

ROCKY FLATS PLANT  
EMD OPERATING  
PROCEDURES MANUAL  
VOLUME III: GEOTECHNICAL

Manual No.: 5-21000-OPS-GT  
Procedure No.: Table of Contents, Rev 54  
Page: 1 of 4  
Effective Date: 03/14/94  
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)  
VOLUME VI: AIR (AP)

**EG&G  
SUPERSEDED  
DOCUMENT**

TABLE OF CONTENTS  
FOR VOLUME III: GEOTECHNICAL

<u>Procedure No.</u>	<u>Title</u>	<u>Rev. No.</u>	<u>Effective Date</u>
GT.01	Logging Alluvial and Bedrock Material	2	05/12/92
DCN 92.01	Specialized Logging Form	2	11/13/92
DCN 93.01	Logging	2	01/15/93
DCN 93.02	Logging Deliverables Standard Practices	2	01/25/93
DCN 93.03	Core Log QC Change	2	06/18/93
DCN 93.04	Lithologic Descriptions	2	07/15/93
DCN 93.05	Logging with Well Points	2	07/28/93
DCN 93.06	SVE Core Description	2	08/20/93
GT.02	Drilling and Sampling Using Hollow Stem Auger Techniques	2	05/12/92
DCN 92.04	Prevention of Down Hole Contamination EXTENDED	2	7/28/93
DCN 92.05	EXPIRED	2	EXPIRED
DCN 93.01	INCORPORATED	2	01/10/94
DCN 93.02	INCORPORATED	2	01/10/94
DCN 93.03	INCORPORATED	2	01/10/94
DCN 93.04	INCORPORATED	2	01/10/94
93-DMR-000955	Form GT.2A Modification	2	01/10/94
93-DMR-000960	QC Sample Collection Modification	2	01/10/94

ADP 10

DOCUMENT CLASSIFICATION REVIEW WAIVER  
PER R.B. HOFFMAN, CLASSIFICATION OFFICE  
JUNE 11, 1991

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**ROCKY FLATS PLANT  
EMD OPERATING  
PROCEDURES MANUAL  
VOLUME III: GEOTECHNICAL**

**Manual No.: 5-21000-OPS-GT  
Procedure No.: Table of Contents, Rev 54  
Page: 2 of 4  
Effective Date: 03/14/94  
Organization: Environmental Management**

<u>Procedure No.</u>	<u>Title</u>	<u>Rev. No.</u>	<u>Effective Date</u>
GT.03	Isolating Bedrock from Alluvium with Grouted Surface Casing	2	05/12/92
DCN 93.01	Data Quality Objectives for PLF Investigations	2	02/10/93
DCN 93.02	INCORPORATED	2	01/10/94
DCN 93.03	INCORPORATED	2	01/10/94
DCN 93.04	INCORPORATED	2	01/10/94
93-DMR-000956	Form GT.3A Modification	2	01/10/94
GT.04	Rotary Drilling and Rock Coring	2	05/12/92
93-DMR-000957	FORM GT.4A Modification	2	01/10/94
GT.05	Plugging and Abandonment of Boreholes	2	05/12/92
DCN 92.01	INCORPORATED	2	01/10/94
DCN 93.01	INCORPORATED	2	01/10/94
93-DMR-000961	Form GT.5A Modification	2	01/10/94
GT.06	Monitoring Wells and Piezometer Installation	2	05/12/92
DCN 93.02	Well Point Installation	2	01/28/93
DCN 93.03	Piezometer Logging Modification	2	02/04/93
DCN 93.04	Wells - 5.3.2.2 Revised	2	02/10/93
DCN 93.05	Temperatures - 5.3.2.3 Revised	2	02/10/93
DCN 93.06	Provide Numbers to Reference Corresponding Items	2	02/23/93
DCN 93.07	DCN 93.01 Modification	2	03/17/93
DCN 93.08	PVC Schedule Change	2	05/10/93
DCN 93.09	Change to PVC Casing Thickness	2	05/11/93
DCN 93.10	SVE Bentonite Chips	2	08/20/93
DCN 93.11	SVE Well Specifications	2	08/20/93
DCN 93.12	Riser Installation	2	09/02/93
DCN 93.13	Cancel DCN 93.11, Item #1 for OU 2 SVE Study	2	10/06/93
DCN 93.14	Revision of Figure GT.6-3	2	10/06/93
GT.07	Logging and Sampling of Test Pits and Trenches	2	05/12/92
94-DMR-000276	Section GT.07 and form Modifications	2	02/28/94

**ROCKY FLATS PLANT  
EMD OPERATING  
PROCEDURES MANUAL  
VOLUME III: GEOTECHNICAL**

**Manual No.: 5-21000-OPS-GT  
Procedure No.: Table of Contents, Rev 54  
Page: 3 of 4  
Effective Date: 03/14/94  
Organization: Environmental Management**

