

**Meeting Minutes Transmittal
Waste Encapsulation and Storage Facility (WESF)
Project Managers Meeting
825 Jadwin / Room 202
Richland, Washington
March 24, 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.



Project Manager Representative, Ecology

Date: 5/19/16



Project Manager Representative, RL

Date: 4-28-16

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
J. H. Temple	H0-57
E. R. Skinnarland	H0-57
D. J. Watson	S4-83

Waste Encapsulation and Storage Facility (WESF)
Project Managers Meeting Minutes
825 Jadwin/Room 202/700 Area
Richland, Washington

March 24, 2016

- I. The approved January 28, 2016, Project Managers Meeting (PMM) Minutes were submitted to the Administrative Record (AR). The February 25, 2016, PMM minutes were approved today by the RL and Ecology representatives and will be submitted to the AR.

II. Operational Status

Dave Watson (CHPRC) provided the operational status for the WESF activities (see handout). Mr. Watson noted that some of the electrical runs that carry instrumentation cables and electrical wires have been relocated to allow core drilling into the south wall of the truck port for the exhaust ducting. Mr. Watson reported that the electrical characterization of wiring that goes into hot cells is starting this week. The characterization work is a preparatory step to removing the electrical wires, and the energized wires will be identified and de-energized. Mr. Watson added that the conduit penetrations will be sealed to ensure no grout or water seeps into the operations gallery or service gallery. Mr. Watson stated that concrete core drilling mockups were done on a spare G-Cell cover block and through a 16-foot section of concrete, and the expectations were met on the performance of the core drilling and the accuracy.

Mr. Watson noted that in regard to the electrical hazards, there is an emphasis with radiological conditions in the cable trays and the electrical panel boxes that have surface contamination. Mr. Watson stated that the wires will be decontaminated, and a common method is to wipe down the wires with damp cloths. Mr. Watson stated that the decontamination effort will be an airborne job, and the workers will be on masks. Mr. Watson noted that it poses a challenge to decontaminate wires that may be energized or on insulation that is old. Mr. Watson pointed out that it is a unique situation, and that all of the power cannot be shut off to the facility for a period of time, so the electrical workers will wear special protective clothing while conducting the inspections.

Mr. Watson noted that the field execution schedule that was shared with Ecology last month has not changed. Stephanie Schleif (Ecology) requested that the field execution schedule be attached to the February 25, 2016 PMM minutes. Stephanie Johansen (CHPRC) stated that she would provide a copy of the schedule to be attached to the minutes. Ms. Schleif asked when the core drilling will start. Ms. Johansen responded that the prep work to start core drilling is scheduled for April 28, 2016, but noted that the electrical work is fairly complicated and could take longer than estimated. Ms. Johansen added that there should be a better indication by the next PMM about when the core drilling would start.

Mr. Watson stated that notice was provided to Ecology regarding the removal of a diesel engine from the air operating permit (AOP). Ms. Schleif acknowledged receipt of the letter. Mr. Watson stated that everything is in place from an air permitting perspective. Mr. Watson noted that there are two HEPA filter heads that will be grouted, and a negative air machine will be used during the process. Mr. Watson stated the negative air machines have been delivered, and startup testing on the two HEPA filters will be done.

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 to status.

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

A. WESF Closure Plan

Ms. Schleif stated that the next permitting activity will be the closeout of the public comment period on April 27, 2016, and then Ecology will be working on its response to comments and finalizing the permit to issue.

B. Hanford Facility RCRA Permit Rev. 9 Update

Ms. Schleif reported that the status of Rev. 9 has not changed since the last PMM. Ms. Schleif stated that internal workshops on training are scheduled to be completed this month, and that efforts are continuing with finalizing the inspection internal workshops and deficiency major themes. Ms. Schleif added that the last two internal workshops for processing and the waste analysis plan (WAP) have not been scheduled.

Ms. Schleif addressed the question that Ms. Johansen asked during the last PMM about informally submitting a section to use for review during the unit group workshops after Ecology has gone through the major themes workshops. Ms. Schleif stated that she discussed Ms. Johansen's question with the permitting group, and there will be further discussion before an answer could be provided.

