

**ROCKY FLATS PLANT
EMD OPERATING
PROCEDURES MANUAL**

Manual No.: 5-21000-OPS-FO
Procedure No.: Table of Contents, Rev 39
Page: 1 of 4
Effective Date: 12/18/92
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)**

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FOR VOLUME I: FIELD OPERATIONS**

<u>Procedure No.</u>	<u>Title</u>	<u>Rev. No.</u>	<u>Effective Date</u>
FO.01	Air Monitoring and Dust Control	2	05/12/92
FO.02	Transmittal of Field QA Records	3	05/22/92
FO.03	General Equipment Decontamination	2	05/12/92
DCN 92.01	Clarification of Decontamination	2	07/21/92
DCN 92.02	Update to Clarification of Decontamination	2	12/12/92
FO.04	Heavy Equipment Decontamination	2	05/12/92
DCN 92.01	Expired	1	04/30/92
DCN 92.02	Expired	1	06/12/92
DCN 92.03	Consistency Change	1	09/18/92
DCN 92.04	Update to Clarification of Decontamination	2	12/17/92
FO.05	Handling of Purge and Development Water	2	05/12/92
FO.06	Handling of Personal Protective Equipment	2	05/12/92
DCN 92.01	Monitoring Change	2	09/18/92

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

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FO.07	Handling of Decontamination Water and Wash Water	2	05/12/92
DCN 92.01	Consistency Change	2	09/18/92
FO.08	Handling of Drilling Fluids and Cuttings	2	05/12/92
DCN 92.04	Clarification of Drill Cuttings	2	06/04/92
DCN 92.05	Handling of Drilling Fluids and Cuttings	2	09/02/92
DCN 92.06	Clarification of Responsibility	2	09/09/92
DCN 92.07	Elimination of Drilling Requirements on Earthen Dams	2	09/10/92
DCN 92.08	Consistency Change	2	09/18/92
DCN 92.09	Clarification of Augering Technique for OU-6	2	10/28/92
DCN 92.10	Improve Tracking of Samples	2	12/07/92
FO.09	Handling of Residual Samples	2	05/12/92
FO.10	Receiving, Labeling, and Handling Environmental Materials Containers	2	05/12/92
DCN 92.03	Clarification on Drums	2	06/12/92
DCN 92.04	Decrease in Weekly Inspections of Gray Drums	2	11/18/92
DCN 92.05	Requirement Reduction	2	09/16/92
DCN 92.06	Improve Accountability	2	10/15/92
DCN 92.07	Change Drum Inspection Period	2	10/22/92
DCN 92.08	Drum Log F or M Change	2	12/03/92
FO.11	Field Communications	2	05/12/92

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FO.12	Decontamination Facility Operations	2	05/12/92
FO.13	Containerization, Preserving, Handling and Shipping of Soil and Water Samples	2	05/12/92
DCN 92.01	Chain of Custody	2	07/27/92
DCN 92.02	Improve Tracking of Samples	2	12/08/92
FO.14	Field Data Management	2	05/12/92
DCN 92.01	Update Bottle Codes and Lab Codes to Current Status	2	06/30/92
DCN 92.02	Clarification of Biological Locations (07/08/92- Extended)	2	11/20/92
DCN 92.03	Changes in Procedures (07/08/92 - Extended)	2	11/20/92
DCN 92.04	Expired	2	10/15/92
DCN 92.05	Update QA/QC Code List	2	09/28/92
DCN 92.06	Clarify Description	2	09/28/92
DCN 92.07	Update Bottle Code List	2	09/28/92
DCN 92.08	Add Sub-Contractor Abbreviations	2	10/14/92
DCN 92.09	Major Form Revision	2	11/03/92
DCN 92.10	Elimination of Non-Required Section	2	11/10/92
DCN 92.11	Update Bottle Code & Lab Codes to Current Status	2	12/09/92
FO.15	Photoionization Detectors (PIDs) and Flame Ionization Detectors (FIDs)	2	05/12/92

