

MEETING NOTES

200 West Tank Farms Interim Measures Investigations

MEETING DATE: July 17, 2013

LOCATION: Washington State Department of Ecology, Richland Office

ATTENDEES:

Jim Alzheimer (Ecology)	Dan Parker (WRPS)
Mike Barnes (Ecology)	Julie Robertson (Freestone Environmental Services)
Susan Eberlein (WRPS)	Maria Skorska (Ecology)
Les Fort (WRPS)	Harold Sydnor (WRPS)
Dan Glaser (WRPS)	Cindy Tabor (WRPS)
R.D. Hildebrand (DOE)	Becky Wiegman (WRPS)



BACKGROUND: This meeting was part of the continuing effort to provide a communication avenue between Ecology and DOE representatives to discuss the documents, field work, and results of interim measures investigations being undertaken at the 241-TX, 241-SX, and 241-U Tank Farms. A list of open and unresolved actions and the status of those actions will be tracked and resolutions documented as part of the meeting notes.

DISCUSSION:

Prior Meeting Notes: Prior meeting notes were all confirmed to have been placed into the Tri-Party Agreement Administrative Record.

Status of the Work Plan: The status of the approved work plan, *200 West Area Tank Farms Interim Measures Work Plan* (RPP-PLAN-53808, Revision 1), remains unchanged.

Status of the TX Farm SAP: Ecology approved the *Sampling and Analysis Plan for Soil Samples in Support of Interim Measure Planning at the 241-TX Tank Farm* (RPP-PLAN-54376, Rev. 1) by letter dated June 27, 2013.

Status of Ongoing Field Work: WRPS distributed a simple graphic illustrating the anticipated vadose zone field work schedule through the first quarter of fiscal year 2015. The general sequence has direct push fieldwork being performed first at SX Farm (Stage I/II), then C Farm, then back at SX Farm (Stage III installation of extraction and monitoring boreholes), and then TX Farm. In parallel, surface geophysical exploration (SGE) work will be conducted first at U Farm and then at C Farm. All actions were reported to be on or ahead of schedule.

The following field activities were discussed.

- TX Farm Direct Push: Four of eight boreholes have been pushed to total depth. Logging has been completed at three of those sites (C8809, C8811, C8813), and a sample depth meeting is scheduled

S.2.4
M.045.21
M.045.20

for July 18, 2013 for these three sites. Logging of Site C8805 is in planning. At Site C8807, the rig met refusal at less than the desired depth; a second attempt will be made at that location.

- **SX Farm Direct Push and System Construction:**
 - Four monitoring/extraction wells have been pushed to total depth (153 feet) and are being logged. WRPS anticipates having logs from at least two of the wells available by July 25, 2013. WRPS requested a meeting with Ecology on July 25 to pick depths for screens and packers for all four wells based on available logging information.
 - Porewater extraction equipment is being delivered on schedule.
 - A radioactive air emissions notice of construction is being readied for transmittal from DOE to the Washington State Department of Health.
 - The waste management strategy for extracted SX pore water is being discussed by WRPS and Ecology.

- **U Farm SGE Work:** Data acquisition was completed at the end of June, and demobilization was completed in early July (ahead of schedule). Data analysis will begin earlier than anticipated. Early indications are that the data is of excellent quality.

- **C Farm SGE Work:** Equipment installation/equilibration is almost complete, and data acquisition is anticipated to begin July 22, 2013.

Data Status: The initial soil data package for the SX porewater extraction test has been delivered from the laboratory to WRPS, and the data is under review internally.

New Topics: Mr. Glaser referenced an action taken at the recent annual M-45-56 meeting. The action called for WRPS to provide a presentation on electrical resistivity correlation work. The presentation had been tentatively scheduled for August 2013, but due to schedule conflicts, it may need to be rescheduled to October 2013.

The meeting attendees were uncertain about how the M-45-56 actions are being tracked to closure and noted that a number of the actions are related to the 200 West Tank Farms interim measures investigation. Several of the actions are complete. The attendees agreed that the actions could be effectively tracked at this monthly interim measures investigations status meeting. **ACTION:** Dr. Eberlein will follow up with DOE to determine how the actions captured at the annual M-45-56 meeting are being tracked.

Next Meeting: The next meeting is scheduled for August 21, 2013, at 10:00 am.

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

R Douglas H. Debrand
DOE Project Manager (print)


DOE Project Manager (signature)

8-21-2013
Date

Jeffery J. Lynn
Ecology Project Manager (print)


Ecology Project Manager (signature)

8-22-13
Date

Item #	Topic/Title	Actionee	Description	Status
2013-06-19-1	Transmit SAP Rev. 1 approval letter	Skorska	Formally approve revised SAP by June 29, 2013	Closed.
2013-06-19-2	Ensure appropriate waste management strategy is in place for extracted SX porewater.	Parker	Ensure appropriate waste management strategy is in place for extracted SX porewater	In progress.
2013-07-17	Tracking of annual M-45-56 meeting actions	Eberlein	Determine whether actions captured at the annual M-45-56 meeting could be tracked as a part of this monthly interim measures investigation status meeting.	New.