

HAFB 04



MEMORANDUM FOR NEW MEXICO ENVIRONMENT DEPARTMENT

Mr. Cornelius Amindyas
Hazardous Waste Bureau
2905 Rodeo Park Drive East
Santa Fe, New Mexico 87505-6306

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

SUBJECT: Hazardous and Solid Waste Amendments (HSWA) Quarterly Report for July –
September 2004, EPA ID NM6572124422

1. In accordance with Module IV, Section E, of the Holloman AFB HSWA permit, attached please find the July - September, 2004 Quarterly Report.
2. If you have any questions please contact me at (505) 572-5395.

A handwritten signature in cursive script that reads 'Chris/ra'.

Daniel K. Holmquist

Environmental Restoration 49 CES/CEV

Attachment: *HSWA Quarterly Report, July –September, 2004* (1 copy)
Cc (w/attachment):

Ms. James Bearzie
Hazardous Waste Bureau
2905 Rodeo Park Drive East
Santa Fe, NM 87505-6303

Steve Jetter NMED-HWD
Attention NMED DOE OB
H & Pennsylvania Street
Albuquerque, NM 87116

James Harris
USEPA, Region 6 PD-N,
1445 Ross Ave., Ste 12
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**HOLLOMAN AIR FORCE BASE
NEW MEXICO**

**HAZARDOUS AND SOLID WASTE AMENDMENT
QUARTERLY ACTIVITY REPORT
EPA ID NM6572124422**



**Activity Period:
July 1 to September 30, 2004**

I.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 July 1, 2003 and September 30, 2004. 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, investigations and remediation activities. 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 July 1 and September 30, 2004, further remediation activities were conducted at the at POL Yard 02/05 (AOC-T) and SS-59 (T-38). Additionally, investigations activities were continued at SWMU 123, AOC-2 and SS-61. A draft final report was submitted for NFA at site DP-62. Activities at each site are detailed in the subsections below.

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

The draft report was submitted for review by NMED in April 2004. Comments from NMED were received in Late September 2004. The revised closure report will be transmitted to NMED in Quarter 4 of 2004.

2.2 T-38 Test Cell (SS-59)

Approximately 8,730 cubic yards of petroleum contaminated soil (PCS) soil were excavated at the site and treated in the adjacent landfarm. Approval for temporary use of the landfarm was granted on July 16, 2004. At least one more lift (8,730 cubic yards) will be excavated and treated by the end of 2004 at this site.

2.3 Landfarm at FT-31

Approximately 3,500 cubic yards was placed and treated at the landfarm during Q3. The soil came from Site 02/05. Perhaps, one additional lift of PCS will be placed in the landfarm for treatment in Q3 2004. Quarterly reports for the landfarm were submitted to the NMED Groundwater Quality Bureau as required by the operating permit.

2.4 Landfarm at T-38

On July 16, 2004 NMED Groundwater Bureau granted temporary permission to operate the PCS landfarm at T-38. During this quarter, approximately 8,730 cubic yards was placed and treated at the landfarm. All the PCS is from the T-38 site (SWMU 229). Quarterly reports for the landfarm were submitted to the NMED Groundwater Quality Bureau as required by the operating permit.

2.5 Ritas Draw (DP-62)

Comments on the draft Phase II RFI report for the site were resolved and a draft final report was submitted to NMED in August 2004. NMED submitted a letter of no further action (NFA) to HAFB regarding this site in late September 2004. The site will be placed in the Statement of Basis petition for 10 SWMUs which should be submitted to NMED in November 2004.

2.6 AOC-2 Tower Site

The field investigation at AOC-2 was initiated and completed in Q2. No hazardous constituents were detected in soil or groundwater samples collected in accordance with the approved work plan. A draft report was submitted to NMED in Q3 requesting NFA for the site.

2.7 SS-61 (AOC-1001) Building 1001

The first round of groundwater data was collected for the FS study at SS-61 in February 2004. The second round was collected in April 2004. A third round of groundwater samples were collected in July 2004 and an interim FS report for the site was submitted to Air Combat Command (internal milestone) in September 2004. A courtesy copy of the interim FS Report was submitted to NMED for review. Additional groundwater samples will be collected in Q4 2004 and Q1 2005. After the Q1 2005 sampling, a draft final FS report will be submitted to NMED for review.

2.8 SWMU-123 POL Yard

The investigation field work at this site was completed in Q2. Soil sampling was initiated in late March (Q1). A draft report was being prepared for submittal during late Q3 when non-aqueous phase liquid (NAPL) was detected in one of the monitoring wells at nearly 0.7 feet in thickness. The exact reason for the sudden appearance of the NAPL was not certain. However, NMED was notified and routinely bailing to skim the NAPL was initiated at the site. Further, a new round of groundwater sampling and analysis was performed to re-assess the situation.

