

**Meeting Minutes Transmittal
Waste Encapsulation and Storage Facility (WESF)
Project Managers Meeting
825 Jadwin / Room 540S
Richland, Washington
December 10, 2015**

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.


S. N. Schleif, Project Manager Representative, Ecology Date: 2/25/16


M. S. Collins, Project Manager Representative, RL Date: 28 Jan 16

LWFS Administrative Record	H6-08
J. V. Borghese	H8-43
M. S. Collins	A6-38
R. H. Engelmann	H8-45
O. A. Farabee	A6-38
R. D. Hildebrand	A5-11
S. K. Johansen	T1-41
R. L. Long Jr.	A5-15
A. C. McKarns	A5-19
L. C. Petersen	S5-31
J. A. Reddick	A6-38
S. N. Schleif	H0-57
S. L. Nichols	H0-57
E. R. Skinnerland	H0-57
D. J. Watson	S4-83

Waste Encapsulation and Storage Facility (WESF)
Project Managers Meeting Minutes
825 Jadwin/Room 540S/700 Area
Richland, Washington

December 10, 2015

I. The August 20, 2015, Project Managers Meeting (PMM) Minutes were approved by RL and Ecology representatives and were submitted to the Administrative Record (AR). The September 24, 2015 PMM minutes, previously approved by Ecology, were approved today by RL and will be submitted to the AR. There was no PMM held in October 2015. A PMM was scheduled for November 4, 2015, to be followed by a tour of WESF. The PMM did not occur, but the tour did take place.

II. Operational Status

Dave Watson (CHPRC) provided the operational status for the WESF activities (see handout). Mr. Watson reported that the ALARACT was approved this week by the Department of Health (DOH), which will allow early construction work to proceed. Mr. Watson noted that early construction includes most of the ventilation upgrade work with the exception of tying into the existing contaminated duct work, electrical work, and energizing the systems. Mr. Watson stated that the DOH has its own time frame for issuing the final license, which will be in about 60 days. Mr. Watson added that the DOH issued notice that the air operating permit (AOP) application was complete. Stephanie Johansen (CHPRC) stated that the DOH is planning to issue the completeness determination for the AOP by January 26, 2016.

Mr. Watson noted that all of the actions that were generated from the November 4, 2015 tour with Ecology have been closed. Stephanie Schleif (Ecology) expressed appreciation for the tour, adding that it was very helpful and that all of their questions were answered.

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.

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

A. WESF Closure Plan

Ms. Johansen stated that feedback from Ecology was received earlier this week that RL/CHPRC should proceed with submitting the certified closure plan and Part A, and that the issue of the closure performance standards would be addressed when document goes out for public comment. Ms. Johansen added that CHPRC and RL are meeting next week to discuss the logistics and schedule regarding submittal of the closure plan and Part A and the public comment period. Ms. Schleif stated that it would be helpful for planning purposes if Ms. Johansen would send an email regarding RL/CHPRC's time frames for submitting the closure plan and Part A and the public comment period.

- B. Hanford Facility RCRA Permit Rev. 9 Update
Rick Engelmann (CHPRC) asked if Ecology had requested additional information regarding Rev. 9. Ms. Johansen responded that Ecology had not requested any more information. Ms. Johansen added that Ecology met with RL and the contractors earlier this week to roll out the conceptual agreement package (CAP) for security. Ms. Schleif stated that the meeting was to discuss the major themes for the security CAP and the Part A, and to plan the path forward for more in-depth discussion regarding any issues or questions that RL/CHPRC had. Ms. Schleif indicated that there weren't any major concerns with the Part A, and the subsequent meeting to discuss the Part A should be relatively short. Ms. Schleif noted that the meeting for the security CAP may be a longer meeting to discuss some of the questions or concerns that RL/CHPRC may have, and that RL was going to get input from the security forces for Hanford regarding the existing security and how it could meet some of the dangerous waste regulations. Ms. Schleif stated that follow-up meetings are tentatively planned for January 2016, but no firm dates had been scheduled. Ms. Schleif noted that RL was to provide Ecology a list of people to attend the meetings.

Ms. Schleif reported that internal workshops are continuing regarding all of the deficiency checks for the CAPs, and that currently the groundwater monitoring is being reviewed. Ms. Schleif added that the inspection and training CAPs will undergo internal deficiency checks in January and February 2016. Ms. Johansen stated that one of the next activities will be updating the Part B documents to split out the dangerous waste management units (DWMUs).

- C. Status of M-092-05
Mr. Engelmann noted that Ms. Schleif had requested this as an agenda topic for discussion. Ms. Schleif stated that efforts are under way to determine how the milestone could be reworded to reflect more information than what is currently in the milestone. Ms. Schleif stated that she met with John Price (Ecology) to discuss revising the milestone language that would include an alternatives analysis for disposition of the cesium/strontium capsules as part of the milestone. Michael Turner (MSA) asked if Ms. Schleif was aware of the efforts associated with the Lifecycle Report regarding the alternatives analysis. Ms. Schleif responded that she was aware of that effort, and it was discussed during the meeting with Mr. Price. Ms. Schleif stated that Mr. Price had suggested inserting some of the language into the milestone instead of pursuing the alternatives analysis as part of the Lifecycle Report.

