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Sent: Thursday, October 06, 2011 11:29 AM
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Cc: Darr, Bob (CONTR)
Subject: DOE has posted contract record 2011-05 to update information concerning the reportable condition at surface water Point of Evaluation GS10

This is to notify you that the U.S. Department of Energy Office of Legacy Management has posted a new contact record to the Contact Record page of the Rocky Flats Legacy Management website at http://www.lm.doe.gov/Rocky_Flats/ContactRecords.aspx

Contact Record 2011-05 documents DOE's consultation with CDPHE and EPA on September 12, 2011 regarding the evaluation of the reportable condition at surface water Point of Evaluation GS10.

The initial consultation regarding the reportable condition is documented in Contact Record 2011-04, approved July 8, 2011, which is also on the Contact Record page of the website. Contact Record 2011-04 describes the Plan and Schedule to Address the Reportable Condition (Plan).

Contact Record 2011-05 contains a summary of sampling data in accordance with the Plan. As part of the Plan, a sample from GS10 was sent to Los Alamos National Laboratory (LANL) for isotopic analysis.

The results of the LANL analysis were informally reported by LANL to Stoller staff while the formal LANL report is being prepared:

- The signature results for GS10 do not match the historical natural uranium percentage of approximately 70 percent. Natural uranium was reported as 49 percent. The uranium concentration was 21.6 µg/L. The previous LANL sample, taken on March 17, 2010, was 24.1 µg/L and 71.7 percent natural uranium.

While the uranium concentration at GS10 appears to be decreasing from the levels that triggered the reportable condition, the 12-month rolling average uranium concentration is still above the RFLMA surface water standard. As stated in Contact Record 2011-04, the plan and schedule to address the reportable condition may be modified based on the outcome of RFLMA Party consultation related to the evaluation.

Based on the LANL results for GS10, the RFLMA Parties agreed to include additional sampling data that will help inform the ongoing evaluation. Contact record 2011-05 describes the additional sampling.

The downstream monitoring results continue to indicate that the remedy remains protective, since uranium results are below the RFLMA surface water standard, 16.8 µg/L.

If you have any difficulty accessing this document or have any other questions, please contact:

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