Ms. Schleif requested clarification about Ms. Johansen's reference to sections and asked if she was referring to closure plans. Ms. Johansen responded that she was not referring to closure plans. Ms. Johansen stated that the permitting plan calls out for a certified Part B to be resubmitted, and the required documents are listed which include processing, inspection schedule, training plan, preparedness and prevention, and security addenda. Ms. Johansen noted that the WAP is not included. Ms. Johansen stated that the team is working towards the schedule for completing all of those documents by the end of September 2016, and she expressed a concern about Ecology starting unit specific workshops on any of those addenda before the end of September. Ms. Johansen pointed out that it would be more efficient for Ecology to review RL/CHPRC's revised addenda than to use the Rev. 9 versions. Ms. Schleif stated that Ms. Johansen had provided clarification to take back for discussion with the permitting group.

Ms. Johansen suggested that there were two good options: 1) RL/CHPRC to provide Ecology individual addenda before the unit specific workshop; 2) defer unit specific workshops for WESF until after the Part B submittal, which is scheduled by the end of September 2016. Ms. Schleif asked if RL/CHPRC could start revising the addenda in the order that Ecology is going through the major themes workshops. Ms. Johansen responded that the addenda are being revised in that order. Ms. Johansen noted that the preference is to prepare one certified submittal, and the goal is to reach a solution that will be beneficial to RL/CHPRC and Ecology.

Ms. Schleif suggested that this discussion could be continued during the Tuesday weekly meetings since all of the members needed are in attendance. Ms. Johansen responded that there is not an issue as long as Ecology has not scheduled any unit specific workshops, but it could become an issue in the next couple months. Ms. Schleif concurred, and noted that Ms. Johansen's question has been sent out internally in an email.

C. Milestone M-092-05

Ms. Schleif initiated a discussion regarding this milestone, which is due June 2017 to determine the disposition path and establish interim agreement milestones for Hanford

Site cesium/strontium capsules. Ms. Schleif stated that John Price (Ecology) has expressed an interest in revising the milestone language. Julie Reddick (RL) stated that there has been some discussion about revising the milestone language that would provide something of value. Ms. Schleif agreed, noting that the milestone talks about the national high level waste repository and a schedule that leads to disposition at the repository. Ms. Reddick stated that she would follow up within RL to determine who would be the appropriate personnel to get involved with revising the milestone language. Ms. Schleif requested a continuation of this discussion during the next PMM.

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

- A. There were no approved change requests identified.

VII. General Discussion

- A. Ms. Reddick reported that a request for proposal (RFP) has been issued for the central portion of the capsule extended storage project, which would provide the cask storage system. Ms. Reddick noted that the RFP represents one procurement out of what might be several procurements. Ms. Reddick stated that a vendor tour is scheduled this week. Ms. Reddick noted that the cask storage system relies on the completion of the stabilization and ventilation project. Ms. Reddick expressed appreciation to Ecology for the temporary authorization that ensures work will continue.

VIII. Actions

Unit	Description of Action	Status	Date
Stabilization Activities Schedule	Ms. Schleif requested an update on the stabilization activities schedule. Ms. Johansen will provide an update on the schedule at the March PMM.	New	2/25/16
	A schedule was provided to Ms. Schleif on 2/23/16. It was reported that the schedule has not changed. A copy of the schedule will be attached to the 2/25/16 PMM minutes.	Open	3/24/16

IX. Documents for Submittal to the Administrative Record

- A. The February 25, 2016, PMM minutes and the field execution schedule were identified for submittal to the AR.

X. Next Project Managers Meeting

- A. The next PMM was scheduled for April 28, 2016.

