



DEPARTMENT OF THE AIR FORCE

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



31 Dec 2007

MEMORANDUM FOR NEW MEXICO ENVIRONMENT DEPARTMENT

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

Subject: Hazardous and Solid Waste Amendment quarterly Activity Report  
EPA ID NM6572124422

1. Holloman AFB's quarterly activity report is hereby submitted to NMED for review.
2. If you have any questions, please feel free to contact me at (575) 572-3931.

*Deborah J. Hartell*  
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 Chief, Environmental Flight

cc: (w/Atchs)

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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, 2007**

## **I.0 INTRODUCTION**

This quarterly report has been prepared in accordance with the Resource Conservation and Recovery Act (RCRA) Hazardous Waste Facility Operating Permit for Holloman Air Force Base. This permit requires periodic reporting of activities related to corrective actions at Solid Waste Management Units (SWMUs) located at Holloman AFB.

The report summarizes activities and available data concerning corrective actions at actively remediated SWMUs across Holloman AFB from **October 1 to December 31, 2007**. 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**

From October 1 thru December 31, 2007, remediation activities were conducted at Sites SS-17, SS-61, SS-59 (T-38) and AOC-T. All soil was treated in the on-base land farms.

Investigation continued, although no remediation activities were conducted, at sites SS-65, SS-66, SS-67, SS-68, SS-69, RW-70, TU-71, SS-72, and SS-73.

Air Combat Command issued a performance based contract for the following sites: DP-30/SD-33, LF-10, LF-19, LF-21, LF-22, LF-23, OT-16, OT-44, SD-27, SS-39, SS-46, & SS-48. The contractor is currently mobilizing at Holloman AFB.

In addition to **Table 1**, details regarding several sites are provided in the subsections below.

### **2.1 Land Farm at FT-31**

Approximately 6,000 cubic yards of petroleum contaminated soils (PCS) was treated in this land farm during this quarter. Quarterly reports for the land farm were submitted to the NMED Groundwater Quality Bureau as required by the operating permit.

## **2.2 Land Farm at T-38**

Approximately 6,480 cubic yards of PCS was treated in this land farm during this quarter. Quarterly reports for the land farm were submitted to the NMED Groundwater Quality Bureau as required by the operating permit.

## **2.4 T-38 Test Cell Site SS-59 (SWMU 229)**

The land farm was prepared to accept PCS late in this quarter. Excavation and treatment of soil will continue through the quarter.

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

Excavation of PCS continued at suspected source areas.

## **2.6 Site SD-08 (SWMU 82) Wash Rack Leach Field**

This site saw no activity this quarter. The RCRA Facility Investigation (RFI) report was submitted in July 2007 and is awaiting review and comment from NMED. The RFI report requests NFA.

## **2.7 Corrective Action at Landfills LF-19, LF-21, LF-22 and LF-23**

The Supplemental RFI Report for these sites was approved by NMED on May 1, 2007, allowing NFA. These sites will be placed on the next Statement of Basis (SOB) which should be submitted sometime in 2008.

## **2.8 Corrective Action at Landfill LF-29**

US Army Corp of Engineers (USACE) has begun developing the work plan. The site will be managed by USACE for subsurface removal actions.

## **2.9 Corrective Action at Sites DP30/SD-33, SS-39 and SD-27**

The Supplemental RFI Report for these sites was submitted to NMED for review on October 19, 2007.

## **2.10 Continued excavation activities**

Excavation activities continued at SS-17 and AOC-T.

**2.11 Corrective Action at 11 sites  
(OT-14, OT-32, OT-37, OT-38, RW-42, SS-18, SS-65, SS-67, SS-69, TU-71)**

The ACM Report is in progress for the first six sites listed. A RCRA Facility Assessment (RFA) Confirmatory Sampling Report is in preparation for the next four sites.

**2.12 Voluntary Corrective Measures (VCM) at DP-63 (AOC-3) Ammunition Disposal Site**

The VCM report is currently in progress.

**2.13 VCM at DP-64 (AOC-1) Chemical Agent Site**

The RFI to address the Notice of Deficiency : Voluntary Corrective Measure Report for DP-64, issued April 14, 2006, was submitted for NMED review on October 3, 2007.

**2.14 Petition for NFA/Class III Permit Mod/SOB  
(FT-31, OT-35, SS-06, SS-57, SS-68, AOC-2, Hospital UST Site )**

Holloman AFB is preparing a permit modification request for 10 SWMUs identified by the environmental restoration numbers indicated above. The SOB for these sites were submitted in 2007. Preparations for a public meeting are currently underway.

**2.16 Base-Wide Background Study**

Holloman AFB, the USACE and Air Combat Command met with NMED on November 15, 2007, to discuss requirements for a Base-Wide Background Study. The work plan for this study is currently under development.

