



MEETING MINUTES

RCRA Quarterly Groundwater Monitoring Meeting for July – September 2010

Attendees:

Gus Aljure, CHPRC
 Jeff Ayres, Ecology
 Joe Caggiano, Ecology
 Dib Goswami, Ecology
 Doug Hildebrand, DOE

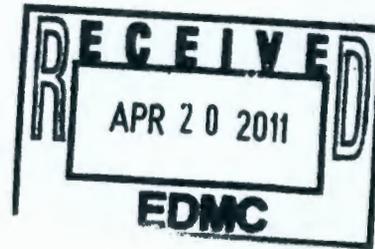
Stuart Luttrell, CHPRC
 Chris Martin, CHPRC
 Greg Thomas, CHPRC
 Cheryl Whalen, Ecology

cc:

David Dooley, CHPRC
 Rick Oldham, CHPRC
 John Winterhalder, CHPRC

From: Stuart Luttrell

Date: March 2, 2011



Meeting was held in Department of Ecology conference room on February 10, 2011.

Objective:

The meeting objective was to present summary information on RCRA groundwater monitoring results for July-September 2011.

Background:

This is the fourth quarterly RCRA presentation; the presentation will be attached to these minutes for submittal to the Administrative Record.

Topics Discussed:

Ecology had requested that these presentations be transmitted a few days before a meeting to allow Ecology staff to review the information and participate in a more informed basis at future meetings.

1. Ecology said they are aware of the current stop-work, based on a call from Doug Hildebrand to Deborah Singleton. We summarized the probable cause and potential impact on RCRA sample collection from this stop-work. The meeting on Tuesday, February 15 will primarily address the stop-work that occurred between September and November 2010, and Ecology will be updated on the current stop-work at that time.
2. We presented and discussed wells that were not sampled as scheduled; two wells were sampled after the end of the quarter and five wells were not sampled at all – one of these wells had gone dry. Planned sample frequency was included in the table as requested.

3. We provided revised critical mean values for the 216-S-10 Pond and Ditch, based on a different data set to calculate background. The TOC critical mean value will not be used because very high variability was observed for the initial few sample events. The TOC has recently been steady and the value will be updated after sufficient data are available.
4. We presented results of indicator evaluation statistical comparisons. Exceedances of specific conductance critical mean at 1324-N/NA, 1325-N, and NRDWL; and TOX critical mean at LLWMA-4 continue. These have all previously been documented. Ecology requested additional information on the cause of the NRDWL elevated specific conductance; and on the previous NRDWL TOC assessment plan and report.
5. We presented results for SST C Farm since initiating sampling and analysis in December 2009 under the revised assessment plan. Cyanide has been confirmed as a dangerous waste constituent in groundwater from SST C Farm; no other dangerous constituents have been confirmed. Metals and volatile organics continue to be sampled and evaluated.
6. We provided summary groundwater quality assessment results for each of the SSTs. We noted there is elevated chromium (162 ug/L) in a deep well (299-W11-43) located 300 m east of SST T Farm. Ecology requested a map with the location of this well. Ecology also asked if/when the new UP-1 extraction wells at S-SX will be installed.
7. We provided the recent and pending monitoring well changes to the monitoring networks. One item of note is to re-evaluate the groundwater monitoring frequency at the 300-APT. We agreed to meet to evaluate and discuss this possibility.

Agreements Made:

Meet to discuss the possibility of reducing sampling frequency at 300-APT in the Permit.

Action Items:

Responsible	Action	Due date
DOE/CHPRC	Provide information on the elevated specific conductance, and basis for remaining in detection monitoring at NRDWL	March 11, 2011 (requested by Ecology in a review of the minutes).
DOE/CHPRC	Provide information on the total organic carbon assessment at NRDWL (dates, plan, report).	March 11, 2011
CHPRC	Provide the status of the planned Pump and Treat wells at S-SX.	March 11, 2011
CHPRC	Provide a map with the well location for 299-W11-43.	March 11, 2011
CHPRC	Set up a meeting with DOE and Ecology to discuss possibility of reducing the 300-APT sampling frequency.	March 11, 2011