

HAFB 2004



DEPARTMENT OF THE AIR FORCE

HEADQUARTERS 49TH FIGHTER WING (ACC)
HOLLOMAN AIR FORCE BASE, NEW MEXICO

30 MAR 2004

MEMORANDUM FOR NEW MEXICO ENVIRONMENT DEPARTMENT

Attn: Mrs. Sandra Martin
Hazardous Waste Bureau
2905 Rodeo Park Drive, East Bldg 1
Santa Fe NM 87505-6303



FROM: 49 CES/CD
550 Tabosa Ave
Holloman AFB NM 88330-8458

SUBJECT: Hazardous and Solid Waste Amendments (HSWA) Quarterly Report for
Oct-Dec 2003, EPA ID NM6572124422

1. In accordance with Module IV, Section E, of the Holloman AFB HSWA Permit, attached please find the Oct-Dec 2003 Quarterly Report.
2. If you have any questions, please contact Mr. Dan Holmquist at (505) 572-5395.

A. DAVID BUDAK
Deputy Base Civil Engineer

Attachment:

Hazardous and Solid Waste Amendments (HSWA) Quarterly Report for Oct - Dec 2003 (1 copy)

cc w/Atch:

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**HOLLOMAN AIR FORCE BASE
NEW MEXICO**

HAZARDOUS AND SOLID WASTE AMENDMENT

QUARTERLY ACTIVITY REPORT

EPA ID NM6572124422

**Activity Period:
October 1 to December 31, 2003**

1.0 INTRODUCTION

This quarterly report has been prepared in accordance with the Resource Conservation and Recovery Act (RCRA) Permit and the Hazardous and Solid Waste Amendments (HSWA) Permit for Holloman Air Force Base (HAFB or Holloman). These permits require periodic reporting of activities related to corrective actions at Solid Waste Management Units (SWMUs) located at HAFB.

The report summarizes activities and available data concerning corrective actions at actively remediated SWMUs across HAFB between October 1, 2003 and December 31, 2003. Table 1 briefly summarizes the status of each site undergoing the corrective action process. Table 1 provides the SWMU number, site name, corresponding Environmental Restoration Program (ERP) site number, the status of each site, the activities conducted during the reporting period and the schedule for additional activities (if needed).

Section 2.0 provides the details of specific activities such as work plan preparation, report preparation, landfarm compliance sampling and initial pothole excavations at SS-59 (T-38). Section 3.0 summarizes planned future activities for each site during next quarter. The report certification statement is presented in Section 4.0

2.0 CORRECTIVE ACTION ACTIVITIES THIS QUARTER

Between October 1 and December 31, 2003, preparations for further remediation activities were conducted and reports were being prepared. Remediation related activities conducted during the period consisted of pothole excavation sampling and free product measurements performed at SS-59 (T-38) and landfarm compliance sampling.

2.1 Old Fire Training Area FT-31 (SWMUs 39, 127, 135, 170, 171)

The field activities at FT-31 were completed in quarter 2 of 2003. Preparation of the closure report for three phases of soil excavation, closure sampling and disposal began during this quarter. Two internal drafts were prepared for review during the reporting period. A draft copy of the report will be submitted to NMED and USACE by the end of Quarter 1, 2004.

2.2 T-38 Test Cell (SS-59)

Renewed remediation activities at T-38 began in November 2003 with the gauging of fluid levels in the existing wells and the installation of test pits to collect soil samples for TPH analysis and to observe the thickness of fuel on the water table at select areas. These pits were installed to determine how best to approach skimming of fuel from the water as well as estimating how much PCS would be excavated at the site.

The proposed treatment for soil at T-38 is landfarming. Preparations for siting and constructing the landfarm were initiated in quarter 3 but were halted by a potential conflict with emissions from the landfarm and the Base-wide Title V Air Permit. Historical soil and recent analytical results (test pits) were used to model potential air emissions using multiple configurations of the landfarm (both size and lift thickness). Other variables modeled included the use of applied moisture and biomass to improve the bio-remediation rate and limit volatilization. The results were submitted by Mike Porto (HAFB) to the NMED Air Quality Bureau so they could decide if they wished to regulate the landfarm activities.

2.3 Landfarm at FT-31

In November 2003, the first round of quarterly groundwater and soil sampling was conducted in accordance with the temporary discharge permit. Analytical results for samples of soil and groundwater collected at the site indicate that no impact to the environment by landfarming operations occurred. The landfarm processed nearly 8,000 cubic yards of soil in quarter 2, 2003 but was vacant in quarter 3. A quarterly report, prepared in accordance with the discharge permit, was submitted to the NMED Groundwater Quality Bureau on December 30, 2003.

2.4 Ritas Draw (DP-62)

The workplan for Ritas Draw was submitted to NMED and USACE for review in November 2003. When the comments are received, the work plan will be revised as necessary. Field activities at DP-62 are planned for the first quarter of 2004 if the comments are received and resolved in a timely manner.

2.5 AOC-2 Tower Site

The workplan for AOC-2 was submitted to NMED and USACE for review in November 2003. When the comments are received, the work plan will be revised as necessary to accommodate these comments. Field activities at AOC-2 are planned for the first quarter of 2004 if the comments are received and resolved in a timely manner.