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<u>Procedure No.</u>	<u>Title</u>	<u>Rev. No.</u>	<u>Effective Date</u>
FO.16	Field Radiological Measurements	2	05/12/92
DCN 92.04	Expired	1	09/22/92
DCN 92.05	Addition of HPGe	2	11/24/92
FO.17	Determining Out-Of-Specification Analytical Results for Environmental Samples		To Be Added
FO.18	Environmental Sample Radioactivity Content Screening	1	05/12/92
FO.19	Base Laboratory Work	2	05/12/92

This is a F32
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 EG&G - ROCKY FLATS PLANT **DOCUMENT CHANGE NOTICE (DCN)**
 ENVIRONMENTAL MANAGEMENT
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Procedure Number 5-21000-OPS-F0.03, Rev. 2

Title <u>General Equipment Decontamination</u>	Date <u>12/12/92</u> 11-2-92 <i>LM</i>	DCN Number <u>5-21000-92.02</u> <i>SPD</i>
Expires <u>1-2-93</u>	Procedure Revision Required <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Scope Limitation <u>CPT/BAT equipment within IHSS 114, the Present Landfill</u> <i>OUT LM</i>		

Item Number	Page	Step or Paragraph	Changes (Use DCN CONTINUATION SHEET for Additional Space)
1	18/18	5.6.7 (new)	Cone penetrometer (CPT) and BAT sampling equipment.: All down-hole equipment used during CPT or BAT sampling will be decontaminated between CPT or BAT locations. Down-hole equipment will be decontaminated at the sample site. All fluids generated will be handled in accordance with FO.7. The CPT/BAT rig will be decontaminated at the main decon facility prior to and immediately after completion of activities within IHSS 114. <i>LM</i>

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

To minimize potential spread of contamination between IHSS 114 and the decon facility. To reduce resource impacts on the main decon facility and reduce schedule impacts due to transport times.

Concurrence	Organization	Req	Date	Concurrence	Organization	Req	Date
<i>Sally Mignin</i>	QAPM	X	12/17/92	<i>RL</i>	User	X	17-Dec-92
<i>McBumster</i>	FOM						
Approval of Responsible Manager <i>[Signature]</i>		Date	<u>11/24/92</u>	Is Posting Req'd?	If Yes, By What Date?		Date Posted
				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>Upon Receipt LM</u>		

43212/2/92 This is a #22
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Procedure Number 5-21000-OPS-FO.4, Rev. 2

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Title	Heavy Equipment Decontamination	Date	10/17/92 11-2-92	DCN Number	5-21000-92.04 SERD
Expires	11-2-93	Procedure Revision Required	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Scope Limitation	IHSS 114, the Present Landfill, OU7				

Item Number	Page	Step or Paragraph	Changes (Use DCN CONTINUATION SHEET for Additional Space)
1	10/21	6.1 end of section (new)	Add as new paragraph following last paragraph of section 6.1 on pg. 10: Drill rigs used for completing monitoring wells will be decontaminated before entering and immediately upon leaving IHSS 114 of OU7. All down hole non-sampling equipment will be decontaminated at the main decon facility between well locations.
2	10/21	6.1 last sentence	Add to the end of the last paragraph beginning "For the purposes of this SOP...": The CPT/BAT rig will be decontaminated at the main decon facility prior to and immediately after completion of activities within IHSS 114 of OU7.

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

1. Clarification of decon procedures for landfill operations. Minimization of potential spread of contamination between the Present Landfill and the decontamination facility.
2. Clarify heavy equipment decon requirements for CPT/BAT rig.

Concurrence	Organization	Req	Date	Concurrence	Organization	Req	Date
<i>[Signature]</i>	QAPM	X	12/17/92	<i>[Signature]</i>	User	X	17-Dec 92
<i>[Signature]</i>	FOM						

Approval of Responsible Manager	Date	Is Posting Req'd?	If Yes, By What Date?	Date Posted
<i>[Signature]</i>	12/17/92	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	upon receipt	