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

Activities for the next quarter (First Quarter January 1 to March 30, 2008) will include:

1. Submit request and conduct public meeting for Class III permit modification to remove ten sites from Table A.
2. Submit Confirmatory Sampling Report for: **SS-66, SS-72, SS-73.**
3. Submit VCM report for: **SS-02/05, AOC-4.**
4. Submit ACM Report for: **OT-20, SS-12.**



**TABLE 1**  
**QUARTER 4, 2007 STATUS SUMMARY**  
**(October 1 to December 31, 2007)**  
**ONGOING CORRECTION ACTION SITES**  
**HOLLOMAN AIR FORCE BASE, NEW MEXICO**

<b>SWMU NO.</b>	<b>SITE NAME</b>	<b>SITE STATUS</b>	<b>ACTIVITIES CONDUCTED (THIS PERIOD)</b>	<b>SCHEDULED ACTIVITIES</b>
39,127,135, 170 & 171	Fire Training Area (ERP Site FT-31)	Excavation Activities Complete	Submitted SOB for permit modification in Q1 2007	Permit Modification request/conduct public meeting.
123	Building 704 Waste Oil Tank (ERP Site N/A)	Undergoing Corrective Action	None. Waiting funding.	Anticipate resumption of work when funding is received.  This effort will address groundwater assessment remaining at this site and SWMU 122.
183	Air Base Sewer System	Site Requires Additional Characterization	Completed strategic planning for the RFI of the sewer system using the USEPA Triad approach. Compiled database containing all known information regarding industrial outfalls to the system. Developed conceptual model and develop work plan.	Anticipate delivery of model and work plan concept to NMED in Q1 2008.
141	Pad 9 Wash Rack ERP Site	Site Requires Additional Characterization	HGL submitted RFI to NMED for review in late June 2007.	Awaiting comments from NMED on RFI.
82	Wash Rack Leach Field (ERP Site SD-08)	Site Requires Additional Characterization	RFI report including risk assessment was submitted to NMED for review in Q1 2007	Awaiting comments on RFI report from NMED.

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229	T-38 Test Cell (ERP Site SS-59)	Undergoing Corrective Action	Excavated PCS. Treatment of PCS at the adjacent land farm is in progress	Additional excavation work will continue after FY08 funding is received
AOC-2	North Tower Site	Investigation	Submitted SOB in Q1 2007	Permit modification request pending
AOC-Q	BX Service Station (ERP Site SS-17)	Undergoing Corrective Action	Excavation and treatment of PCS at nearby land farm is in progress.	Continued excavation and treatment of PCS is planned
AOC-T	Main POL Spill (EPR Sites SS-02 and SS-05)	Undergoing Corrective Action	Excavating PCS near well S1-MW-1.	Performing additional characterization and excavation
AOC-V	Officer's Club (EPR Site SS-57)	Undergoing Corrective Action	Submitted SOB for permit modification in Q1 2007	Permit Modification request/conduct public meeting.
LF-19 LF-21 LF-22 LF-23	Various Landfills	Corrective Action Interim Corrective Action  Corrective actions at these sites are being investigated by Air Combat Command Performance Based Contractor (PBC), HGL, Inc.	Received NFA in June 2007 for these units	Place sites on next SOB. Anticipated in 2008.

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LF-10 LF-29 DP-30/SD-33	Various Landfills	Corrective Action Interim Corrective Action	Submitted latest phase of RFI in July 2007 to NMED for review.	Awaiting comments from NMED.  Anticipate resumption of activities at these sites in 2008.
AOC-1	Chemical Agent Site (ERP Site DP-64)	Undergoing Corrective Action	Funding awarded and project kick off meeting conducted in late June	RFI work plan submitted to NMED in October 2007.
AOC-3	Ammunition Disposal Site (ERP Site DP-63)	Undergoing Corrective Action	Completed additional field investigations per NMED comments. Submitted RFI Report for review by NMED.	VCM in progress.
AOC-4	West POL Fuel Spill Site	Corrective Action Complete	None this period	VCM report combining with RBE in preparation for submittal in Q1 2008.
AOC-S	Hospital UST (Emergency Generator)	Undergoing Corrective Action	Submitted SOB in Q1 2007	Permit Modification request/conduct public meeting.

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SS-61	Building 1001 (Formerly site AOC-1001)	Undergoing Corrective Action	Received work plan approval from NMED. Initiated excavation in May 2007.	Extent of impact at source areas is larger than anticipated. Additional funding required
SS-06 SS-12 OT-03 OT-20  OT-45 OT-35 OT-37 OT-38 SS-18 OT-32 RW-42	POL Fuel Line Spill West POL Fuel Line Spill Site The POL Tank Sludge Burial Sewer Sludge Disposal Trenches at WP-49 Sewage Lagoons Disposal Trench Old Age Refueling Station Spent Solvent Disposal Area Early Missile Testing Site Test Sled Maintenance Area Chromic Acid Spill Site Collapsed PRA Sewer Lines Radioactive Waste Burial Site	Undergoing Corrective Action  Interim Remedial Action	Executed work plan without benefit of NMED comments in April 2007. Received NMED comments in late April (after initial investigation). Completed additional work per NMED comments in June 2007	Preparing investigation reports. Anticipate delivery to NMED in Q1 2008.
SS-65 SS-66 SS-67 SS-68 SS-69 RW-70 TU-71	Building 807 Test Cell Spill Building 835 Building 903-909 Sandblast Residue Asphalt Tank Spill Area Fighter Wing Flight Line Spill Building 18, Product Storage Tank Leaking Underground Storage Tank.	Undergoing Corrective Action  RFI	Met with NMED onsite to review final details of work plan investigation for each site in late April 2007.  Received work plan comments from NMED in May 2007.  Revised work plans per NMED comments	Anticipate initiation of Field Work in July 2007 and completion by end of September 2007.