



Department of Energy

ROCKY FLATS FIELD OFFICE
10808 HIGHWAY 93, UNIT A
GOLDEN, COLORADO 80403-8200

00-DOE-04159

JAN 22 2001

Mr. Jack McGraw
U.S. Environmental Protection Agency, Region VIII
999 18th Street, Suite 500
Denver, Colorado 80202-2450

Mr. Doug Benevento
Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Gentlemen:

Enclosed is the Final Major Modification to the Operable Unit (OU1): 881 Hillside Area Corrective Action Decision/Record of Decision (CAD/ROD). The Final Major Modification declaration was accepted by the U.S. Environmental Protection Agency, Region VIII (EPA), on October 30, 2000 (see enclosed EPA letter Ref: 8EPR-F). The document includes the Responsiveness Summary, which provides a summary of the comments received during the OU1 public comment period.

The U.S. Department of Energy will discontinue pumping the OU1 Collection Well one year after the approval of the Major Modification to the OU1 CAD/ROD, if there is a continued declining trend in the concentrations of trichloroethene. Upon cessation of groundwater pumping, the Collection Well will be monitored as a Plume Definition Well in accordance with the Integrated Monitoring Plan as a means of evaluation of impacts to surface water. This language has been incorporated into the Major Modification to the OU1 CAD/ROD. In September 2000 the French Drain was decommissioned through a Work Plan concurred by the EPA and the Colorado Department of Public Health and Environment. The process involved breaching the system at the lowest point and diverting the collected groundwater through a conveyance approximately 80 feet to the South Interceptor Ditch. The Closeout Report for the French Drain decommissioning will be sent to your agencies shortly.

At your earliest convenience please sign and return the document's signature page to:
U.S. Department of Energy
Rocky Flats Field Office
ATTN: Norma Castaneda, ERWM
10808 Highway 93, Unit A
Golden, Colorado 80403-8200



Sincerely,

Barbara A. Mazurowski

Barbara A. Mazurowski
Manager

ADMIN RECORD

A-OU01-001417

1/3

DOCUMENT CLASSIFICATION
REVIEW NUMBER PER
CLASSIFICATION OFFICE

Mr. Jack McGraw
Mr. Doug Benevento

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JAN 22 2001

cc w/Encs:

S. Golian, EM-22, HQ
J. Legare, AMEI, RFFO
N. Castaneda, ERWM, RFFO
R. DiSalvo, OCC, RFFO
S. Bell, OCC, RFFO
T. Rehder, EPA
G. Kleeman, EPA
S. Gunderson, CPDHE
C. Spreng, CDPHE
Administrative Record

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JAN 22 2001

SYNOPSIS

Document # 00-DOE-04159

ORIGINATOR:	Norma I. Castaneda, ERWM, x 4226. Joseph A. Legare, AMEI, x5918
ISSUE:	The Final Major Modification to the Operable Unit 1 (OU1) 881 Hillside Corrective Action Decision/Record of Decision (CAD/ROD) declaration was accepted by the EPA, Region VIII on October 30, 2000. Therefore, the Final OU1 CAD/ROD requires signature for final acceptance and closure.
BACKGROUND:	<p>➤ The original OU1 881 Hillside CAD/ROD was signed on March 12, 1997. The CAD/ROD represented the selected remedy for addressing contamination in subsurface soil at Individual Hazardous Substance Site (IHSS) 119.1. Since the signing of the CAD/ROD, new sampling and analysis data were collected at IHSS 119.1 and the results from this effort support the need to significantly alter the original selected remedy of soil excavation with groundwater pumping. The results concluded that the actual soil concentrations of the contaminants of concern are well below the Action Level Framework Tier 1 subsurface soil action levels. Thus excavation and treatment of these soils is not warranted. The modified remedy is limited groundwater pumping and monitoring. Decommissioning of the French Drain, which was in the original OU1 CAD/ROD, was completed in September 2000, through a Work Plan concurred by the EPA and CDPHE. Analytical results of the groundwater collected from the French Drain indicate that groundwater contaminant concentrations are consistently below Action Level framework Tier II groundwater action levels. Based on these data, it was determined that the French Drain would be decommissioned and its use for collecting and transferring groundwater would be discontinued. The French Drain was taken out of service by removing the collection gallery sump pump system. Construction of the French Drain occurred in 1992 to intercept groundwater potentially contaminated with volatile organic compounds from the OU1 881 Hillside Area and prevent down gradient contamination.</p>
RECOMMENDATIONS:	Please sign this correspondence, the signature page, and transmit letter to EPA, Region VIII, and CDPHE for their signatures.
RECORD NOTES:	None

bcc:

Manager's Reading File, RFFO

Copy to Reading Room Yes No

(please initial)

Orig. 12/04/00 REV 12/15/00

ERWM *mc* ERWM
 Castaneda:lm Tyler
 12/15/00 12/15/00

OCC
 1/4/00
 12/15/00

DAMEI
 Rampe
 12/15/00

AMEI
 Legare
 12/15/00

DM
 [Signature]
 12/15/00

OOM
 Mazurowski
 12/15/00

sb w/ comments and memo

WBS # _____

JAN 22 2001

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U.S. Environmental Protection Agency, Region VIII
999 18th Street, Suite 500
Denver, Colorado 80202-2450

Mr. Doug Benevento
Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Gentlemen:

Enclosed is the Final Major Modification to the Operable Unit 1 (OU 1): 881 Hillside Area Corrective Action Decision/Record of Decision (CAD/ROD). In accordance with the Rocky Flats Cleanup Agreement (RFCA), Paragraph 128, the Department of Energy (DOE) submitted a written request with the appropriate justification to make the major modification to work being done pursuant to a CAD/ROD to the lead regulatory agency, U. S. Environmental Protection Agency, Region VIII (EPA). The DOE also provided a 30-day public comment period regarding the modification. The Final Major Modification declaration was accepted by the EPA, on October 30, 2000 (see enclosed EPA letter Ref: 8EPR-F). The document includes the Responsiveness Summary, which provides a summary of the comments received during the OU 1 public comment period.

The DOE will discontinue pumping the OU1 Collection Well one year after the approval of the Major Modification to the OU1 CAD/ROD, if there is a continued declining trend in the concentrations of trichloroethene. Upon cessation of groundwater pumping, the Collection Well will be monitored as a Plume Definition Well in accordance with the Integrated Monitoring Plan as a means of evaluation of impacts to surface water. This language has been incorporated into the Major Modification to the OU1 CAD/ROD. In September 2000 the French Drain was decommissioned through a Work Plan concurred by the EPA and the Colorado Department of Public Health and Environment. The process involved breaching the system at the lowest point and diverting the collected groundwater through a conveyance approximately 80 feet to the South Interceptor Ditch. The Closeout Report for the French Drain decommissioning will be sent to your agencies shortly.

Mr. Jack McGraw
Mr. Doug Benevento

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U. S. Department of Energy
Rocky Flats Field Office
ATTN: Norma Castaneda, ERWM
10808 Highway 93, Unit A
Golden, Colorado 80403-8200

Sincerely,

Original Signed By

Barbara A. Mazurowski
Manager

Enclosures

cc w/Encs:

S. Golian, EM-22, HQ
J. Legare, AMEI, RFFO
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