

ROCKY FLATS PLANT
Final RFI/RI Work Plan
for Operable Unit 12

400/800 Area

Manual No.: 21100-WP-OU 12.1
Section No. Table of Contents, Rev. 1
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Effective Date: 05/11/95
Organization: Environmental Restoration Mgmt.

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6.5.3 Sample Containers and Preservation

Sample volume requirements, preservation techniques, holding times, and container material requirements are dictated by the media being sampled and by the analyses to be performed. The matrices to be analyzed include soils and sediments, and the water matrices for analysis include ground water. Table 6.3 lists the analytical parameters of interest in OU12 for water and soil matrices, along with the associated container size, preservatives (chemical and/or temperature), and holding times. Additional specific guidance on the appropriate use of containers and preservatives is provided in EMD SOP FO.13 (Containerizing, Preserving, Handling, and Shipping of Soil and Waste Samples).

6.5.4 Sample Handling and Documentation

Sample control and documentation is necessary to ensure the defensibility of data and to verify the quality and quantity of work performed in the field. Accountable documents include logbooks, data collection forms, sample labels or tags, chain-of-custody forms, photographs, and analytical records and reports. Specific guidance defining the necessary sample control, identification, and chain-of-custody documentation is discussed in EMD SOP FO.13.

6.6 DATA MANAGEMENT AND REPORTING PROCEDURES

05-AMR-IRM-0155 | With the exception of soil gas data, field data will be input to the RFEDS using a DATACAP remote data entry module supplied by EG&G. Data will be entered on a daily basis, and a 3.5-inch computer diskette will be delivered to EG&G on a weekly basis. EG&G updates RFEDS on a weekly basis. Data from the system will be available to the contractor immediately after the weekly update. A hard copy report will be generated from the module for contractor use. The data will undergo a prescribed QC process based on EMD SOP FO.14