen will provide Ms. Schleif dates for core drilling and grouting of the hot cells	Open	6/23/16
	Mr. Watson reported that core drilling has been initiated. Ms. Johansen will provide Ms. Schleif a date for grouting of hot cells	Open	8/31/16
	Ms. Johansen will provide Ms. Schleif the date for grouting of hot cells	Open	10/27/16
Milestone M-092-05	Ecology will schedule a meeting in June 2016 to discuss text revision to M-092-05	Open	4/28/16
	A meeting was scheduled 9/6/16, but was tentatively rescheduled to 9/8/16 at Ecology's request	Open	8/31/16
	Ms. Schleif will initiate scheduling a meeting with Julie Reddick and Al Farabee (RL)	Open	10/27/16

Unit	Description of Action	Status	Date
Stabilization Activities	RL/CHPRC to provide Ecology summaries of the critique report and recovery plan associated with the grout overflow in the HEPA filter pit area. Two photos will also be provided that show valve and pipe configurations where the grout was poured.	Open	8/31/16
	RL/CHPRC provided the information to Ecology	Closed	10/27/16
Stabilization Activities	RL/CHPRC will send Ecology an email when grouting of the hot pipe trench is started.	New	10/27/16
Stabilization Activities	RL/CHPRC to provide Ecology summaries of critique report and recovery plan associated with the grout/contamination event in the truck port area	New	10/27/16
Permitting	RL/CHPRC to provide Ecology the capsule extended storage permitting schedule	New	10/27/16

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 8, 2016.

**FACILITY OPERATIONS and PREPARATIONS FOR STABILIZATION /
VENTILATION UPGRADE CONSTRUCTION:**

- Routine inspections and surveillances continue.
- New K3N exhaust ventilation system construction is complete and system began operation on September 2, 2016 following shut down of the K3 exhaust ventilation system on July 7, 2016.
- Changes in protocols associated with name/signature/date/time are being integrated into procedures associated with RCRA inspections.

STABILIZATION / VENTILATION UPGRADE PROJECT ACTIVITIES

- Isolation of electrical and mechanical penetrations into the hot cells for purposes of confirming zero energy and isolation/sealing preparatory to core drilling through the walls between the hot cells near complete with a few penetrations in G Cell and Service Gallery currently in progress.
- Construction and testing of the K3N ventilation skid is complete including ducting to the 296-B-10 stack and remaining section of K3 ducting in Truck Port tied into canyon portion of facility.
- Grouting of K3 HEPA Filter pit is complete.
- Grouting of buried K3 ducting is complete in 2 of 3 sections.
- Grouting of Hot Pipe trench at WESF/B Plant interface is complete.
- Core drilling in stem walls between hot cells to gain access to Ventilation Trench and Hot Pipe Trench is complete.
- Viewing windows associated with Hot Cell A, B, C, D, E, and F have been covered.
- Oil has been removed from Hot Cell F's viewing window.
- Hot Cell F manipulators have been removed and ports covered.
- Pass through doors between F and G Hot Cells and Hot Cell F and Service Gallery have been sealed.
- Waste generated from project construction consisting of debris and radiologically contaminated hardware has been sent to ERDF for disposal.

PERMITTING ACTIVITIES

-

Waste Encapsulation and Storage Facility Project Managers Meeting (WESF)
825 Jadwin / Room 540S
Richland, Washington

October 27, 2016

ATTENDANCE LIST

Name	Organization	Phone Number
1. Sandy Shore	CHPRC	373-9709
2. Sasa Kosjerina	CHPRC	373-9622
3. David Watson	CHPRC	373-3250
4. Stephanie Schlef	Ecology	372-7929
5. Ron Skinneland	Ecology	372-7924
6. JULIE REDDICK	DOE	376-2003
7. Kathy Knox	Court reporter	946-5535
8. Lilyann Bander	Ecology	372-7951
9. LINDA Petersen	CHPRC	373-4200
10. Stephanie Johansen	CHPRC	373-1031
11.		
12.		
13.		
14.		
15.		
16.		
17.		
18.		
19.		
20.		
21.		
22.		
23.		
24.		
25.		

**WASTE ENCAPSULATION AND STORAGE FACILITY
(WESF) PROJECT MANAGERS MEETING
825 Jadwin / Room 540S
Richland, Washington
October 27, 2016**

9:00 A. M. to 9:30 A. M.

AGENDA

- I. The June and August 2016 Waste Encapsulation and Storage Facility (WESF) Project Managers Meeting (PMM) Minutes were submitted to the Administrative Record (AR). The July 2016 PMM was not scheduled per agreement between Ecology and RL to schedule PMMs on a bi-monthly basis.
- 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. WESF Closure Plan
 - B. HF RCRA Permit Rev. 9 Update
- VI. Approved Changes Signed Off in Accordance with TPA Section 12.2
- VII. General Discussion
- VIII. Actions

Unit	Description of Action	Status	Date
Stabilization Activities Schedule	Ms. Johansen will provide Ms. Schleif dates for core drilling and grouting of the hot cells	Open	6/23/16
	Mr. Watson reported that core drilling has been initiated. Ms. Johansen will provide Ms. Schleif a date for grouting of hot cells	Open	8/31/16
Milestone M-092-05	Ecology will schedule a meeting in June 2016 to discuss text revision to M-092-05	Open	4/28/16
	A meeting was scheduled 9/6/16, but was tentatively rescheduled to 9/8/16 at Ecology's request	Open	8/31/16
Stabilization Activities	RL/CHPRC to provide Ecology summaries of the critique report and recovery plan associated with the grout overflow in the HEPA filter pit area. Two photos will also be provided that show valve and pipe configurations where the grout was poured.	Open	8/31/16

- IX. Documents for Submittal to the Administrative Record
- X. Next Project Managers Meeting