



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET - SUITE 800
DENVER, COLORADO 80202-2466

MAR -2 1992

Ref: 8HWM-FF

Mr. David Simonson
Department of Energy
Rocky Flats Office
P.O. Box 928
Golden, CO 80402-0928

re: OU 1 (881 Hillside) IM/IRA

Dear Mr. Simonson:

EPA and CDH have reviewed the request to extend the OU 1 (881 Hillside) IM/IRA schedule submitted in DOE's letter of February 19, 1992 (92-DOE-1731). Based on a review of this request and the applicable IAG terms (Paragraph 222), we are granting the requested extension of 30 working days (to April 13, 1992) for completion of the French Drain. This is conditioned on the OU 1 Treatment Plant construction being completed on March 2, 1992, as currently required, and on it being operational for treatment of collected water by March 14, 1992. While recognizing that the problems cited as cause would not have affected the completion date if the construction sequence had been effectively designed and initiated as originally scheduled, we see no productive alternative to this action under the current circumstances.

During the extended time period, DOE must take all necessary steps to:

- Reevaluate and alter the construction sequence and drain design as necessary to allow completion in the prevailing subsurface conditions encountered;
- Reexamine available data to support a decision on where the western end of the drain can be terminated without incurring significant risk of missing contaminated groundwater moving down the hillside;
- Continue sampling groundwater along the western end of the French Drain alignment (for metals, radionuclides, and volatile organics), while instituting a sampling procedure appropriate for analysis of volatile organics
- Transmit subsurface information obtained during construction to EPA and CDH, and make appropriate staff

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ADMIN RECORD

A-DU01-000330

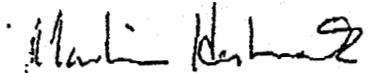
available to discuss upgrading hydrologic models of the hillside now under development;

- Incorporate necessary monitoring points and instrumentation into the final design where necessary as determined by EPA and CDH, based on construction experience and the need for system performance evaluation; and
- Formulate and submit an acceptable plan for mitigation of the wetlands loss incurred during construction and initiate action following approval.

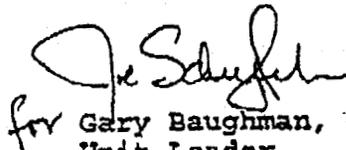
As agreed in our meeting on February 27, 1992, the status of these items will be reviewed in a meeting to be held on March 26, 1992. Subsequent to that time EPA and CDH will render a decision on the terms under which this IM/IRA will be completed.

If you have questions or would like to discuss the progress of this effort, please contact Bill Fraser (EPA) at 294-1081 and/or Joe Schieffelin (CDH) at 331-4421.

Sincerely,



Martin Hestmark, EPA
Manager
Rocky Flats Project



for Gary Baughman, CDH
Unit Leader
Hazardous Waste Facilities

Attachment

cc: Barbara Barry, CDH
Scott Grace, DOE
Tom Greengard, EG&G