<u>Procedure No.</u>	<u>Title</u>	<u>Rev. No.</u>	<u>Effective Date</u>
4-E42-ER-OPS-GT.08	Surface Soil Sampling	3	01/25/94
94-DMR-000133	Sampling Modifications	3	02/04/94
*94-DMR-000229	Editorial Correction GT.08	3	03/14/94
GT.09	Soil Gas Sampling and Field Analysis	2	05/12/92
GT.10	Borehole Clearing	2	05/12/92
GT.11	Plugging and Abandonment of Wells	2	05/12/92
93-DMR-000962	Form GT.11A Modification	2	01/10/94
GT.15	Geophysical Borehole Logging	2	05/12/92
GT.17	Land Surveying	2	05/12/92
DCN 93.01	Land Surveying Clarification	2	09/02/93
GT.18	Surface Geophysical Surveys	2	05/12/92
DCN 92.01	Surface Magnetic Surveys Procedure	2	EXPIRED
DCN 92.02	Modification to Stacking Requirements	2	EXPIRED
DCN 92.03	Modification to Method of Taking Readings	2	EXPIRED
DCN 93.01	5.4 Field Procedure Revisions	2	01/25/93
DCN 93.02	5.5 Time Domain Electromagnetic Metal Detection	2	11/22/93
GT.19	Field Gas Chromatographs	2	05/12/92
GT.20	Procedures for Soil Interstitial Water Sampling and Sampler Installation	2	05/12/92
94-DMR-000297	Section GT.20 and form Modifications	2	02/28/94
GT.21	Cone Penetrometer Testing	1	05/12/92
DCN 93.01	CPT Rods	1	01/15/93
DCN 93.02	Offsets	1	03/17/93

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ROCKY FLATS PLANT  
EMD OPERATING  
PROCEDURES MANUAL  
VOLUME III: GEOTECHNICAL

Manual No.: 5-21000-OPS-GT  
Procedure No.: Table of Contents, Rev 54  
Page: 4 of 4  
Effective Date: 03/14/94  
Organization: Environmental Management

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<u>Procedure No.</u>	<u>Title</u>	<u>Rev. No.</u>	<u>Effective Date</u>
GT.24	Approval Process for Construction Activities on or Near Individual Hazardous Substance Sites (IHSSs)	0	05/12/92

**DOCUMENT MODIFICATION REQUEST (DMR)**

Refer to 1-A01-PPG-001 for Processing Instructions.  
 Print or Type All Information (Except Signatures)

1. Date 02/04/94	25. DMR. No. 94-DMR-000229 <i>SEED 2-11-94</i>
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2. Existing Document Number/Revision 4-E42-ER-OPS, GT.08, Rev.3	3. New Document Number or Document Number if it is to be changed with this Revision NA
4. Originator's Name/Phone/Page/Location C. H. Hayes/x6905/na/Bldg. 080	5. Document Title Surface Soil Sampling
6. Document Type <input checked="" type="checkbox"/> Procedure <input type="checkbox"/> Other	7. Document Modification Type (Check only one) <input type="checkbox"/> New <input type="checkbox"/> Revision <input type="checkbox"/> Intent Change <input type="checkbox"/> Nonintent Change <input checked="" type="checkbox"/> Editorial Correction <input type="checkbox"/> Cancellation

8. Item	9. Page	10. Step	11. Proposed Modifications
1)	35	Sec. 6	Second paragraph, first sentence: Change the text from "Form GT.8A, Surface Soil Data Collection Form..." to "Form FO.14C (Rev. 09/16/93), Surficial Soil Sample Form (see page 40 in this procedure)..."
2)	35	Sec. 6	Second paragraph, third sentence: Change "Form GT.8B" to "Form GT.08A ( Rev 3)".
3)	40	form	Remove the reference ("GT.08B, Rev. 3") at the bottom of the Surficial Soil Sample Form.
4)	41	form	Label the Surface Soil Sampling Field Activities Report form at the bottom right with the footnote reference : "Form GT.08A, Rev.3"

12 Justification (Reason for Modification, EJO#, TP#, etc.)

1,2: The text needs to be corrected to coincide with the forms located on pages 40 and 41 of this procedure

3: This form already has a reference number, "FO.14C" located in the top right corner, below the header.

4: This form needs a reference number.

If modification is for a new procedure or a revision, list concurring disciplines in Block 13, and enter N/A in Blocks 14 and 15. If modification is for any type of change or a cancellation, organizations are listed in Block 13, then Concuror prints, and signs in Block 14, and dates in Block 15.

