

**200 West Tank Farms Interim Measures Investigations
Status Report for May 2013**

BACKGROUND: On a monthly basis, DOE and Ecology representatives meet 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. During the April 2013 meeting, DOE agreed to prepare a status report in lieu of the May 2013 meeting, which had to be cancelled due to schedule conflicts. This status report fulfills that commitment, closing action 2013-04-17-1 (see below). The contents of this status report align with a typical monthly meeting agenda for the 200 West Tank Farms Interim Measures Investigations.

Prior Meeting Notes: Entry of the January, February, and March meeting notes into the TPA Administrative Record has been confirmed. DOE is revising the April 17, 2013 meeting notes to respond to a comment submitted by Ecology.

Status of the 200 West Area Tank Farms Interim Measures Work Plan (RPP-PLAN-53808, Revision 1):
Nothing to report.

Status of the TX Farm Sampling and Analysis Plan: Ecology submitted one comment on the *Sampling and Analysis Plan for Soil Samples in Support of Interim Measure Planning at the 241-TX Tank Farm* (RPP-PLAN-54376, Rev. 0) as a part of the April 23, 2013, ORP TPA Project Managers' Monthly meeting, closing action 2013-03-20-3 (see below). Proposed changes to the document have been shared informally with Ecology and accepted. WRPS is preparing to release Revision 1 of the SAP the week of May 13, 2013, to support formal transmittal of the revision from DOE to Ecology.

Status of Ongoing Field Work (As of May 13, 2013): The following characterization field work is being undertaken at the 200 West Tank Farms pursuant to RPP-PLAN-53808, Revision 1:

- SX Pore Water Extraction Test: Development and testing of a prototype packer/screen assembly is underway. Once the testing of the prototype is complete and results acceptable, deployable assemblies will be manufactured. In addition, the 90% design review of the Pore Water Extraction Test System is underway and is scheduled to complete May 16, 2013. Field work near SX Farm is anticipated to restart in early June.
- U Farm Surface Geophysical Exploration (SGE):
 - Setting up 2-D SGE and acquiring 2-D SGE data.
 - Setting up for 3-D SGE (acquiring data anticipated in early June).
- TX Farm Direct Push and Sampling: Field work is anticipated to start in early June.

The following characterization field work is being performed per RPP-PLAN-39114 to support M-045-61:

- C Farm Direct Push and Logging near 200-Series Tanks:
 - C8763 (east of C-109) pushed to 220 feet below ground surface (ft bgs) has been moisture and gamma logged, resistivity probes installed, and decommissioned.
 - C8765 (east of C-202) pushed to 211 ft bgs has been moisture logged.
 - C8766 (north of push C8767) pushed to 211 ft bgs has been moisture logged.
 - C8767 (east of C-201) pushed to 211 ft bgs has been moisture and gamma logged completed.

Data Status (As of May 13, 2013):

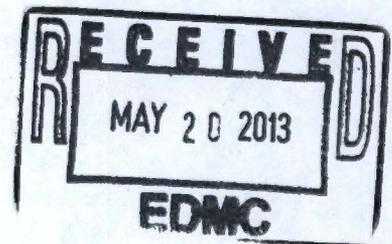
- SX Pore Water Extraction Test: All quick-turn analysis run and received. The laboratory is running additional analysis and working on the data package.
- C Farm Borehole (299-E27-20): Samples from the following depths are being analyzed at 222-S for Tc-99 and Nitrate: 260, 265, 270, and 275 feet bgs.

New Topics: Nothing to report.

Next Meeting: 10:00 am, June 19, 2013, Ecology Richland Office Conference Room #3A, Snake River.

ACTIONS:

Item #	Topic/Title	Actionee	Description	Status
2013-03-20-3	Respond to Rev. 0 TX SAP	Barnes	Prepare letter formally responding to DOE submission of Rev. 0 TX SAP, requesting date for provision of TX data package.	Action complete and ready for closure.
2013-04-17-1	Provide May 2013 Status by email	Eberlein/Hildebrand	Cancel May 2013 meeting and provide email status report in lieu of meeting.	Action complete and ready for closure.



Vela, Nicole L

From: Julie Robertson <JulieRobertson@gofreestone.com>
Sent: Monday, May 20, 2013 2:03 PM
To: Vela, Nicole L
Cc: Hildebrand, R D (Doug); Lyon, Jeffery; Eberlein, Susan J
Subject: FW: 200 West Tank Farms Interim Measures Investigations Status Report for May 2013
Attachments: Status Report 05-14-2013.docx

Hi, Nicole. Could you please enter this email and attachment into the administrative record? Per an agreement between DOE and Ecology, the email below and the attachment to this email substitute for the May 2013 meeting between the agencies to discuss ongoing characterization actions being undertaken at or near the TX, SX, and U Tank Farms. 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). Please let me know if you have any questions or concerns. Thank you.

Julie R. Robertson
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From: Julie Robertson
Sent: Monday, May 20, 2013 1:58 PM
To: Lyon, Jeffery; 'MSKO461@ECY.WA.GOV'
Cc: Tabor, Cynthia L; Sydnor, Harold A; Luke, Jeffrey J; Eberlein, Susan J; Parker, Dan L (Danny); Fort, Leslie A; Glaser, Danney R; Hildebrand, R D (Doug); Kemp, Christopher J; Grindstaff, Joanne F; Triplett, Mark B; 'MIBA461@ECY.WA.GOV'; Caggiano, Joseph; Alzheimer, Jim (Washington Department of Ecology); Wiegman, Rebecca S; Hendrickson, Michelle (Washington State Department of Ecology); Greene, Michael R
Subject: 200 West Tank Farms Interim Measures Investigations Status Report for May 2013

Good afternoon. On a monthly basis, DOE and Ecology representatives meet 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. During the April 2013 meeting, DOE agreed to prepare a status report in lieu of the May 2013 meeting, which had to be cancelled due to schedule conflicts. The attached status report has been reviewed and approved by Ms. Eberlein (WRPS) and Mr. Hildebrand (DOE) for transmittal by email to Ecology to fulfill the commitment made in April.

If you have any questions or concerns, please feel free to contact me. Thank you.

Julie R. Robertson
Senior Regulatory Specialist
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