

MEETING MINUTES

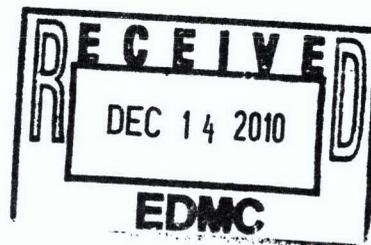
RCRA Quarterly Groundwater Monitoring Meeting for April – June 2010

Attendees:

Gus Aljure, CHPRC
Jeff Ayres, Ecology
Naomi Bland, DOE
Joe Caggiano, Ecology
Stuart Luttrell, CHPRC

CC:

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

**From:** Stuart Luttrell**Date:** December 8, 2010

Meeting was held in Department of Ecology conference room 31 on December 7, 2010.

Objective:

The meeting objective was to present summary information on RCRA groundwater monitoring results for April-June, 2010.

Background:

This is the third quarterly RCRA presentation; the presentation is attached to these minutes.

Topics Discussed:

1. Additional topics for future meetings was solicited. Ecology suggested analytical laboratory and sample collection issues in addition to the current topics.
2. Presented and discussed wells that were not sampled as scheduled; nine wells were not sampled at all, and 19 wells were sampled after the end of the quarter. Ecology requested that sample frequency be added to the tables of missed or late samples.
3. Presented status of indicator evaluation statistical comparisons. Exceedance of specific conductance critical mean at 216-A-29 Ditch TSD continues, and has previously been documented. A well that exceeded TOC at LLWMA-1 was re-sampled and TOC was not detected.
4. Discussed status of sampling the sites in the Dangerous Waste Permit. Ecology said they would be willing to consider reduced frequency of sampling at the 300 Area Process Trenches (currently sampled eight times per year).

5. Presented summary of SST A-AX groundwater quality assessment results and provided a reference citation of the Draft A plan.
6. Discussed the remainder of the Single Shell tank farms that are in assessment. Ecology requested an up-to-date map for SST C farm that provides the new well names. Ecology also requested information on the depth-discrete groundwater sample collection from the new well (299-W22-89) at SST S-SX farm. The information was provided to Ecology on 12/08/2010, and is shown in the table below.

Depth Discrete Sample Results at New Well 299-W22-89

| Sample Depth (ft below water table) | Chromium (filtered) (µg/L) | Nitrate (mg/L) | Technetium-99 (pCi/L) | Tritium (pCi/L) |
|---|----------------------------------|-------------------|--------------------------|--------------------|
| 24 | nd/nd | 7.6/7.9 | nd/nd | 737/552 |
| 34.1 | nd | 8.2 | 12 | 409 |
| 59.5 | nd | 1.5 | nd | nd |
| 79.3 | nd | 2.9 | nd | nd |
| 99.6 | nd | 1.6 | nd | nd |
| Notes: Duplicate samples were collected at the uppermost depth interval. nd = not detected | | | | |

7. The PUREX cribs groundwater monitoring plans for the 216-A-36B and 216-A-37-1 Crib TSDs are now under an indicator parameter evaluation program because there are no dangerous constituents identified in groundwater from these units. Reference citations to the plans were provided. This revision occurred because the 216-A-10 crib, which was previously a part of this network, was dropped from the network, as the site is now a past-practice facility.

Agreements Made:

None.

Action Items:

| Responsible party | Action | Due date |
|-------------------|---|-----------------------|
| CHPRC | Provide a map for SST C farm with the new well names shown. | None stated. |
| CHPRC | Provide groundwater chemistry depth profile sampling results for well 299-W22-89. | Completed on 12/08/10 |