13. Organization	14. Print and Sign (if applicable)	15. Date (if applicable)
EQS	M.C. Brooks <i>(R.R.)</i>	2-15-94
SME	M.Z. Litaor <i>(M. Z. Litaor)</i>	2-15-94

16. Originator's Supervisor (print/sign/date) R.S. Luker / <i>(Signature)</i> 2/9/94				
17. Assigned SME/Phone/Page/Location M.Z. Litaor/x8583/na/Bldg. 080	18. Cost Center 0202	19. Charge Number ENV-GT	20. Requested Completion Date 02/10/94	21. Effective Date 3/14/94
22. Accelerated Review? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		23. ORC Review ORC Review not required		
24. Responsible Manager (print, sign, date) M.E. Levin / <i>(Signature)</i> 2-14-94				

2-16-94

REVIEWED FOR CLASSIFICATION/UCNI  
 BY \_\_\_\_\_ NA  
 DATE \_\_\_\_\_ NA

DCCU  
 FEDERAL GOVERNMENT, CLASSIFICATION OFFICE  
 JUNE 11, 1991

**SURFACE SOIL SAMPLING**

EG&G ROCKY FLATS PLANT	Manual:	4-E42-ER-OPS
ERM OPERATIONS PROCEDURE MANUAL	Procedure No.	GT.08,Rev.3
<i>Vol. III : Geotechnical</i>	Page:	1A of 41
	Effective Date:	<i>3/14/94</i>
	Organization:	Environmental Restoration Management

**LIST OF EFFECTIVE PAGES**

<u>PAGES</u>	<u>EFFECTIVE DATE</u>	<u>CHANGE NUMBER</u>
1A	01/28/94	94-DMR-000133
6-6A	01/28/94	94-DMR-000133
9	01/28/94	94-DMR-000133
11-13	01/28/94	94-DMR-000133
35	<i>LME</i> <del>02/194</del> <i>3/14/94</i>	94-DMR- <del>000229</del>
39	<i>LME</i> <del>02/194</del> <i>3/14/94</i>	94-DMR-000133
40	<i>LME</i> <del>02/194</del> <i>3/14/94</i>	94-DMR- <del>000229</del>
41	<i>LME</i> <del>02/194</del> <i>3/14/94</i>	94-DMR- <del>000229</del>

Total Number of Pages: 44

## SURFACE SOIL SAMPLING

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EG&G ROCKY FLATS PLANT	Manual:	4-E42-ER-OPS
ERM OPERATIONS PROCEDURE MANUAL	Procedure No.	GT.08, Rev.3
<i>Vol. III = Geotechnical</i>	Page:	35 of 41
	Effective Date:	3/14/94
	Organization:	Environmental Restoration Management

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### 6.0 RECORDS

All records for field investigations are subject to requirements set forth in RFP Sitewide QAPjP. All of the forms described in this section and any additional records as defined in the QAPjP 17, Section 2 need to be turned over to the project manager within 10 days of completion. The project manager is responsible for transmittal of the completed records within 30 days of completion as specified in 3-21000-ADM-17.01.

94-DMR-000229

~~Form GT.8A, Surface Soil Data Collection form~~ Form FO.14C (Rev.09/16/93); Surficial Soil Sample Form (see page 40 of this procedure), will be completed for each sample location and for composite samples with the northwest corner of the composite area for the X, Y location. The information needed includes sample number, date, time, location code, purpose, sample location, composite information, collection method, sampling team members, volume collected, headspace reading, if applicable, and Chain of Custody (COC) number. ~~Form GT.8B~~ Form GT.08A (Rev.3), Surface Soil Sampling Field Activities Report, will be used for collection of samples for compositing. The form should include project identification, date, sampler, location, grid description and time.

Chain-of-custody procedures for all sampling is detailed in procedure FO.13, Containerization, Preserving, Handling and Shipping of Soil and Water Samples.

All photographs will be numbered, dated, labeled with the project number, site and sample location number; and kept in the project files.

**SURFACE SOIL SAMPLING**

EG&G ROCKY FLATS PLANT	Manual:	4-E42-ER-OPS
ERM OPERATIONS PROCEDURE MANUAL	Procedure No.	GT.08,Rev.3
	Page:	40 of 41
<i>Vol. III : Geotechnical</i>	Effective Date:	<i>3/14/94</i>
	Organization:	Environmental Restoration Management

**U.S DEPARTMENT OF ENERGY ROCKY FLATS PLANT  
SURFICIAL SOIL SAMPLE FORM**

FORM FO.14C  
Revision 16 SEP 93

Sample Collection Form		
Project Number:		Type: SS
Sample Number:		
Contractor:		
Station Code:		
Collection Date:	Quarter:	Disposition:
Collection Time:	Purpose:	
Sample Location:		
Composite:	(Y/N)	
Composite Desc:		
QC Type:	Partner:	
Collection Method:		
Sample Team Leader:		
Member:		
Member:		
Volume Collected:	Units:	
Prepared By:		

Surface Soil Sample Form		
Depth of Take	Start	End
	in	
Headspace Reading		
Comments		

Sample Crew Member:	_____	
	Print Name	
	_____	_____
	Signature	Date

94-DMR - 000229

