

HAFB 05

20 JUNE 2005

**MEMORANDUM FOR NEW MEXICO ENVIRONMENT DEPARTMENT**

Mr. Cornelius Amindyas  
Hazardous Waste Bureau  
5500 San Antonio Drive NE  
Albuquerque, New Mexico 87109



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

SUBJECT: Hazardous and Solid Waste Amendments (HSWA) Quarterly Report for January –  
March 2005, EPA ID NM6572124422

1. In accordance with Module IV, Section E, of the Holloman AFB HSWA permit, attached please find the January - March, 2005 Quarterly Report.
2. If you have any questions please contact me at (505) 572-3496.

A handwritten signature in black ink that reads "Dush/ra".

Daniel K. Holmquist

Environmental Restoration 49 CES/CEV

Attachment: *HSWA Quarterly Report, January - March, 2005* (1 copy)  
Cc (w/attachment):

Mr. James Bearzie  
Hazardous Waste Bureau  
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Mr. Will Motes  
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HOLLOMAN AIR FORCE BASE  
NEW MEXICO

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



**Activity Period:  
January 1 to March 31, 2005**

## **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 January 1 and March 31, 2005. 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 January 1 and March 31, 2005, remediation activities were conducted at the POL Yard 02/05 (AOC-T) and the BX Service Station (SS-17 or AOC-Q). A revised work plan was submitted and approved by NMED for SS-59 (T-38). The draft RFI Report for SWMU 123 at the POL yard was submitted for review by NMED in February 2005. A revised RFI report for AOC-2 was submitted to NMED in February 2005. Air Combat Command, the headquarters for HAFB awarded Interim Remedial Action (IRA) at sites LF-10, LF-19, LF-21, LF-23, SD-30&33 and SS-39 to a performance based contractor HGL Inc. Also, headquarters awarded SWMU 141 to HGL.

NFA status for seven sites moved closer to completion. The Statement of Basis for NFA at seven sites progressed to the public notification stage. It is anticipated that seven sites should be removed from Table A of the facility permit in 2005. Details regarding several sites are provided in the subsections below.

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

The revised closure report for the site was submitted in February 2005 to NMED. The report was revised as requested in the September 2004 NMED comments. The report

is awaiting review by NMED. It is anticipated that NFA will be granted based upon the revised closure report.

## **2.2 T-38 Test Cell (SS-59)**

During the first quarter of 2005, no petroleum contaminated soil (PCS) soil was excavated at the site. A request for supplemental information (RSI) concerning the work plan for this site was received in Q4 of 2004. The RSI requested further explanation of the remediation activities and characterization of the known extent of PCS at the site. A revised work plan was submitted to NMED in February 2005 and approved by NMED in March 2005. PCS excavation should resume in Q2 of 2005.

## **2.3 Landfarm at FT-31**

During Q1 2005, approximately 5,920 cubic yards of PCS from site SS-17 (BX service station) and 5,920 cubic yards of PCS from site SS-02/05 (POL Yard) were processed and treated. 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. In February, 2005, NMED Groundwater Discharge Bureau representatives toured the landfarm facility as part of the final permitting process. A final permit for the facility is being prepared by the Groundwater Discharge Bureau. The facility will continue to operate under the temporary discharge approval until the final permit has been issued. During this quarter, no PCS was treated in the landfarm.

## **2.5 Ritas Draw (DP-62)**

The site is on the Statement of Basis petition for NFA. No additional activity is anticipated for this site.

## **2.6 AOC-2 Tower Site**

The field investigation at AOC-2 was initiated and completed in Q2 of November 2004. 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 of 2004 requesting NFA for the site. NMED provided comments on the draft in Q4, 2004. A final report incorporating the comments was submitted to NMED for review in February 2005.

