

WAF 005

3/20/2005

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 October - December, 2004 Quarterly Report.
2. If you have any questions please contact me at (505) 572-3496.

D. K. Holmquist
Daniel K. Holmquist

Environmental Restoration 49 CES/CEV

Attachment: *HSWA Quarterly Report, October - December, 2004* (1 copy)

Cc (w/attachment):

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

Mr. Will Motes
Hazardous Waste Bureau
2905 Rodeo Park Drive East
Santa Fe, NM 87505-6303

James Harris
USEPA, Region 6 PD-N,
1445 Ross Ave., Ste 12
Dallas, TX 75202-2733

**HOLLOMAN AIR FORCE BASE
NEW MEXICO**

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



**Activity Period:
October 1 to December, 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 October 1 and December 31, 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 October 1 and December 31, 2004, further remediation activities were conducted at the POL Yard 02/05 (AOC-T), SS-59 (T-38) and the hospital UST (AOC-S). Additionally, investigations activities were completed at SWMU 123 and AOC-2 and continued at SS-61. A draft final report was submitted for NFA at site DP-62. NMED provided an a letter of NFA for DP-62 in November 2004. A revised Statement of Basis for NFA at several sites was submitted to NMED in November 2005. It is anticipated that 7 to 10 sites should be removed from Table A of the facility permit in 2005. A 90-day extension regarding the Interim Remedial Action (IRA) at sites LF-10, LF-19, LF-21, LF-23 and SS-39 was requested by HAFB. The extension is necessary while funding is sought from Air Combat Command to implement activities at these sites. 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 prepared during Q4 based upon comments received from NMED in September 2004. It is anticipated that a revised report will be submitted to NMED in Q1, 2005.

2.2 T-38 Test Cell (SS-59)

Approximately 4,000 cubic yards of petroleum contaminated soil (PCS) soil were excavated at the site and treated in the adjacent landfarm. No additional activities are planned until Q2, 2005 when funding will be available to resume operations. NMED (verbal communications) will be submitting a request for supplemental information (RSI) regarding work plan and excavation activities at the site. The Base anticipates receipt of the RSI in January 2005.

2.3 Landfarm at FT-31

Approximately 4,000 cubic yards was placed and treated at the landfarm during Q4. Approximately 3,700 cubic yards of soil were from Site 02/05 while the remainder (approximately 300 yards) was derived from the Hospital UST (AOC-S). 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 (Q4), approximately 4,000 cubic yards was 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 temporary 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 was 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. NMED provided comments on the draft in Q4, 2004. A final report incorporating the comments will be delivered in Q1, 2005.

2.7 SS-61 (AOC-1001) Building 1001

A courtesy copy of the interim FS Report was submitted to NMED for review. Additional groundwater samples will be collected in Q1 2005. Verbal communications from NMED indicate that additional groundwater sampling will be sought to facilitate site closeout. HAFB anticipates receiving the NMED comments regarding additional sampling in Q1, 2005.

2.8 SWMU-123 POL Yard

A draft RFI 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. During Q4 a new round of groundwater sampling and analysis was performed to re-assess the situation. Also, product bail down at the subject well has eliminated the PSH. A draft RFI report will be submitted to NMED for review in Q1, 2005

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. HAFB is awaiting a response from NMED. No change from previous quarter.

2.10 AOC-S Hospital UST

Voluntary Corrective Action field activities (excavation and confirmation sampling) were performed at the former location of the hospital emergency generator UST. The excavation and confirmation sampling was completed in mid-December 2004. Soil from the excavation was treated in the FT-31 Landfarm.

3.0 ACTIVITIES FOR SCHEDULED FOR THE NEXT QUARTER

Activities for the next quarter (First Quarter, January 1 to March 31, 2005) will include:

1. Continued operation of the FT-31 landfarm.
2. Deliver Draft RFI report for SWMU 123 to NMED
3. Continued excavation and treatment of soil from of Site 02/05
4. Submittal of a revised work plan for SS-59 (T-38)
5. Resumption of excavation and removal of PCS at SS-17 (AOC-Q) the BX service station.
6. Planning and award of IRA at Landfills LF-10, LF-19, LF-21, LF-23 & LF-29.
7. Final Actions regarding Permit Modification and NFA for 7 to 10 sites.

TABLES

TABLE 1
QUARTER 4, 2004 STATUS SUMMARY
(OCTOBER 1 to DECEMBER 31, 2004)
ONGOING CORRECTION ACTION SITES
HOLLOMAN AIR FORCE BASE, NEW MEXICO

SWMU NO.	SITE NAME	SITE STATUS	ACTIVITES 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. Revised closure report based upon NMED comments.	Submit Draft Final Report by February 2005
123	Building 704 Waste Oil Tank (ERP Site N/A)	Undergoing Corrective Action	Received results from re-sampling of groundwater at the site. Revising the report to reflect new conditions at the site.	Deliver Draft Report for review by Q1 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	None. Work plan complete and approved by NMED. Funding has been requested for FY05.	Field work will be performed in FY05.

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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	Excavated and treated approximately 4,000 cubic yards of petroleum contaminated soil (PCS) from the site in the landfarm.	Continue to excavate and treat PCS at the site in Q1, 2005.
AOC-2	North Tower Site	Investigation Requested	Draft RFI report submitted this quarter. Received comments from NMED regarding background concentrations of nitrates in groundwater. Revising RFI report to reflect the changes based upon NMED comments	Submit RFI report in Q1 2005
AOC-Q	BX Service Station (ERP Site SS-17)	Undergoing Corrective Action	Activities suspended in September 2005 pending additional funding in FY 05.	Resume excavation and land farming of soil in Q1 2005.
AOC-T	Main POL Spill (EPR Sites SS-02 and SS-05)	Undergoing Corrective Action	Activities suspended in September 2005 pending additional funding in FY 05.	Completion of excavation activities scheduled for Q1 2005 (when funding is available).
LF-10 LF-19 LF-21 LF-23	Various Landfills	Corrective Action Interim Corrective Action	No funding available until 2005. Requested 90-day extension on directive to provide additional characterization beneath the debris placement.	Anticipate funding award in Q1, 2005.

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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 Q1 2005
AOC-3	Ammunition Disposal Site (ERP Site DP-63)	Undergoing Corrective Action PA/SI Completed 2000	Received funding for corrective action. Conducted scoping meetings with UXO subcontractor, USACE and HAFB personnel in November and December 2004.	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	Interim progress report submitted to USAF Air Combat Command (internal milestone in September 2004). A courtesy copy submitted to NMED for review. Received verbal feedback from NMED. Awaiting comment letter from NMED.	Additional round of groundwater monitoring scheduled for Q1 2005.
AOC-S	Hospital UST (Emergency Generator)	Undergoing Corrective Action	Initiated Field work to excavate PCS at this site. Conducted conformation soil sampling of excavation in December 2004.	Awaiting analytical results. Prepare Draft CA report in Q1, 2005.