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Meeting Minutes Transmittal

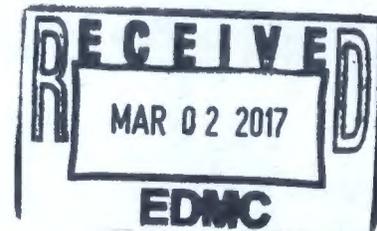
WASTE ENCAPSULATION AND STORAGE FACILITY (WESF)
PROJECT MANAGERS MEETING
825 Jadwin / Room 540N/700 Area
Richland, Washington
December 8, 2016

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.

Silvana Bunder Date: 23 Feb 2017
Project Manager Representative, Ecology

Julie A. Reddick Date: Feb 2, 2017
Project Manager Representative, RL

cc: Administrative Record H6-08



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

December 8, 2016

- I. The October 27, 2016 WESF Project Manager Meeting (PMM) minutes were approved by RL. Ecology will approve the minutes by December 12, 2016, and the minutes will be submitted to the Administrative Record (AR). It was noted that Ecology had reviewed the minutes and had no comments. There was no PMM held in November 2016, per agreement between RL and Ecology. The PMMs are being held on a bimonthly basis, and the schedule will continue through calendar year 2017.

- II. Operational Status
 - A. Dave Watson (CHPRC) reported that the Department of Health (DOH) conducted its annual level 2 stack inspection, and records were provided to DOH. Ecology also conducted an inspection that focused on internal combustion engines, and records were provided to Ecology. Mr. Watson noted that the inspection reports from both agencies have not been issued.

Mr. Watson stated that it had previously been reported that core drilling was completed in the stem walls between the hot cells and in the canyons. Mr. Watson noted that grouting has been completed in those areas (see handout). Mr. Watson stated that grouting has been initiated on several of the hot cells in a series of lifts. Mr. Watson noted that the hot cells are approximately 12 feet tall, and the grouting is being done in individual lifts to reduce the hydrostatic pressure on any penetrations.

Mr. Watson stated that the next project that will be reported on and included in the PMM handout is Project W-135 for the Management of Cesium and Strontium Capsules (MCSC). Project W-135 will be initiated after the stabilization of the hot cells is completed. Mr. Watson noted that a contract has been awarded for the design and fabrication of a cask storage system (CSS). The CSS will be shipped to a capsule storage area (CSA) for interim storage. Mr. Watson stated that an engineering functions and requirements document has been finalized, which is part of the statement of work associated with the CSS contract.

Mr. Watson noted that RCRA permitting documentation associated with Project W-135 has been initiated, and there will be more permitting activities to report in the future. Lilyann Bauder (Ecology) inquired about an approximate time frame for submittal of the draft permit for Project W-135. Julie Reddick (RL) responded that Al Farabee (RL) had a discussion with Stephanie Schleif (Ecology), and Mr. Farabee committed to providing a draft permitting schedule to Ecology. Ms. Reddick showed Ms. Bauder a schedule with projected dates, but noted that the schedule has not yet been approved for release to Ecology. Ms. Reddick added that when the draft schedule is approved for release, it will be sent to Ecology for review and comment. *Stephanie Johansen (CHPRC) suggested an action item to set up a meeting with Ecology to discuss the permitting schedule for MCSC.*

- 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 Mr. Watson reported on the closure activities for hot cells A through F under operational status.

B. HF RCRA Permit Rev. 9 Update

Ms. Johansen stated that a meeting was held with Ecology in October 2016 to discuss comments on the Part A, and a follow-up meeting is scheduled for December 12, 2016.

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

A. There were no approved changes to discuss.

VII. General Discussion

A. Ms. Bauder stated that Ecology received an email last Thursday (12/1/16) regarding contamination found on clothing of workers that were supporting hot cell grouting. Ms. Bauder asked if information was available about the results of the investigation. Mr. Watson responded that an in-process ALARA review (IPAR) was conducted as part of the radiological control procedures. Mr. Watson then described the process during the grouting evolution in the hot cells, and provided some photos to illustrate the area where the work was being done. Mr. Watson stated that a core drill that was started in the stem wall between hot cells B and C was abandoned because the drill ran into some steel, and it is possible that contamination spread through this hole. Mr. Watson then stated that it is also possible that contamination is being spread from air leaks through the cover blocks or the end of a grouting hose when it is disconnected and cleaned out at the end of the day.