2.6 SS-61 (AOC-1001) Building 1001

The workplan for SS-61 was submitted to NMED and USACE for review in November 2003. When the comments are received, the work plan will be revised as necessary. Field activities at SS-61 are planned for the first quarter of 2004 if the comments are received and resolved in a timely manner.

2.6 SWMU-123 POL Yard

The workplan for SWMU-123 was submitted to NMED and USACE for review in November 2003. When the comments are received, the work plan will be revised as necessary. Field activities at SWMU-123 are planned for the first quarter of 2004 if the comments are received and resolved in a timely manner.

3.0 ACTIVITIES FOR SCHEDULED FOR THE NEXT QUARTER

Activities for the next quarter (Fourth Quarter, October 1 to December 31, 2003) will include:

1. Initiation of field activities at Ritas Draw (DP-62)
2. Initiation of field activities at AOC-1001 (SS-61)
3. Initiation of field activities at POL Yard Wash Rack and Tank (SWMU 123).
4. Submittal of the Closure Report for FT-31
5. Class 3 Permit Modification to remove sites from the KAFB Permit

4.0 CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Daniel K. Holmquist

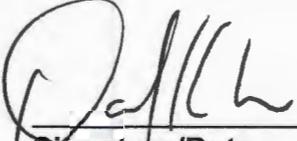
Name

49 CES/CEVR

Organization

Remedial Project Manager

Position

 3/29/04

Signature/Date

TABLES

TABLE 1
QUARTER 4, 2003 STATUS SUMMARY
(OCTOBER 1 TO DECEMBER 31, 2003)
ONGOING CORRECTION ACTION SITES
HOLLOMAN AIR FORCE BASE, NEW MEXICO

SWMU NO.	SITE NAME	SITE STATUS	ACTIVITIES CONDUCTED (THIS PERIOD)	SCHEDULED ACTIVITIES
39,127,135, 170 & 171	Fire Training Area (ERP Site FT-31)	Field Activities Complete	Preparation of the Closure Report	Deliver Closure Report by end of Q1, 2004
123	Building 704 Waste Oil Tank (ERP Site N/A)	Undergoing Corrective Action	Submitted revised work plan to NMED in November 2003.	Initiate Field work by the end of Q1, 2004.
133	POL Yard Release (ERP Site SD-47)	Corrective Action Complete	None	None at present time
136	King 1 Bio Vent Site (ERP Site)	Corrective Action Complete	Placed on Basis for Determination (Permit Modification)	Awaiting final removal from permit by NMED.
139 & 140	Lake Holloman (139) Lake Stinky (140)	Corrective Action Complete	Placed on Basis for Determination (Permit Modification)	Awaiting final removal from permit by NMED.
141	Pad 9 Washrack ERP Site	Site Require: Additional Characterization	None. Work plan complete and approved by NMED	Preparing project narratives in Q1, 2004 for funding.

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148 to 154	Holloman Sewage Lagoons	Corrective Action Complete	Routine inspection and maintenance to fences.	Routine inspection and maintenance in FY04
229	T-38 Test Cell (ERP Site SS-59)	Undergoing Corrective Action	Began pothole excavation and fluid level measurements in November 2003. Awaiting decision about air permitting for landfarm.	Excavation and disposal of impacted soil planned for Q1 2004 if landfarm is approved.
AOC-2	North Tower Site	Investigation Requested	Submitted work plan for review in November 2003	Awaiting work plan approval from NMED. Expected in Q2, 2004
AOC-Q	BX Service Station (ERP Site SS-17)	Undergoing Corrective Action	None	Resume activities in Q2 and Q3 2004.
AOC-T	Main POL Spill (EPR Sites SS-02 and SS-05)	Undergoing Corrective Action	Submitted work plan to NMED in November 2003.	Excavation scheduled for Q2 and Q3 of 2004.

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AOC-V	Officer's Club (EPR Site SS-57)	Undergoing Corrective Action	Submitted work plan to NMED in November 2003	Perform additional field investigations in Q1, 2004
AOC-1	Chemical Agent Site (ERP Site DP-64)	Undergoing Corrective Action Preliminary Grid walk and visual site inspection for additional exposed agent conducted in FY 2000.	Health and Safety Plan for the site approved. Work assigned to chemical agent contractor	Initiation of field activities scheduled for Q2 2004.
AOC-3	Ammunition Disposal Site (ERP Site DP-63)	Undergoing Corrective Action PA/SI Completed 2000	Received funding from USACE to Bhate and UXO subcontractor.	Field work will be performed during 2004.
AOC-4	West POL Fuel Spill Site	Corrective Action Complete	None. No funding available in 2004. If money becomes available, work plan for additional work will be prepared.	Request funding for FY05. Preparation of a letter work plan to assess the extent of impacted soil beneath the SW corner of the tank farm basin.
AOC-1001	Building 1001 (ERP Site SS-61)	Undergoing Corrective Action	Prepared and submitted work plan to NMED.	Field work scheduled for Q1 2004.