

QUARTERLY UPDATE

For July 1993 through September 1993

IDM HANDLING AND STORAGE

PREPARED BY

ENVIRONMENTAL RESTORATION
FACILITIES OPERATIONS MANAGEMENT

EG&G ROCKY FLATS, INC.

September 30, 1993

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INTRODUCTION

Facility Operations Management/Environmental Restoration provides safe and proper handling and storage of filter cake (FC), a low level mixed waste from the Rad Removal System (RRS), Soil/Sediment (SS) from the Decontamination Facilities, 903A Pad and PA Pad, and drill cuttings generated through Environmental Restoration (ER) RI/RFI investigations. These drums are stored in 90-day areas prior to transfer to the Interim Status Units 18 03 and/or 18 04.

REPORTS/CORRESPONDENCE

IDM is currently being managed per EMD Operating Procedures 5-21000-OPS-FO, Vol 1, Procedures NO FO 8 and FO 10. FO 10 is presently under revision to incorporate several policy changes and the addition of Radioactive drum handling. These SOPs will be transmitted to Quality Assurance (QA) on November 1, 1993 to begin the issuing process. Directly two EG&G organizations have Standard Operating Procedure, FO 23, "Management of Soil and Sediment Investigative Derived Materials". Facility Safety Engineering requires a safety screen and QA will be sending copies out for managers concurrence. As soon as these two tasks have been completed, FO 23 will be issued by document control and training can begin.

Weekly inspections on the 90-day accumulation area, located in the EG&G contractors yard were completed on time and documented on the Waste Management 90-day Area Weekly Inspection Log Sheet. All weekly inspection for RCRA Unit 18 04 and 18 03 were completed on time and documented on the Hazardous Waste Management Container Storage Area Weekly Inspection Log Sheets.

Correspondence letters are attached in the work package and include necessary support requests from the following EG&G organizations: Radiological Engineering, Industrial Safety/Hygiene, Waste Operations, and 881 General Laboratories. All requests for IDM support have been granted. Other correspondence letters referenced as attachments in the IDM Handling & Storage work package are:

- 1 Memorandum from R. L. Benedetti ERD. to ERD distribution, dated November 30, 1992, subject "Re-baseline of Environmental Restoration Work Packages 'A' of the Plant Work Breakdown Structure".
- 2 Letter from Gary Baughman, Colorado Dept of Health to Frazer Lockhart DOE/RFO, dated June 12, 1992, subject "Storage and Handling of Investigative Derived Waste (IDW) and Hazardous Investigation Derived Waste (HIDW)".
- 3 Memorandum from M. C. Broussard FOM to J. A. Ciucci, RWO, dated January 21, 1993, subject: "Memorandum of Understanding (MOU) for Management of RCRA Storage Areas".

Sample

No sampling and analysis of IDM under spill/spill clean up situations at RCRA storage was performed during this quarter.

Problems/Maintenance

Outstanding Work Control Forms:

- 1 A 50 - 60 ft section of fence will be erected to enclose RCRA Unit 18 03 on September 30, 1993 This work was detailed due to a 13 8 KV power distribution line in the immediate vicinity.
- 2 Painting and banding of drums for on going drilling projects as needed.
3. Construct water diversion system outside of tent one
- 4 Asphalt patching for degraded areas as required within tent one Planned completion date October 30, 1993
- 5 Storm drain pipe immediately west of tent 1 perimeter is covered with asphalt and dirt. These materials will be removed to allow normal flow. Completion date for this task is September 30, 1993.
6. Flaps on Tent 1 do not stop the water from entering the tent. The flaps will be resecured on the west side and more adhesive will be added on the boards to the pavement.
- 7 Install vents on 10 new cargos located on the southeast side of tent 1.
8. Purchase and paint cargo's white in 18 03 as required at all units.
- 9 The inside of cargos #12 and #14 need interior prime. Both cargos have significant rust. This job has been detailed due to the original type of paint being request was identified as a safety concern. A new paint has been procured.
10. An Engineering Job Order was submitted June 23, 1993 to Plant Paving to do a complete overly within tent one

Anticipated Operation for next Quarterly

Completion of all maintenance activities is expected prior to submittal of the next quarterly report. Issuing and training to SOP FO. 23 is anticipated. Revisions to both FO. 8 and FO. 10 will be completed. Full qualification for FOM Environmental Coordinators will begin and Training Records are anticipated to be met by their designated dates
The Health and Safety Plan internal milestone for FY93 will not be completed until FY95 due to the change in schedule for the RCRA Interim Status storage building.

Evaluation of the immediate and long term needs for storage has prompted the re-proposal of a building for storage at Buildings 223 and 553. A walk down of these buildings has been completed and a recommendation to permit them for IDM storage has been made

Environmental Compliance

There are currently 17 cargo containers in place at 18.04 Unit. The boundaries for the unit consists of 15 cargo containers. RCRA Regulatory Programs is submitting a modification to the permit to expand the boundaries.

Progress towards complying with the Colorado Department of Health's request to manage IDM carries on through the revision of existing SOPs and completion of FO. 23 SOP.

RCRA Interim Status Unit 18 03 underlying base is not free of cracks and gaps. The asphalt is in need of repair to support the activity and movement of drums in the tent. An EJO has been completed to repair the asphalt and the work is scheduled to be completed in October 1993.

Summary/Conclusions

As of September 29, 1993, the current inventory of drums in the EM 1940 90-day area is 253. The field has 1717 drums scheduled to come into the storage units as expeditiously as possible. Unit 18 04 has 175 white drums and 252 gray drums. Unit 18 03 has 1369 drums of IDM and Soil/Sediment, 4 Bulk Back Bins, and 3 Cyclesorbs.

Requisitions have been submitted for a forklift which can be utilized inside a facility and will operate the hydraulic rotator, labor and materials to install an asphalt patch at tent 1, wood pallets, and rollers for 10 cargos. Of the 10 cargos procured in April, FOM has received all 10.

FOM will continue to manage the IDM from the Environmental restoration-drilling, sampling, soil, surface water and groundwater remediation for Integrated OU's. As buildings 891 and T900D proceed with OU support to CERCLA remediation activities, FOM will manage their waste. Other projects currently operating which require support include Decontamination Pad, Well Abandonment and Replacement Program (WARP), and Systematic Evaluation Program (SEP), Soil Vapor Extraction Pilot Test Program at OU-2, Colloidal Polishing Filter Method (CPFM) EPA Site Demo Temporary Modular Tanks at OU-4.