



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

54494

REGION VIII

999 18th STREET - SUITE 500  
DENVER, COLORADO 80202-2466

Ref: 8HWM-FF

Mr. Richard Schassburger  
Department of Energy  
Rocky Flats Office  
P.O. Box 928  
Golden, Colorado 80402-0928

FEB 25 1994

RE: Quarterly Report for OU 1 IM/IRA (July - Sept. 1993)

Dear Mr. Schassburger:

EPA has reviewed the Quarterly Report for the Operable Unit (OU) 1 Interim Measure/Interim Remedial Action (IM/IRA) Facility, submitted on February 17, 1994. This report is actually for the July through September 1993 time period, although your cover letter states that it covers October through December 1993. EPA also did not receive the diskettes referenced in your cover letter that contain sample data from RFEDS. In general, this report is deficient in many respects, as well as being somewhat tardy.

Since this report was submitted four and a half months after the end of the quarter being reported on, it is very surprising that there is so much missing or incomplete data. Specifically, there were no results available for any June - September 1993 sampling of any of the monitoring wells and only scant reference to results for treatment plant effluent of the same time period. Other data sets from influent sources were incomplete. This suggests that the report was either written several months ago or that sample turnaround times are exceeding the 63 working days specified in the IAG.

Additionally, at least one water table elevation map representative of the UHSU level for the quarter needs to be included in this and future reports. Since the performance of the collection well continues to be meager at best, it is necessary that a thorough analysis of this well's lithology, construction, development and performance be conducted and findings included in the next report. Although the location of this well was expected to produce significant amounts of water with relatively high concentrations of contaminants, this has not occurred to date. Therefore, if there are no mechanical problems detected in the well, a replacement collection well should be drilled in a slightly different location and completed to more effectively pump contaminated ground water. Otherwise, due to the low levels of contaminants present in groundwater being collected by the french drain, the 891 treatment plant is not being optimally used and virtually no groundwater remediation is being accomplished.

Now that the feasibility study for OU 1 is underway, it is

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especially important that the entire OU 1 Interim Measure/Interim Remedial Action be accurately assessed for effectiveness in a timely manner. The analytical data missing from this report must be submitted to EPA as soon as possible, with an explanation of why it was not included in this report. The next quarterly report, for the time period of October through December 1993, shall be submitted to EPA no later than April 15, 1994 and must contain complete data sets for that time period, as well as the other information cited above.

If you have any questions concerning these matters, please contact Gary Kleeman of my staff at 294-1071.

Sincerely,

A handwritten signature in cursive script that reads "W. C. Franey" with "(for)" written in smaller letters below the name.

Martin Hestmark, Manager  
Rocky Flats Project

cc: Tim Reeves, DOE  
Jen Pepe, DOE  
Zeke Houk, EG&G  
Jeff Swanson, CDH