Julie Reddick (RL) inquired about the procedure for revising the milestone. Ms. Schleif indicated that it is dependent on the type of milestone, and that M-092-05 is an interim milestone. Mike Collins (RL) stated that it would probably be a Class 2 change request, and it would be made available to the public. Mr. Collins added that since it's an interim milestone, it would only require RL and Ecology signatures. Mr. Collins noted that EPA has the option to sign a Class 2, but usually does not. Mr. Collins stated that if it is a Class 3 change request, it would require a form of public process. Ms. Schleif stated that she would keep RL/CHPRC informed as progress is made with revising the milestone.

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

A. There were no change requests identified.

VII. General Discussion

A. Ms. Reddick reported that approval was received on November 5, 2015, for Critical Decision 0 to provide extended storage for the cesium/strontium capsules. Ms. Reddick stated that the capsule extended storage project is moving forward as a capital asset project. Ms. Reddick noted that the storage area is called the capsule extended storage facility. Ms. Schleif asked if there was a time frame for the project. Ms. Reddick responded that there is a mission needs statement containing a rough order of magnitude schedule that could be provided. Ms. Reddick added that a firm schedule would not be available until Critical Decision 2 is approved. Ms. Johansen stated that there is not a schedule but more of a concept regarding the RCRA permitting components for the facility that will be started in FY17. Ms. Johansen added that there is an internal meeting next week to discuss more of the details, and after the first of the year RL/CHPRC would be able to have a better dialogue with Ecology on the path forward.

VIII. Actions

Unit	Description of Action	Status	Date
Submittal of the final stabilization/ventilation upgrade design report	The submittal date for the final stabilization/ventilation upgrade design report is TBD at this time since submittal depends on when the report will be cleared	New	8/20/15
		Closed	9/24/15

IX. Documents for Submittal to the Administrative Record

A. The September 24, 2015, PMM minutes were identified for submittal to the AR.

X. Next Project Managers Meeting

A. The next PMM was scheduled for January 28, 2016.

FACILITY OPERATIONS and PREPARATIONS FOR STABILIZATION / VENTILATION UPGRADE CONSTRUCTION:

- Maintenance of the hoist in G cell is underway in preparation for receipt of G-7 Shielded Storage Device.
- G-7 Shielded Storage Device (used for managing a failed cesium or strontium capsule) is being readied to be placed back into G Cell for contingency purposes.
- Adding staff and refurbishing existing mobile offices for additional staff.
- Oil from the shielded windows of Hot Cells C and E has been removed.

STABILIZATION / VENTILATION UPGRADE PROJECT ACTIVITIES

- Contractor submittals and work schedules are being received for approval.
- Removal of portions of a deactivated steam line to WESF is in progress.
- The ventilation skid for use with Project W130 that has been in storage at 2101M for some time has been shipped off site to American Electric for purposes of general cleaning, adding a second fan and motor, replacement of an electrical control panel and wiring, etc.
- Relocation of temporary mobile trailers for the construction work forces under way.

PERMITTING ACTIVITIES

- WESF Closure Plan and Part A Permit – In response to the Closure Plan submittal to Ecology on October 15, 2015, feedback was received on October 28 indicating conditional acceptance; on December 8, 2015 Ecology concurred that RL should move forward with submittal of the certified Closure Plan and Part A, and that Ecology would address any changes to the cleanup performance standards for cadmium and hexavalent chromium in the draft permit distributed for public review.
- Preparation of a Notice of Construction Application (NOCA) for submittal to WDOH pursuant to WAC 246-247 for amending the facility air permit, due to modifications associated with stabilization and ventilation upgrades, was completed and transmitted to WDOH. DOH has issued a Completeness Determination with license preparation and issuance to follow. A draft of an As Low As Reasonably Achievable Control Technology (ALARACT) approval for site preparation and early construction associated with the ventilation upgrades has been prepared to allow limited early construction until the license is prepared and issued.

Badbada, P S (Sharon)

From: Williams, Joel F Jr
Sent: Wednesday, December 02, 2015 8:09 AM
To: Badbada, P S (Sharon)
Cc: Engelmann, Richard H; Watson, David J (Dave)
Subject: ECOLOGY RECEIPT FOR INFORMATION REQUESTED AT THE NOVEMBER 2015 WESF PMM

Sharon

Attached is a copy of the Ecology signed receipt dated 11-19-2015 providing information that Ecology for during the November 2015 WESF PMM. The attached receipt also has a response table that provided the responses that Ecology had asked for a the November PMM.



Ecology Signed
Receipt dated 1...

Could you please place this receipt and response table into the December 2015 PMM for incorporation into the AR showing that the action is completed.