WESF Core Drilling & Grouting Schedule

Activity Name	Rem Dur	Start	Finish	2016													
				Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct					
RCRA Permit - Draft Permit Public Comment Period (45 Days)	45	28-Mar-16*	11-May-16														
Receive Temporary Authorization for Core Drilling from Ecology	0	31-Mar-16*															
Implement Conditions and Controls for Core Drilling	4	31-Mar-16	06-Apr-16														
Core Drilling Contractor Field Preparations - Shielding / Containment	16	31-Mar-16	27-Apr-16														
Complete Core Drilling in Hot Manipulator Repair Shop	8	28-Apr-16	11-May-16														
RCRA Permit - Ecology Issues RCRA Permitting Decision (60 Days)	60	12-May-16	10-Jul-16														
Stage Core Drill Equipment and Materials in Canyon	2	12-May-16	16-May-16														
Complete Core Drilling in Canyon	32	17-May-16	13-Jul-16														
Receive Temporary Authorization for Grouting from Ecology	0	23-May-16*															
Implement Conditions and Controls for Grouting	8	23-May-16	06-Jun-16														
Grouting Contractor Field Preparations - Slick Line / Thrust Block Installation	24	23-May-16	05-Jul-16														
RCRA Permit - Issue RCRA Permit (30 days)	30	11-Jul-16	09-Aug-16														
Complete Core Drilling of K3 Filter Pit	8	14-Jul-16	27-Jul-16														
Complete Grouting of K3 Duct	3	28-Jul-16	02-Aug-16														
Complete Grouting of K3 Duct Trench	2	03-Aug-16	04-Aug-16														
Complete Grouting of Hot Pipe Trench & Hot Cells	31	08-Aug-16	29-Sep-16														
RCRA Permit - WESF Implements RCRA Permit	16	10-Aug-16	07-Sep-16														
Completion of DOE Commitment (13-NSD-0042_RL) (Finish by 30-Sep-16)	0		29-Sep-16														

March 24, 2016

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

- Identification of electrical conduit penetrations into the hot cells for purposes of isolation and sealing preparatory to grouting the hot cells is in progress.
- Conduit carrying electrical and instrumentation & control wiring has been removed or rerouted out of the way for core drilling in the south wall of the Truck Port for the tie in to the K-3 exhaust ducting.

STABILIZATION / VENTILATION UPGRADE PROJECT ACTIVITIES

- Placement of concrete for the K3N ventilation skid foundation and some of the K3N outdoor ducting support foundations is complete.
- Modifications and cleaning to the ventilation skid for use with Project W130 is nearing completion.
- Conducting concrete core drilling tests on mock ups the Hot Cell divider walls and a spare G Cell cover block have been completed successfully.
- The Field Execution Schedule for WESF core drilling and grouting provided to Ecology on February 23, 2016 has not changed.

PERMITTING ACTIVITIES

- DOE-RL transmitted on March 7, 2016, a notice to Ecology of permanently shutting down the diesel engine to 282-BA deep well pump for removal from the AOP.
- Ecology transmitted to DOE-RL on March 11, 2016 Part V of the Hanford Facility RCRA Permit, the proposed Class 3 permit modification which includes the Hot Cell A through Hot Cell F Closure Plan and updated WESF Part A. The Class 3 permit modification went out for public comment on March 14, 2016 and will run through April 27, 2016.
- Ecology transmitted to DOE-RL on March 21, 2016 Temporary Authorization to allow closure activities for WESF Hot Cells A through F to begin.

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

March 24, 2016

ATTENDANCE LIST

Name	Organization	Phone Number
1. JULIE REDDICK	DOE	376-2003
2. Stephanie Johnson	CHPRC	373-1031
3. Joel Williams J.	CHPRC	376-4792
4. Sasa Kosjerina	CHPRC	373-9622
5. R.H. Engelmann	CHPRC	376-7485
6. P. Badback	CHPRC	373-9792
7. David Watson	CHPRC	373-3250
8. Stephanie Schlef	ECY	372-7929
9. John Temple	ECY	372-7940
10. Kathy Kny	point reporter	946-5535
11. Jane V Borghese	CHPRC	373-3804
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**WASTE ENCAPSULATION AND STORAGE FACILITY
(WESF) PROJECT MANAGERS MEETING
825 Jadwin / Room 540S
Hanford, Washington
March 24, 2016**

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

Agenda

- I. The approved January 28, 2016, Project Managers Meeting (PMM) Minutes are submitted to the Administrative Record (AR). The February 25 2016, PMM minutes are in review by RL and Ecology representatives and will be submitted to the AR after signature approved.
- 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. Schleif requested an update on the stabilization activities schedule. Ms. Johansen will provide an update on the schedule at the March PMM.	New	2/25/16

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

