

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  
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Effective Date: 02/24/92  
Organization: Environmental Management

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ROCKY FLATS PLANT  
ENVIRONMENTAL MANAGEMENT DEPARTMENT

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ADMIN RECORD

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By U.S. Sandelweck

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**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.
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  - Insert page 1 and 2 of section 5.
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  - Insert page 1 of section 8.
  - Insert page 1 and page 2 of section 9.
  - Insert page 1 of section 10.
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  - 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

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**CONTROLLED DOCUMENT**  
TITLE: *This is a* Applicable or Relevant and  
Appropriate Requirements

Approved By: *[Signature]*  
Name: *[Signature]* (Date) *2/29/92*

EG&G ROCKY FLATS PLANT  
ENVIRONMENTAL MANAGEMENT DEPARTMENT

3.0

*This is a RED Stamp* **APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS**

This section provides a preliminary identification of chemical-specific Applicable or Relevant and Appropriate Requirements (ARARs) for groundwater, surface water, and soils at Operable Unit 5 so that appropriate analytical detection limits are used during the RCRA Facility Investigation/Remedial Investigation. Use of appropriate detection limits is necessary to allow evaluation of compliance with ARARs in the Corrective Measures Study/Feasibility Study (CMS/FS) report. As described in Subsection 3.2, evaluation and establishment of location-specific ARARs are a part of the RI process and will be addressed in the RFI/RI Report. Chemical-specific ARARs will be established in the RFI/RI Report. Identification of action-specific ARARs and remediation goals is a part of the feasibility study process and will be addressed in the CMS/FS Report.

**3.1 THE ARAR BASIS**

The basis for ARARs is cited in Section 121(d) of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), as amended by the Superfund Amendments and Reauthorization Act (SARA), which requires that Fund-financed, enforcement, and federal facility remedial actions comply with all applicable or relevant and appropriate promulgated federal and state environmental or facility siting laws. For the purposes of identification and notification of promulgated state standards, the term "promulgated" means that the standards are of general applicability and are legally enforceable. (National Contingency Plan (NCP), 40 Code of Federal Regulations (CFR) 300.400(g)(4).)

Health-based, chemical-specific ARARs pertinent to groundwater, surface water, and soils (environmental media addressed by this work plan) have been identified for the Environmental Protection Agency's (EPA) Contract Laboratory Program (CLP), target compound list (TCL) for organic, and target analyte list (TAL) for inorganic compounds, as well as radionuclides and conventional pollutants. The chemical-specific ARARs are primarily derived from federal and state health and environmental statutes and regulations. As discussed below, in some instances, these standards are classified as terms "to be considered" (TBC). A summary of potential chemical-specific ARARs/TBCs for possible contaminants in Operable Unit (OU) 5 groundwater is presented in Table 3-1. Similarly, potential ARARs/TBCs for OU5 surface water are summarized in Tables 3-2 and 3-3.

One medium for which chemical-specific ARARs do not currently exist is soils. As the remedial investigation proceeds, information will become available from the baseline risk assessment that will allow a determination of acceptable contaminant concentrations in soils to ensure environmental "protectiveness." This is discussed further in Subsection 3.5.