

ROCKY FLATS PLANT
EMD RFI/RI WORK PLAN OU-5
WOMAN CREEK PRIORITY
DRAINAGE

Manual No.: 21100-WP-OU 05.1
Procedure No.: Table of Contents, Rev 1
Page: 1 of 2
Effective Date: 02/24/92
Organization: Environmental Management

This is a
CONTROLLED DOCUMENT TABLE OF CONTENTS
VOLUME I

ROCKY FLATS PLANT
ENVIRONMENTAL MANAGEMENT DEPARTMENT

This is a RED Stamp

<u>Section No.</u>	<u>Title</u>	<u>Rev. No.</u>	<u>Date</u>
	Detailed Table of Contents		
ES	Executive Summary	1	02/24/92
1.0	Introduction	1	02/24/92
2.0	Preliminary Site Characterization	1	02/24/92
3.0	Applicable or Relevant and Appropriate Requirements	1	02/24/92
4.0	Data Needs and Data Quality Objectives	1	02/24/92
5.0	Phase I RCRA Facility Investigation/ Remedial Investigation Tasks	1	02/24/92
6.0	Schedule	1	02/24/92
7.0	Phase I Field Sampling Plan (FSP)	1	02/24/92
8.0	Baseline Health Risk Assessment Plan	1	02/24/92
9.0	Environmental Evaluation	1	02/24/92
10.0	Quality Assurance Addendum	1	02/24/92
11.0	Standard Operating Procedures and Addenda	1	02/24/92
12.0	References	1	02/24/92

ADMIN RECORD

"REVIEWED FOR CLASSIFICATION

By W. Sandelweck

Date 25 FEB 92

A-DU05-000242

UNU

ROCKY FLATS PLANT
EMD RFI/RI WORK PLAN OU-5
WOMAN CREEK PRIORITY
DRAINAGE

Manual No.: 21100-WP-OU 05.1
Procedure No.: Table of Contents, Rev 1
Page: 2 of 2
Effective Date: 02/24/92
Organization: Environmental Management

TABLE OF CONTENTS
VOLUME II

<u>Section No.</u>	<u>Title</u>	<u>Rev. No.</u>	<u>Date</u>
APPA	Appendix A	0	08/22/91
	As Built Drawings for Pond C-2		
	C-2 Dam-General Plan D 27165-231	A	11/20/79
	C-2 Dam-Cutoff Trench Plan and Dam Profile D 27165-232	A	11/20/79
	C-2 Dam-Embankment & Spillway Details D 27165-235	A	11/20/79
	C-2 Dam-Outlet Works D 27165-236	A	11/12/80
	Outlet Works Inlet Structure & Pipe Details D 27165-241	A	11/12/80
	Outlet Works Outlet Structure D 27165-242	A	11/12/80
APPB	Appendix B In Situ Radiological Survey of the Old Landfill	0	08/22/91
APPC	Appendix C Groundwater Analytical Data	0	08/22/91
APPD	Appendix D Sediment Analytical Data	0	08/22/91
APPE	Appendix E Surface Water Analytical Data	0	08/22/91

ATTACHMENT
for Work Plan OU-5 Woman Creek Priority Drainage

- Insert new cover pages for each volume, and insert new spines with your copy number on it.
- Insert new Table of contents, and detailed Table of Contents and destroy old TOC.
- Insert new Executive Summary and destroy old ES.
- Insert new pages and **destroy old corresponding page numbers.**
 - Insert page 1 of section 1.
 - Insert new section 2.
 - Insert page 1 of section 3.
 - Insert section 4 - all new except tables which need to be kept (pages 4-4 - 4-5 and 4-8).
 - Insert page 1 and 2 of section 5.
 - Insert page 1 of section 6.
 - **Please insert new section 7 and discard all of the old section 7 EXCEPT for the following two color figures: Figure 5-7 (1 of 2 and 2 of 2). Insert the old figure 5-7 (1 of 2 and 2 of 2) in your new section.**
 - Insert page 1 of section 8.
 - Insert page 1 and page 2 of section 9.
 - Insert page 1 of section 10.
 - Insert page 1 of section 11.
 - Insert new section 12.
- Note that volume II has no changes except for adding second copy of Table of Contents and cover/spine.

Any questions please call Carlotta Muheim at 966-3893.

EG&G ROCKY FLATS PLANT
RFI/RI Work Plan for OU5

Manual: 21100-WP-OU5.01

Section: 1
Revision: 1
Page: 1 of 18
Effective Date: 2/28/92
Organization: Environmental Management

Category:

This is a
CONTROLLED DOCUMENT

EG&G ROCKY FLATS PLANT
ENVIRONMENTAL MANAGEMENT DEPARTMENT

This is a RED Stamp

Approved By:

Name

(Date)

[Signature] 2/29/92

1.0

INTRODUCTION

This document presents the work plan for the Phase I RCRA Facility Investigation (RFI)/Remedial Investigation (RI) of the Woman Creek Drainage (Operable Unit Number 5) at the Rocky Flats Plant, Jefferson County, Colorado. In this work plan, the existing information is initially summarized to characterize Operable Unit Number 5 (OU5) and a field sampling program is presented to assess potential contamination of the ten Individual Hazardous Substance Sites (IHSSs) that have been identified along or within the Woman Creek drainage. These IHSSs include the Original Landfill (IHSS 115), the Ash Pits (IHSS 133.1-133.4), the Incinerator (IHSS 133.5), the Concrete Wash Pad (IHSS 133.6), Detention Ponds C-1 and C-2 (IHSSs 142.10 and 142.11), and Surface Disturbance (IHSS 209). Two additional areas of surface disturbances, one south of the Ash Pits and a second west of IHSS 209, have been included in this OU5 work plan. The Phase I RFI/RI will be conducted in accordance with the Guidance for Conducting Remedial Investigations and Feasibility Studies under CERCLA (U.S. EPA 1988a) and Interim Final RCRA Facility Investigation (RFI) Guidance (U.S. EPA 1989a). The data generated will be used to begin developing and screening remedial alternatives and to evaluate the need for further studies for the 10 IHSSs in OU5. The data will also be used to estimate the risks to human health and the environment posed by each hazardous substance site.

This investigation is part of a comprehensive, phased program of site characterization, remedial investigations, feasibility studies, and remedial/corrective actions currently in progress at the Rocky Flats Plant. These investigations are pursuant to the U.S. Department of Energy (U.S. DOE) Environmental Restoration (ER) Program [formerly known as the Comprehensive Environmental Assessment and Response Program (CEARP)]; a Compliance Agreement among DOE, the U.S. Environmental Protection Agency (EPA), and the State of Colorado Department of Health (CDH) dated July 31, 1986; and an Interagency Agreement (IAG) among DOE, EPA, and CDH, dated January 22, 1991. The IAG addresses RCRA and CERCLA issues and has been integrated with the ER Program. In accordance with the IAG, the CERCLA terms "Remedial Investigation" and "Feasibility Study" in this document are considered equivalent to the RCRA terms "RCRA Facility Investigation" and "Corrective Measures Study".

1.1 ENVIRONMENTAL RESTORATION PROGRAM

The ER Program is designed to investigate and clean up contaminated sites at DOE facilities. This ER Program being implemented is organized into five major activities. Activity 1 has already been completed at Rocky Flats Plant (U.S. DOE 1986a). This work plan is part of the Activity 2 program currently in progress for OU5 (Woman Creek drainage).