



DEPARTMENT OF THE AIR FORCE

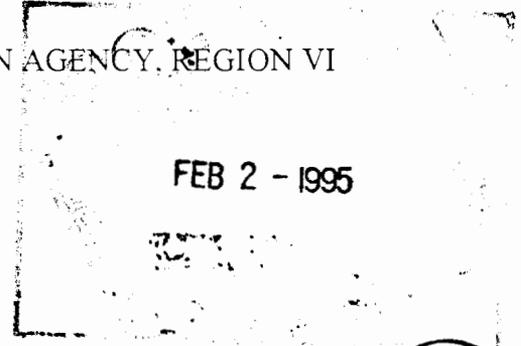
HEADQUARTERS 49TH FIGHTER WING (ACC)
HOLLOMAN AIR FORCE BASE, NEW MEXICO

Steve P.

31 JAN 1995

MEMORANDUM FOR US ENVIRONMENTAL PROTECTION AGENCY, REGION VI

Attn: Lowell Seaton
Hazardous Waste Division
1445 Ross Ave
Dallas, TX 75202-2733



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

SUBJECT: Hazardous and Solid Waste Amendment (HSWA) Quarterly Report (Oct-Dec 94)

1. In accordance with Module IV, Section E of Holloman AFB's HSWA permit, the Oct-Dec 94 quarterly report is attached.
2. If you have any questions, please contact Warren Neff at (505) 475-5395.

Howard E. Moffitt
HOWARD E. MOFFITT
Deputy Base Civil Engineer

Attachment:
HSWA Quarterly Report

cc: w/Atch

Mr David Morgan
New Mexico Environment Department
Groundwater Protection and Remediation Bureau
1190 St. Francis Drive
Santa Fe, NM 87502

Mr Steve Pullen
New Mexico Environment Department
Hazardous and Radioactive Materials Bureau
525 Camino de los Marquez
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HOLLOMAN AIR FORCE BASE, NM

HAZARDOUS AND SOLID WASTE AMENDMENT

QUARTERLY REPORT

OCT-DEC 94

ATCH 1

I. INTRODUCTION

A. Pursuant to the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act (RCRA), as amended by the RCRA Statute (42 U.S.C. 6701, et seq.), as amended by the Hazardous and Solid Waste Amendments of 1984 (HSWA), a permit has been issued to Holloman AFB to operate a hazardous waste disposal facility.

B. This Quarterly Report is consistent with the terms and conditions of the permit found under Module IV, Section E.

II. DESCRIPTION OF WORK COMPLETED.

A. The following is a list of solid waste management units (SWMUs) and Installation Restoration Program (IRP) sites investigated under the IRP program. Also listed are the site descriptions and status as of this quarter.

SUMMARY OF HOLLOMAN AFB IRP/SWMU SITES

IRP/ SWMU #	Site Description	Material Disposed	Dates of Operation	Status
1/106	Main Base Landfill	Construction rubble, waste oils, small quantities of solvents and pesticides	1958- Present	SC/LTM
2/AOC-T	POL Spill Site No. 1	JP-4 and other fuels	1960-1970	RA
3/114	Tank Sludge Burial Site	Sludges, rags, iron fragments	1955-1975	SC
4/102	Acid Trailer Burial Site	Acid transport trailer, bottles, spent rockets	1958	SC
5/AOC-T	POL Spill Site No. 2	JP-4	1978	RA
6/AOC-R	Fuel Line Spill	JP-4	1979	PA
7/110	Rubble Disposal Site	Wood, nails, sheet metal	1965	SC
8/82	Refuse Washrack	Pesticides	1970s	RD

IRP/ SWMU #	Site Description	Material Disposed	Dates of Operation	Status
9/42	POL Drum Storage Area	Waste oils, solvents, hydraulic fluid, fuels	1965-1980	SC
10/109	Old Main Base Landfill	Domestic waste, incinerator ash, solvents	1942-1958	SC/LTM
11/107	Electrical Substation	PCBs	1974-1979	SC
12/AOC-K	Fuel Line Spill	JP-4	1975	SI
13/AOC-J	Arsenite Spill	Sodium Arsenite	1979	SC
14/198	Old Entomology Shop	Pesticides	1968-1977	RD
15/80	Refrigeration Shop	Sulfuric Acid	1971-1981	PA
16/132,118 AOC-A	Entomology Shop	Pesticides	1977-1992	FRI
17/AOC-Q	BX Service Station	Gasoline	1950- Present	RA
18/AOC-H	Chromic Acid Spill Site	Chromic Acid	1982	SC
19/105	Golf Course Landfill	Grass clippings, rodenticides	1968-1978	SC/LTM
20/113	Grit Chamber Burial Site	Wastewater Treatment Plant Grit	1947-1984	SC/LTM
21/115	West Area Landfill #2	Paper bags, boxes, boards	1970-1977	SC/LTM
22/116	West Area Landfill #1	Plastic sheets, boxes, cans	1974-1978	SC/LTM

