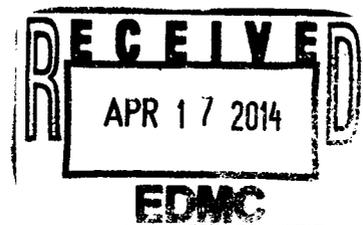


MEETING NOTES

200 West Tank Farms Interim Measures Investigations

MEETING DATE: March 19, 2014

LOCATION: Washington State Department of Ecology, Richland Office

**ATTENDEES:**

Mike Barnes (Ecology)

Joe Caggiano (Ecology)

Susan Eberlein (WRPS)

Dan Glaser (WRPS)

Michelle Hendrickson (Ecology)

Doug Hildebrand (DOE)

Dan Parker (WRPS)

Julie Robertson (Freestone Environmental Services)

Maria Skorska (Ecology)

Harold Sydnor (WRPS)

Cindy Tabor (WRPS)

BACKGROUND: The purpose of the meeting was to provide a forum for Ecology and DOE representatives to discuss efforts being undertaken at the 241-TX, 241-SX, and 241-U Farms (documents, field work, and results of interim measures investigations). As part of the meeting notes, a list of actions, and the status of those actions, are tracked.

DISCUSSION:

Prior Meeting Notes: Ms. Robertson reported that the meeting notes for the January 15, 2014 200 West Tank Farms Interim Measures Investigations meeting were submitted to the *Hanford Federal Facility Agreement and Consent Order* (TPA) Administrative Record. Meeting notes for the February 19, 2014 meeting were signed.

Status of Ongoing Field Work: WRPS distributed two graphics illustrating the vadose zone field work schedule (as originally envisioned) and various deliverables associated with the interim investigations at the 241-TX, 241-SX, and 241-U Farms. The following field activities and deliverables were discussed.

- **SX Farm Direct Push and Pore Water Extraction Test:** Mr. Parker reported that field activities described in RPP-PLAN-53838, *200 West Area Tank Farms Interim Measures Investigation Work Plan*, have been completed. Additional field work to explore the potential of using larger diameter boreholes for pore water extraction is ongoing. Mr. Parker stated that the test report to meet TPA Target M-045-22-T03 is being prepared. The test report will describe the results of testing conducted with smaller diameter boreholes, as called for in RPP-PLAN-53808. Available information on the results of follow-on testing using larger diameter boreholes will also be incorporated into the report.
- **U Farm Surface Geophysical Exploration (SGE) Work:** Mr. Glaser stated that U Farm interim action recommendations are being developed and will be provided to Ecology by June 30, 2014 to meet the commitment contained in RPP-PLAN-53808.
- **C Farm SGE Work:** Ms. Robertson stated that WRPS provided a briefing on C Farm SGE results at a meeting held on February 26, 2014. Ms. Robertson noted that DOE and Ecology have established a separate series of meetings for discussing the development of the Waste Management Area C RCRA

Facility Investigation Work Plan. She proposed that future discussion of C Farm SGE work be deferred to that forum, and the meeting attendees agreed.

Interim Surface Barrier (ISB) Repair Status: Nothing new to report.

Interim Measure Maintenance Plan: Mr. Lyon was not able to attend this meeting. Discussion of interim measure maintenance concerns that Mr. Lyon identified at the January 15, 2014 meeting was deferred to the next monthly meeting that he is able to attend.

TX Farm Field Work Completion Summary: Ms. Tabor provided a presentation to fulfill a commitment in RPP-PLAN-53838 to provide a TX Farm field work completion summary to Ecology by March 31, 2014. The presentation included the status of both field work and laboratory data. Ms. Tabor stated that field work is complete except for placement of deep electrodes in, and decommissioning of, the final four pushes. Ms. Tabor reported that quick turn results are available for the final four sampling pushes, and that the final data report will soon be issued for the first eight sampling pushes.

New Topics: Mr. Parker reported on the status of two action items from the February 6, 2014, Barrier Effectiveness Meeting. The two actions were accepted by Jacob Throolin of WRPS at that meeting. The first was to determine what would be involved in calculating the amount of precipitation captured by the interim surface barriers of the course of a year. Mr. Throolin has looked into this and will add a simple calculation to the annual monitoring report. The second action was to determine what would be involved in comparing PNNL barrier modeling predictions to the actual monitoring results. Mr. Parker reported that Mr. Throolin has not yet looked into that question, but will in the near future. Per the agreement at the February 6, 2014, Barrier Effectiveness Meeting, the action will be tracked through the 200 West Tank Farms Interim Measures Investigations status meetings.

Next Meeting: The next meeting is scheduled for April 16, 2014, at 9:30 am.

ACTIONS: Refer to the following table. A date-based numbering system is used to track the actions. An action will be removed from the list after DOE and Ecology have agreed to close the action.

<u>Chris Kemp For Dong Hildebrand</u> DOE Project Manager (print)	<u>CTK/Hildebrand</u> DOE Project Manager (signature)	<u>4-15-2014</u> Date
<u>Jeffrey J. Lyon</u> Ecology Project Manager (print)	<u>[Signature]</u> Ecology Project Manager (signature)	<u>4-16-14</u> Date

Action Items.				
Item #	Topic/Title	Actionee	Description	Status
2013-08-21-3	Action from annual M-45-56 meeting	Hildebrand	Evaluate the potential for providing a single comprehensive report on the electrical resistivity correlation work to date.	Open. Report is being developed as part of ongoing scope.
2014-01-15-2	C Farm SGE results	Glaser	Provide a briefing on C Farm SGE results at an upcoming WMA C RFI report meeting.	Closed. Briefing was provided on 02/26/2014.
2014-01-15-4	M-045-22-T03 test report	Parker	Develop a plan for communicating advance information regarding the contents of the M-045-22-T03 test report.	Open. WRPS will provide a briefing on the M-045-22-T03 test report contents at a future monthly meeting prior to issuance of the report.
2014-02-19-01	M-45-56 Pre-meeting	Eberlein	Schedule a pre-meeting to discuss interim measures, prior to holding the required annual M-45-56 meeting.	Open. In planning.
2014-03-19-01	TX Laboratory Report	Tabor	Provide Ecology a copy of the final lab report for the first 8 TX sampling pushes, addressing all analytes in the sampling and analysis plan.	New.
2014-03-19-02	Action from 2/6/2014 barrier effectiveness meeting	Throolin	Determine what would be involved in comparing PNNL barrier modeling predictions to the actual monitoring results.	New.

Julie Robertson

From: Julie Robertson
Sent: Wednesday, April 16, 2014 2:12 PM
To: '^adminrec@rl.gov'
Cc: 'Tabor, Cynthia L'
Subject: Signed Meeting Notes (3-19-2014 2W Investigation) for Entry to TPA Administrative Record
Attachments: MM 2014-3-19 2W TF IMI Final Signed.pdf

Good afternoon. Attached to this email is a pdf of meeting notes signed by DOE-ORP and Ecology. These notes need to be entered into the Administrative Record. Key words are 241-TX Tank Farm, 241-SX Tank Farm, 241-U Tank Farm, TPA milestone M-045-21, TPA milestone M-045-20, and TSD unit S-2-4 (Single Shell Tanks). I will drop off the original signed version for processing. Please let me know if you have any questions or concerns. Thank you.

Julie R. Robertson
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