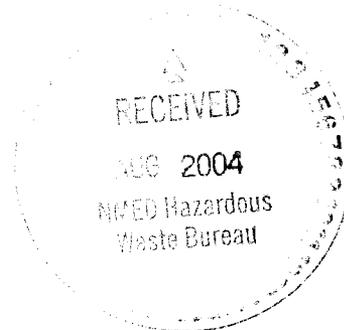


HAFB 04

8/26/04

MEMORANDUM FOR NEW MEXICO ENVIRONMENT DEPARTMENT

Mr. Cornelius Amindyas
Hazardous Waste Bureau
4131 Montgomery NE
Albuquerque, NM 87109



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

SUBJECT: Hazardous and Solid Waste Amendments (HSWA) Quarterly Report for Apr – Jun
200~~4~~₄, EPA ID NM6572124422

1. In accordance with Module IV, Section E, of the Holloman AFB HSWA permit, attached please find the ~~Jan-March~~_{Apr - June}, 2004 Quarterly Report.
2. If you have any questions please contact me at (505) 572-5395.

Daniel K Holmquist
Daniel K. Holmquist

Environmental Restoration 49 CES/CEV

Attachment: *HSWA Quarterly Report, Apr – Jun, 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
Hazardous Waste Bureau
4131 Montgomery NE
Albuquerque, NM 87109

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:
April 1 to June 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 April 1, 2003 and June 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 April 1 and June 30, 2004, further remediation activities were conducted and investigations were either initiated or completed at POL Yard 02/05 (AOC-T), SWMU 123, AOC-2, SS-61 (AOC-1001), SS-57 (Officer's Club), SS-59 (T-38) and DP62 (Ritas Draw). Excavation and treatment of 3500 cubic yards of Site 02/05 was completed by late June. Construction of the T-38 Landfarm (over 8 acres in size) was initiated and completed during this quarter. The Base and the NMED Air Quality Bureau resolved the issue of how landfarm operations would impact the Base's Title V Air Permit. The resolution requires the Landfarm operations to track the discharge of emissions (total VOCs) using the models submitted to NMED. Landfarm emissions will be limited to 70 tons/year (calendar year).

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

The Draft Report was submitted for review by NMED. Comments from NMED are pending. A final report will be issued when these comments are received and resolved.

2.2 T-38 Test Cell (SS-59)

Continued remediation activities at T-38 consisted of gauging fluid levels in test pits and removal of clean overburden. Late in Q1, work began to remove clean soil overburden from above the contaminated zone. The T-38 Landfarm was constructed during Q2.

2.3 Landfarm at FT-31

Approximately 3500 cubic yards was placed and treated at the landfarm during Q2. The soil came from Site 02/05. More lifts will be placed in the Landfarm in Q3 and Q4. Also, during this quarter, the volume per lift at the landfarm was increased from approximately 2400 cubic yards to 3500 cubic yards. Further, the number of treatment testing samples per lift was decreased through a modification to the Operating Permit for the Landfarm. Now, one soil sample is collected for every 360 cubic yards of soil treated in each lift.

2.4 Ritas Draw (DP-62)

A draft report for DP-62 was issued to NMED for review in early Q2. When comments are received and resolved, a final report will be issued in Q3.

2.5 AOC-2 Tower Site

The field investigation at AOC-2 was initiated and completed in Q2. Lab results will be available in early Q3. Preliminary review of the laboratory analytical results and the observations from the field investigation indicate that the presence of hazardous constituents at this site is unlikely. A draft report is anticipated in Q3.

2.6 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. Due to an internal Air Force requirement, an interim FS Report without the complete four quarters of data will be prepared for delivery to Air Combat Command in September 2004.

2.6 SWMU-123 POL Yard

The investigation field work at this site was done completed in Q2. Soil sampling was initiated in late March (Q1). A report is being prepared for submittal during late Q3.

2.7 SS-57 Officer's Club

Soil, groundwater and vapor samples were collected in March 2004 to support a risk-based closure of this site. An internal draft report with recommendations for site specific risk-based clean-up levels for the site (NMED residential petroleum standards) was prepared during Q2. However, additional data (soil samples) regarding hydrocarbon constituents detected along the southwest portion of the site will be

collected in late Q3. The draft report will be discussed and submitted to NMED in Quarter 4.

3.0 ACTIVITES FOR SCHEDULED FOR THE NEXT QUARTER

Activities for the next quarter (Third Quarter, July 1 to August 31, 2004) will include:

1. Delivery of Draft Final Ritas Draw Report (DP-62)
2. Delivery of Draft Final FT-31 Closure Report.
3. Delivery of Draft Report for AOC-2
4. Delivery of Draft Report for SWMU 123
5. Delivery of Draft Report for SS-61
6. Delivery of Draft Report for SS-57
7. Continued operation of the FT-31 landfarm.
8. Continued excavation and treatment of soil from of Site 02/05
9. Continued excavation and treatment of soil from SS-59 (T-38)

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


Signature/Date

TABLES

TABLE 1
QUARTER 2, 2004 STATUS SUMMARY
(APRIL 1 TO AUGUST 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	Draft Report to NMED for Review in March 2004 Awaiting Comments from NMED on draft report	Deliver Final Closure Report by the end of quarter following NMED comments.
123	Building 704 Waste Oil Tank (ERP Site N/A)	Undergoing Corrective Action	NMED approved the work plan in Feb 2004. Field work began in late March with soil sampling. Groundwater samples were collected in late April and the laboratory report was received in late June.	Deliver Draft Report for review by Q3 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.	None until funding is available in FY05.

TABLE 1
QUARTER 2, 2004 STATUS SUMMARY
(APRIL 1 TO AUGUST 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	Collect additional soil analytical data from across the street (SW) of the site. Q3. Draft Risk report to NMED with recommended risk based approach to NMED by Q4 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.	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 If money becomes available, work plan for additional work will be prepared.
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
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.	Field work scheduled for Q3 & Q4 Preliminary report to ACC will be submitted in Sept 04

TABLE 1
QUARTER 2, 2004 STATUS SUMMARY
(APRIL 1 TO AUGUST 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	Continued removal of clean overburden at the site. Completed construction of the Landfarm. Resolved the issues related to landfarm operations and the Base Title V Air Permit.	Excavate at site and treat soil (landfarm) in Q3 and Q4.
AOC-2	North Tower Site	Investigation Requested	Work Plan approved by NMED with modification to analytical regimen in February 2004.	Perform Field work and investigation in Q2.
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 3500 cubic yards of soil in June 2004.	Excavation scheduled for Q2 and Q3 of 2004.