IRP/ SWMU #	Site Description	Material Disposed	Dates of Operation	Status
23/108	MOBSS Landfill	Diazinon, dibromochloromethane	1976-1979	SC/LTM
24/134	Drainage Ditch	Cleaners, waste solvents	1959-1969	FRI
25/166	Drainage Lagoon	Pesticides, HTH, solvents	1977	SC
26/AOC-D	Missile Fuel Spill Area	Waste fuels	1976	SC
27/100	Pad 9 Washrack	Radioactive Materials	1940s	SI
28/212	North Area Washrack	Oils, detergents, fuels	1950s	SC
29/104	Army Landfill	Munitions and missiles	1950-1975	FRI
30/113	Grease Trap Disposal Pit	Wastes from grease trap	1972-1992	SC/LTM
31/170 171	Fire Department Training Area	JP-4	1965-1991	FRI
32/PRI-A	Sewer line from PRI	Carbon-14, iodine, tritium	1960-1981	SC
33/113	Cooking Grease Disposal Pits	Cooking grease	1972-1992	SC/LTM
34	Spent Munitions Burial Site	Spent Munitions	1947-Present	SC
35/PRI-5	Spent Solvent Disposal Area	Radioactive tracers, solvents	1950s	SC
36/129 178	Unconventional Fuels Storage Area	JP-X, nitric acid, UDMH	1950s-1975	FRI
37/AOC-L	Early Missile Testing Area	Fuels, lead oxide, nitrate compounds	1947-1955	SC

IRP/ SWMU #	Site Description	Material Disposed	Dates of Operation	Status
38/137	Sled Test Maintenance Area	Waste oils, solvents, paint, strippers	1951-1979	SC
39/167,165 179,181	Missile Fuel Spill Area	Oxidizers	Unk-1975	FRI
40/103	Causeway Rubble Disposal Site	Concrete rubble	Unk-1983	SC
41/192	Coco Block House Disposal Well Site	Nitric acid	1960s	SC/LTM
42/111	Radioactive Burial Site	Radioactive material	1950s	SC
43/AOC-G	Atlas Elect Substation	PCBs	Unk-1979	SC
44/AOC-P	Bldg. 301 Aircraft Maintenance Hangar	Solvents, fuel	Unknown	FRI
45/AOC-O	Old Age Refueling	Gasoline, JP-4, diesel fuel	Unk-1980	FRI
46/AOC-S	JP-4 Spill Site	Waste JP-4	1978-1990	SC/LTM
47/21,22, 89,122	POL Washrack	Waste JP-4	1953-Present	IRA
48/AOC-N	Military Gas Station	Gasoline	Unk-Present	SC/LTM
49/148-154	Sewage Lagoons	VOCs, pesticides, PCBs	1943-Present	RI/FS
50	Bldg 1251 Disposal Pit	Can, drums	Unknown	SC
51/PRI-5	PRI Borehole Disposal Site	Unknown	1980s	SC
56	West Ramp Fuel Spill	JP-4	1960-Present	SC

IRP/ SWMU #	Site Description	Material Disposed	Dates of Operation	Status
57/231	Officers Club	Diesel	1956-Present	RI
58/AOC-V	Incinerator/Landfill	Unconventional fuels, film	1950s	PA/SI
58/229	T-38 Test Cell	JP-4	1960's-Present	RD/RA

FFCA Federal Facility Compliance Agreement
 FRI Focused Remedial Investigation
 IRA Interim Remedial Action
 PA/SI Preliminary Assessment/Site Investigation
 RA Remedial Action
 RI/FS Remedial Investigation/Feasibility Study
 SC Site Close-out
 SI Site Investigation

III. SUMMARY OF FINDINGS.

Construction of the T-38 Rapid Response dual-phase vapor extraction system began in November. Installation was completed in late December with the initial startup scheduled for mid-January. The system is estimated to remove between 2000 and 3000 gallons of JP-4 daily.

Field work was completed for the Table 1 Phase 2 RFI and the Table 3 RFI. Due to unforeseen delays in contracting and analytical turn around time, a 90-day extension request will be submitted to EPA Region 6 for the Table 1 Phase 2 RFI report. The Table 3 RFI report is scheduled for submission in late August.

The CMS for SWMUs 229 and 230, the T-38 Test Cell and Bldg 828, respectively was completed in December and submitted to EPA Region 6 on 3 January 1995. Dual-phase vapor extraction is the preferred technology for both sites. Upon approval by EPA Region 6, work will begin of system design for these sites.

A hybrid asphalt cap design for SWMUs 179, the Former Entomology Shop and SWMUs 4 and 82, the Refuse Collection Truck Washrack, was discussed with Mr Lowell Seaton of EPA Region 6 on 8 November 1994. This new design incorporates many of the features of a standard RCRA cap. Mr Seaton stated that he would discuss the new design with his supervisor but that it looked acceptable.

IV. PROJECTED WORK FOR THE NEXT REPORTING QUARTER - (JAN-MAR 94)

<u>TASK</u>	<u>ANTICIPATED COMPLETION DATE</u>
A. T-38 Test Cell Rapid Response Field Work	15 Jan 1995
B. Long Term Operation of T-38 Remediation System	15 Jan 1995
C. T-38/Bldg 828 Remedial Designs	31 Mar 1995
D. Long Term Monitoring (Table 1 SWMUs)	1 Mar 1995
E. Former Entomology Shop (SWMU 179) & Refuse Collection Truck Washrack (SWMUs 4, 82) Designs	31 Mar 1995
F. Remediation Workplan for Tables 2 & 3 Petroleum Contaminated Sites	15 Mar 1995