

ROCKY FLATS PLANT  
EMD OPERATING  
PROCEDURES MANUAL

Manual No.: 5-21000-OPS-GT  
Procedure No.: Table of Contents, Rev 11  
Page: 1 of 3  
Effective Date: 12/20/91  
Organization: Environmental Management

THIS IS ONE VOLUME OF A SIX VOLUME SET WHICH INCLUDES:

VOLUME I: FIELD OPERATIONS (FO)  
VOLUME II: GROUNDWATER (GW)  
VOLUME III: GEOTECHNICAL (GT)  
VOLUME IV: SURFACE WATER (SW)  
VOLUME V: ECOLOGY (EE)  
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CONTROLLED DOCUMENT

EG&G — ROCKY FLATS PLANT  
ENVIRONMENTAL MANAGEMENT DEPARTMENT

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DCN 91.01	Recording lithologic descriptions and securing core boxes	1	11/15/91
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ADMIN RECORD

REVIEWED FOR CLASSIFICATION/UCNL

By F. J. Curran (U-110)

Date 1-12-95

A-SW-001099

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GT.04	Rotary Drilling and Rock Coring	1	08/30/91
DCN 91.01	Core barrel decontamination	1	10/22/91
DCN 91.02	Clarification of measuring tape decontamination requirements	1	10/29/91
DCN 91.03	Superseded by DCN 91.04	1	12/03/91
DCN 91.04	Clarification of the use of super gel-x	1	12/17/91
GT.05	Plugging and Abandonment of Boreholes	1	08/30/91
DCN 91.01	Surface casing classification	1	10/22/91
GT.06	Monitoring Wells and Piezometer Installation	1	08/30/91
DCN 91.01	Industry Standard is 1 foot into Bedrock	1	10/15/91
DCN 91.02	For the Sitewide Program, Claystone Smearing does not seem to be a problem	1	10/15/91
DCN 91.03	Superseded by DCN 91.06	1	11/08/91
DCN 91.04	Low Alluvial thickness wells	1	11/06/91
DCN 91.05	Superseded by DCN 91.08	1	11/06/91
DCN 91.06	Change in filter pack guidance	1	11/08/91
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DCN 91.09	Sampling with center bit drilling	1	12/03/91

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GT.07	Logging and Sampling of Test Pits and Trenches	1	8/30/91
GT.08	Surface Soil Sampling	1	8/30/91
DCN 91.01	Clarification supplementation of GT.08 - Surface Soil Sampling	1	11/26/91
GT.09	Soil Gas Sampling and Field Analysis	1	8/30/91
GT.10	Borehole Clearing	1	8/30/91
GT.11	Plugging and Abandonment of Wells	1	8/30/91
GT.15	Geophysical Borehole Logging	1	8/30/91
DCN 91.01	No Hole will be left Unlogged at the end of the day	1	10/15/91
GT.17	Land Surveying	1	8/30/91
GT.18	Surface Geophysical Surveys	1	8/30/91
GT.19	Field Gas Chromatographs	1	8/30/91
GT.20	Procedures for Soil Interstitial Water Sampling and Sampler Installation	1	8/30/91

# ENVIRONMENTAL MANAGEMENT DOCUMENT CHANGE NOTICE (DCN)

Procedure Number 5-21000-OPS-GT.3 Rev. 1

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Title <b>Isolating Bedrock from Alluvium with Grouted Surface Casing.</b>	Date 12-18-91	DCN Number 5-21000-OPS- <del>GT.3</del> 8105
Expires <u>3-19-92</u> Procedure Revision Required <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Scope Limitation <u>none</u>		

Item Number	Page	Step or Paragraph	Changes (Use DCN CONTINUATION SHEET for Additional Space)
1	8 of 9	Item (3)	<p>Replace the first sentence with:                      "Drill or cut three equally spaced 1-inch diameter holes, slots or triangles (grout ports) into the wall of the casing immediately above the bottom of the casing."</p> <div style="text-align: center; margin-top: 20px;"> <p><b>This is a CONTROLLED DOCUMENT</b>                          EG&amp;G — ROCKY FLATS PLANT                          ENVIRONMENTAL MANAGEMENT DEPARTMENT                          This is a RED Stamp</p> </div>

Justification (Reason for Change — Provide Numbers To Reference Corresponding Items Above)

The grout ports may be any shape as long as they are sufficient to allow the grout to escape from the casing and still be sealed by the grout plug.

Concurrence	Organization	Req	Date	Concurrence	Organization	Req	Date
<i>[Signature]</i>	QAPM	X	12/15/91	<i>A L Primm</i>	User	X	12/18/91
<i>M.C. [Signature]</i>	EOM		12/18/91				

Approval of Responsible Manager <i>[Signature]</i>	Date 12/18/91	Is Posting Req'd? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, By What Date? 12-19-91	Date Posted
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