## **2.7 SS-61 (AOC-1001) Building 1001**

A courtesy copy of the interim FS Report (prepared to meet an internal Air Force milestone) was submitted to NMED for review in September 2004. In February 2004, NMED provided comments and a request for additional groundwater monitoring requirements for the site. The additional groundwater sampling and comments will require the revision of the existing work plan for site SS-61, the revision and repackaging of the FS report into a CMS focused on the natural attenuation strategy developed for the site. Additionally, a separate investigation to determine the nature and extent of chlorinated volatile organics impacting groundwater in the northern part of this site will be conducted when funding becomes available. The work plans requested by NMED are being developed and should be submitted in Q2 of 2005 (May). However, funding for any field investigations and the CMS will most likely not be available until FY 2006.

## **2.8 SWMU-123 POL Yard**

A draft RFI report will be submitted to NMED for review in Q1, 2005. Additional removal of PCS identified in the RFI will commence in Q3, 2005.

## **2.9 SS-57 Officer's Club**

A risk assessment proposing amended NMED site screening levels (SSLs) for specific constituents at this site was submitted to NMED for review in Q3, 2004. If approved, the risk assessment would eliminate the need to remove difficult to access or inaccessible soil from the site. HAFB is awaiting a response from NMED. There is no change in the status of this project for the past two quarters.

## **2.10 AOC-S Hospital UST**

The Voluntary Corrective Action (VCA) field activities (excavation and confirmation sampling) were completed in December 2004. A VCA closure report documenting these is being prepared. The anticipated delivery is in late Q2 2005.

## **2.11 Statement of Basis for No Further Action for 7 SWMUs**

In February 2004 a Statement of Basis (SOB) for No Further Action (NFA) at 18 sites was submitted to NMED. During an April 2004 meeting at HAFB, NMED indicated that additional characterization consisting of an Interim Remedial Action (IRA) of several landfill sites (SWMUs 101 & 109, 105, 108, 115, & 116) listed in the SOB would be required before NFA status could be achieved. Further, additional characterization and removal of any hazardous constituents would be required at SWMUs 113B (the DP-30 & 33 Grease Disposal Pits), SWMU 118 & 132 (OT-16 the Former Entomology Shop),

SWMU 4 (OWS and leach field), and SWMU 82 (SD-08, Refuse Collection Truck Washrack). NMED issued a request for additional characterization of the Landfills and Grease Disposal Pits. The deadline for submittal of the landfill and grease pit IRA work plan is June 2005. HAFB is programming funding for the characterization of the remaining sites in FY 2006.

The SOB was again submitted to NMED in November 2004 with a total of 10 sites. In February 2004, NMED indicated that only seven sites would be considered for NFA in the SOB. NMED directed HAFB to proceed with public notice for NFA at the seven remaining sites. A revised SOB will be submitted by HAFB when formal comments on the November 2004 version of the SOB are transmitted (anticipated in May 2005).

## **2.12 Interim Remedial Action of Landfills (SWMU**

In February 2005, Headquarters (Air Combat Command) for Holloman AFB assigned the IRA to HGL, Inc. under the new Performance Based Contracting mechanism. HGL will be performing the investigation and reporting directly to Air Combat Command. HGL is developing a work plan and scope for the IRA and closure of SWMUs 101 & 109, 105, 108, 115, 116 (the landfills) and SWMU 113B (the grease disposal pits). To facilitate this transition, HAFB has been granted extensions until June 2005 to submit the work plan for this effort.

## **3.0 ACTIVITIES FOR SCHEDULED FOR THE NEXT QUARTER**

Activities for the next quarter (Second Quarter, April 1 to June 30, 2005) will include:

1. Continued operation of the FT-31 landfarm.
2. Resumption of excavation and treatment of soil from Site SS-17 (the BX Service Station).
3. Completion of excavation and treatment of soil from of Site 02/05
4. Resumption of excavation and treatment of soil from Site SS-59 (T-38).
5. Resumption of excavation and removal of PCS at SS-17 (AOC-Q) the BX service station.
6. Submission of the work plan for the IRA at the landfills and grease disposal site.
7. Final Actions regarding Permit Modification and NFA for 7 to 10 sites.