Mr. Watson stated that during daily cleanup of the grout hoses, the hoses came in contact with the workers' personal protective clothing (PPE). When the workers were leaving and changing out of their PPE, contamination was detected on their modesty clothing (i.e. sweat pants, gym shorts) underneath their external PPE.

Mr. Watson stated that the potential causes of contamination are being addressed. Ms. Johansen noted that the contamination was limited to the workers' modesty clothing, and there was no skin contamination. Ms. Johansen added that the personnel were wearing respirators, which prevented contamination from occurring via that route.

Mr. Watson showed Ms. Bauder a photo depicting a mockup to prepare for the final two lifts associated with grouting of the hot cells. A conductivity cell will be used to indicate when the grout is nearing the underside of the cell lid, and then the grouting process will be done by gravity to avoid overfilling.

VIII. Actions

Unit	Description of Action	Status	Date
Stabilization Activities	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

Unit	Description of Action	Status	Date
	Ms. Johansen will provide Ms. Schleif the date for grouting of hot cells	Open	10/27/16
	Ms. Johansen provided a date, and grouting of the hot cells is under way.	Closed	12/8/16
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
	A meeting was held between Ms. Schleif and Mr. Farabee	Closed	12/8/16
Stabilization Activities	RL/CHPRC will send Ecology an email when grouting of the hot pipe trench is started.	New	10/27/16
	An email was sent to Ecology when grouting of the hot pipe trench was started	Closed	12/8/16
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
	Ms. Reddick emailed the information to Ecology on 11/29/16	Closed	12/8/16
Permitting	RL/CHPRC to provide Ecology the capsule extended storage permitting schedule	Open	10/27/16
	Ms. Johansen will schedule a meeting with Ecology to discuss the capsule extended storage permitting schedule	Open	12/8/16

IX. Documents for Submittal to the Administrative Record

A. The October 27, 2016 PMM minutes were identified for submittal to the AR.

X. Next Project Managers Meeting

A. The next PMM is scheduled for February 23, 2017.

FACILITY OPERATIONS

- Routine inspections and surveillances continue.
- Washington State Department of Health conducted an inspection on October 26, 2016, based on the FF01 License and AOP provisions on radioactive air emissions. Requested documentation has been provided.
- Ecology conducted an inspection on November 8, 2016, based on internal combustion engine provisions in Hanford Air Operating Permit. Requested documentation has been provided.

RCRA CLOSURE OPERATIONS –STABILIZATION OF HOT CELLS

- Grouting of the underground K3 ventilation duct from WESF to the K3 HEPA filter pit has been completed.
- Grouting of K3 ventilation duct trench and Hot Pipe Trench beneath the Hot Cells has been completed.
- Grouting utilizing several individual lifts has commenced in Hot Cells A, B, C, D, E, and A Cell Airlock.
- Waste generated from project construction consisting of debris and radiologically contaminated hardware is periodically being sent to ERDF for disposal.

Management of Cesium and Strontium Capsules (PROJECT W-135)

- A contract has been awarded to NAC International for the design and fabrication of a Cask Storage System (CSS) for the capsules. The CSS consists of a canister, transfer cask, and storage Overpack, and all necessary ancillary equipment to support and enable loading and dry storage of the capsules.
- The cesium and strontium capsules will be transferred to the Cask Storage Area (CSA) for interim storage, until a disposal pathway is available for the capsules.

PERMITTING ACTIVITIES

- Work has commenced on drafting RCRA permitting documentation associated with Project W135.

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

December 8, 2016

ATTENDANCE LIST

Name	Organization	Phone Number
1. Sandy Shore	CHPRC	373-9709
2. Kathy Knox	court reporter	946-5535
3. Stephanie Johnson	CHPRC	373-1031
4. David Watson	CHPRC	373-3250
5. LINDA PETERSEN	CHPRC	373-4200
6. JULIE REDDICK	DOE/RL	376-2003
7. Lilyann Bander	Ecology	372-7951
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**WASTE ENCAPSULATION AND STORAGE FACILITY
(WESF) PROJECT MANAGERS MEETING
825 Jadwin / Room 540N
Richland, Washington
December 8, 2016**

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

AGENDA

- I. The October 27, 2016 Project Managers Meeting (PMM) Minutes are in review and will be submitted to the AR after signature approval by RL and Ecology representatives.
- 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

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