Thanks you the best – Joel ☺

RECEIPT OF REGULATORY REQUESTED DOCUMENTS

TITLE: RESPONSE TO THE WASHINGTON STATE DEPARTMENT OF ECOLOGY (ECOLOGY) INFORMATION REQUEST FROM THE WASTE ENCAPSULATION STORAGE FACILITY (WESF) PROGRAM MANAGERS MEETING (PMM) NOVEMBER 4, 2015

REGULATORY AGENCY: Washington State Department of Ecology (Ecology)

DOE/RL: Julie Reddick/Mike Collins

CH2M HILL PRC REPRESENTATIVE: Joel Williams Jr/Dave Watson

INSPECTION NUMBER: LB2016-006

ECOLOGY COMPLIANCE INDEX NUMBER(S): N/A

Requested Information:

Copy of the following Ecology response table: Response to the Washington State Department of Ecology (Ecology) Information Request from the Waste Encapsulation Storage Facility (WESF) Program Managers Meeting (PMM) November 4, 2015 (2 copies)

REPRESENTATIVE NAME AND TITLE:

(PRINT): Stephanie Schleif /Ecology

SIGNATURE: _____

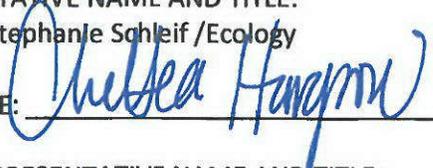
DATE: _____

CHPRC REPRESENTATIVE NAME AND TITLE:

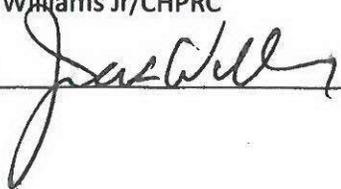
(PRINT): Joel Williams Jr/CHPRC

SIGNATURE: _____

DATE: _____



11.19.15



11-19-2015

**RESPONSE TO THE WASHINGTON STATE DEPARTMENT OF ECOLOGY (ECOLOGY) INFORMATION REQUEST FROM THE
WASTE ENCAPSULATION STORAGE FACILITY (WESF) PROGRAM MANAGERS MEETING (PMM)
NOVEMBER 4, 2015**

The following are the responses to Ecology's information request at the WESF PMM on November 4, 2015

Request Number	Date of Request	Ecology Request for Information	DOE/CHPRC Response to Documents, Records, and/or Information Requests
1	11-04-2015	What is the wall thickness for the cells?	The cells are approximately 2 feet to 11 feet.
2	11-04-2015	Where is the G-7 Shielded Container currently located?	The G-7 Shielded Container is currently in the Canyon on the deck.
3	11-04-2015	Are there communicative pipe runs between B-Plant and WESF and where are they located?	There are a number of pipes that run between the WESF hot cells and B Plant Cell 39. These pipes transferred process liquids to and from the tanks in the WESF hot cells and the tanks in Cell 39. These process pipes are blanked within the hot cells and inside Cell 39. In WESF, these pipes are located in the hot pipe trench that runs underneath the hot cells from G Cell (west end of the trench) to A Cell (east end of the trench). The trench continues east of A Cell underneath the hot manipulator shop and the service gallery corridor where it passes inside B Plant through the west B Plant wall. Inside the west B Plant wall, the trench changes to a 14" diameter pipe which contains the process piping. This pipe runs along the north wall of Cell 40 inside a lead shielded pipe encasement, passes through the wall between Cell 40 and Cell 39 and terminates at the northwest corner of Cell 39. The process pipes continue into Cell 39 terminating at nozzle connections. The intent of the W-130 project is to avoid putting grout into B Plant.

WESF
Project Managers Meeting
825 Jadwin / Room 540S
Hanford, Washington

December 10, 2015

ATTENDANCE LIST

Name	Organization	Phone Number
1. Stephanie Johansen	CHPRC	373-1031
2. JULIE REDDICK	DOE-RL	376-2003
3. Stephanie Schreif	Ecology	372-7929
4. Michael Collins	DOE-RL	6-6536
5. Brett M Barnes	CHPRC	376-3640
6. Michael Turner	MSA	376-2872
7. David Watson	CHPRC	373-3250
8. Rick Engelmann	CHPRC	376-7485
9. R. Sharon Badbada	CHPRC	373-9792
10. Kathy Knox	Knox Court Reporting	946-5535
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
Hanford, Washington
December 10, 2015**

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

Agenda

- I. The August 20, 2015, Project Managers Meeting (PMM) Minutes are submitted to the AR. The September 24, 2015, PMM minutes are pending submittal to the AR after the RL Representative's approval is obtained. Per the Ecology representative's request, the October 29, 2015, PMM was rescheduled to November 4, 2015, at WESF, to be followed by a tour of the facility. The PMM did not occur, but the tour did take place.
- 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
Submittal of the Final Stabilization/Ventilation Upgrade Design Report	The submittal date for the final Stabilization/Ventilation Upgrade Design Report is TBD at this time since submittal depends on when the report will be cleared.	New	8/20/15
		Closed	9/24/15
- IX. Documents for Submittal to the Administrative Record
- VI. Next Project Managers Meeting