## 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**

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**Signature/Date**

## TABLES

**TABLE 1**  
**QUARTER 1, 2005 STATUS SUMMARY**  
**(January 1 to March 31, 2005)**  
**ONGOING CORRECTION ACTION SITES**  
**HOLLOMAN AIR FORCE BASE, NEW MEXICO**

<b>SWMU NO.</b>	<b>SITE NAME</b>	<b>SITE STATUS</b>	<b>ACTIVITES CONDUCTED (THIS PERIOD)</b>	<b>SCHEDULED ACTIVITIES</b>
39,127,135, 170 & 171	Fire Training Area (ERP Site FT-31)	Field Activities Complete	Submitted Draft Final Report in February 2005	Awaiting Review and Approval from NMED
123	Building 704 Waste Oil Tank (ERP Site N/A)	Undergoing Corrective Action	Submitted Draft RFI Report in February 2005	Awaiting Review and Approval from NMED. Anticipate removal of additional PCS from the site in Q3 and Q4, 2005
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	Work plan complete and approved by NMED in 2004. Air Combat Command Headquarters awarded the project to PBC contractor HGL, Inc.	Field work will be performed in FY06.

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148 to 154	Holloman Sewage Lagoons	Corrective Action Complete	Placed site on Basis for Determination (Permit Modification) in November 2004. Routine inspection and maintenance to fences conducted in Q2 of 2005. Minor repairs as needed.	Routine inspection and maintenance in FY05
229	T-38 Test Cell (ERP Site SS-59)	Undergoing Corrective Action	No PCS was excavated at the site during this quarter. A revised work plan for remediation at the site was submitted in February and approved by NMED in March 2005.	Continue to excavate and treat PCS at the site in Q2 and Q3 2005.
AOC-2	North Tower Site	Investigation Requested	Draft Final RFI report incorporating NMED comments was submitted in February 2005.	Awaiting Review and Approval from NMED
AOC-Q	BX Service Station (ERP Site SS-17)	Undergoing Corrective Action	Activities resumed in Q1 2005. Anticipate completion of PCS excavation to First Street by Q3, 2005	Continue excavation and land farming of soil in Q2 and Q3 2005.
AOC-T	Main POL Spill (EPR Sites SS-02 and SS-05)	Undergoing Corrective Action	Resumed excavation at the site in Q1, 2005. Received comments from NMED regarding groundwater issues at the site in February 2005.	Anticipate completion of PCS removal in Q2 2005. Programming funding to address Groundwater concerns for FY 2006.
LF-10 LF-19 LF-21 LF-23	Various Landfills	Corrective Action Interim Corrective Action	Headquarters awarded the sites to PBC contractor HGL, Inc. Anticipate delivery of work plans to NMED by June 2005	Anticipate submittal of work plans by June 2005.

**TABLE 1**  
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AOC-V	Officer's Club (EPR Site SS-57)	Undergoing Corrective Action	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	Field investigation was completed in Late June 2004. Report preparation underway. Expected NFA required for this site.	Anticipate delivery of Report to NMED and HAFB by USACE by end of Q3 2005
AOC-3	Ammunition Disposal Site (ERP Site DP-63)	Undergoing Corrective Action  PA/SI Completed 2000	Received funding for corrective action. Developing work plan and health and safety plans for explosives.	Field work will be performed during Q4, 2005
AOC-4	West POL Fuel Spill Site	Corrective Action Complete	None during this quarter	Anticipate resuming removal of PCS at the site in Q3 2005
AOC-1001	Building 1001 (ERP Site SS-61)	Undergoing Corrective Action	Received Request for additional sampling from NMED in February 2005.	Anticipate submittal of additional groundwater sampling work plan and summary of the Natural Attenuation study in Q2, 2005.
AOC-S	Hospital UST (Emergency Generator)	Undergoing Corrective Action	Completed VCA in December 2005	Submittal of VCA report in Q2, 2005