2.9 SS-57 Officer's Club

A risk assessment proposing amended SSLs for specific constituents at this site was submitted to NMED for review. If approved, the risk assessment would eliminate the need to remove difficult to access or inaccessible soil from the site.

3.0 ACTIVITIES FOR SCHEDULED FOR THE NEXT QUARTER

Activities for the next quarter (Fourth Quarter, October 1 to December 31, 2004) will include:

1. Excavation of additional PCS at SS-59 (T38)
2. Continued operation of the FT-31 landfarm.
3. Continued excavation and treatment of soil from of Site 02/05
4. Continued excavation and treatment of soil from SS-59 (T-38)
5. Resumption of excavation and removal of PCS at SS-17 (AOC-Q) the BX service station.
6. Hospital UST removal

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

CKS/pa 12-23-04

Signature/Date

TABLES

TABLE 1
QUARTER 3, 2004 STATUS SUMMARY
(JULY 1 to SEPTEMBER 30, 2004)
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	Received comments from NMED on Closure Report. Making repairs to report based upon the comments.	Submit Draft Final Report by December 2004
123	Building 704 Waste Oil Tank (ERP Site N/A)	Undergoing Corrective Action	While preparing draft report, HAFB reported a small amount of Phase separate hydrocarbons to NMED in one well. The well was bailed and hydrocarbons were removed from the groundwater surface. In September 2004, the monitoring well network was sampled again to re-assess the nature and extent of groundwater impacts.	Deliver Draft Report for review by Q4 2004.
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 Requires Additional Characterization	None. Work plan complete and approved by NMED. Funding has been requested for FY05.	Field work will be performed in FY05.

TABLE 1
QUARTER 2, 2004 STATUS SUMMARY
(JULY 1 to SEPTEMBER 30, 2004)
ONGOING CORRECTION ACTION SITES
HOLLOMAN AIR FORCE BASE, NEW MEXICO

148 to 154	Holloman Sewage Lagoons	Corrective Action Complete	Routine inspection and maintenance to fences conducted in Q1. Minor repairs as needed.	Routine inspection and maintenance in FY05
229	T-38 Test Cell (ERP Site SS-59)	Undergoing Corrective Action	Excavated and treated approximately 8,730 cubic yards of petroleum contaminated soil (PCS) from the site in the newly permitted landfarm.	Continue to excavate and treat PCS at the site in Q4.
AOC-2	North Tower Site	Investigation Requested	The filed investigation of the AOC was performed in Quarter 3. Soil and groundwater samples were collected at the site in accordance with the approved work plan. No hazardous constituents were identified at the site. A draft report was submitted to NMED with a request for NFA and removal of the site from the RCRA Permit.	Awaiting NFA determination from NMED
AOC-Q	BX Service Station (ERP Site SS-17)	Undergoing Corrective Action	None	Resume excavation and land farming of soil in Q4.
AOC-T	Main POL Spill (EPR Sites SS-02 and SS-05)	Undergoing Corrective Action	Excavated and treated 3,500 cubic yards of soil in August 2004. Excavation sidewall samples indicate that PCS is still present on the south and part of the east walls of the excavation. Other sides are below NMED SSL standards for PCS.	Completion of excavation activities scheduled for Q1 2005 (when funding is available).

TABLE 1
QUARTER 3, 2004 STATUS SUMMARY
(JULY 1 to SEPTEMBER 30, 2004)
ONGOING CORRECTION ACTION SITES
HOLLOMAN AIR FORCE BASE, NEW MEXICO

AOC-V	Officer's Club (EPR Site SS-57)	Undergoing Corrective Action	Completed field work for the Risk Assessment. Evaluation of the results was completed by the RAM Group Submitted Draft Risk Assessment Report to NMED for review.	Awaiting comments from NMED on risk assessment.
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.	Field investigation was completed in Late June.	Further investigations and preliminary reporting is planned for Q4
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 2005
AOC-4	West POL Fuel Spill Site	Corrective Action Complete	None. No funding available in 2004. Requested funding for FY05	No work planned in FY04. Awaiting FY05 funding approval
AOC-1001	Building 1001 (ERP Site SS-61)	Undergoing Corrective Action	Work Plan approved by NMED in January 04 Field work (quarterly groundwater sampling and gauging) initiated in February 2004. Interim progress report submitted to USAF Air Combat Command (internal milestone in September 2004). A courtesy copy submitted to NMED for review.	Additional rounds of groundwater monitoring scheduled for Q3 & Q4 of 2004 and Q1 in 2005.