



**BILL RICHARDSON**  
GOVERNOR

*State of New Mexico*  
**ENVIRONMENT DEPARTMENT**

*Water and Waste Management Division*

*Harold Runnels Building*

*1190 St. Francis Drive, P.O. Box 26110*

*Santa Fe, New Mexico 87502-6110*

*Telephone (505) 827-1758*

*Fax (505) 827-0310*

*www.nmenv.state.nm.us*



**RON CURRY**  
SECRETARY

**DERRITH WATCHMAN-MOORE**  
DEPUTY SECRETARY

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

November 29, 2005

Ms. Debbie Hartell  
Chief, Environmental Flight  
49 CES/CEV  
550 Tabosa Avenue  
Holloman AFB, NM 88330-8458

**RE: FINAL PERMIT DECISION: CLASS III PERMIT MODIFICATION FOR NO FURTHER ACTION STATUS FOR 7 SOLID WASTE MANAGEMENT UNITS/AREAS OF CONCERN HOLLOWAN AIR FORCE BASE EPA ID# NM65721224422 HWB-HAFB-04-021**

Dear Ms. Hartell:

This letter notifies you of a final permit decision by the New Mexico Environment Department (NMED) to modify Module IV of the Resource Conservation and Recovery Act (RCRA) Permit NM65721224422 issued to the U.S. Department of Defense/Holloman Air Force Base (DoD/HAFB). DoD/HAFB requested this modification on November 30, 2004. The modification consists of the approval of No Further Action (NFA) status for seven (7) Solid Waste Management Units (SWMUs) located at HAFB near Alomogordo, New Mexico. The modification is effective thirty (30) days after the date of this letter.

Enclosed is the modification in the form of changes to Tables A and B, Module IV, Appendix IV-A. Table A lists SWMUs and Areas of Concern (AOCs) subject to Corrective Action, which no longer contains the subject 7 sites approved for NFA status herein. Table B lists SWMUs and AOCs not requiring corrective action. Also enclosed is a list (Table 1) of the 7 sites approved for NFA status by this action.

Ms. Hartell  
November 29, 2005  
Page 2

In accordance with 20.4.1 NMAC, NMED provided public notice and conducted a 45-day public comment period from September 30 through November 15, 2005, regarding this modification request. No comments were received from the public during the comment period.

If you have any questions regarding this decision, please contact Mr. Cornelius Amindyas of my staff at (505) 284-5086.

Sincerely,



Cindy Padilla  
Director  
Permits Management Program

CP:ca (HWB)

Enclosures

cc: J. Bearzi, NMED HWB  
W. Moats, NMED HWB  
C. Amindyas, NMED HWB  
L. King, EPA, 6PD-N  
File: Reading and HAFB 05

Table 1. List of SWMUs approved for NFA.

<b>SERIAL NO.</b>	<b>SWMU</b>	<b>ERP SITE ID</b>	<b>UNIT NAME</b>
<b>10</b>	<b>106</b>	<b>LF-01</b>	<b>Main Base Landfill</b>
<b>26</b>	<b>136</b>	<b>N/A</b>	<b>Building 1119 Washrack Drainage Area</b>
<b>28</b>	<b>139</b>	<b>N/A</b>	<b>Lake Holloman</b>
<b>29</b>	<b>140</b>	<b>N/A</b>	<b>Lake Stinky</b>
<b>32</b>	<b>166</b>	<b>SD-25</b>	<b>MOBSS Drainage Lagoon</b>
<b>45</b>	<b>AOC-FST837</b>	<b>N/A</b>	<b>Building 837 Fuel Septic Tank</b>
<b>62</b>	<b>AOC-RD</b>	<b>DP-62</b>	<b>Rita's Draw Disposal Pit</b>

**APPENDIX 4-A: TABLE A**  
**SUMMARY OF SOLID WASTE MANAGEMENT UNITS**

The following list contains the SWMUs and AOCs at HAFB that require Corrective Action:

SERIAL NO.	SWMU	ERP SITE ID	UNIT NAME
1	4	SD-08	Building 131 Oil/Water Separator
2	8	N/A	Building 231 Oil/Water Separator
3	19	N/A	Building 638 Oil/Water Separator
4	20	N/A	Building 639 Oil/Water Separator
5	39	N/A	Building 1092 Oil/Water Separator
6	82	SD-08	Building 131 Washrack
7	101	LF-10	Building 121 Landfill
8	104	LF-29	Former Army Landfill
9	105	LF-19	Golf Course Landfill
10	108	LF-23	MOBSS Landfill Disposal Trench
11	109	LF-10	Old Main Base Landfill
12	111	RW-42	Radioactive Waste Disposal Area
13	113A	OT-20	Sludge Disposal Trenches near Lagoons
14	113B	DP-30/SD-33	Sludge Disposal Trenches Fire Train Area
15	114	OT-03	TEL Disposal Site
16	115	LF-22	Waste Area Landfill #1 PCB Disposal Area
17	116	LF-21	West Area Landfill #2
18	118	OT-16	Building 21 Pesticides Holding Tank
19	122	N/A	Building 702 Waste Oil Tank
20	123	N/A	Building 704 Waste Oil Tank
21	127	FT-31	Building 1092 Waste Oil Tank
22	130	SS-46	Taxiway 4 Tank 28 JP-4 Underground Waste Tank
23	132	OT-16	Building 21 Entomology Leachfield
24	135	FT-31	Building 1092 Oil/Water Sep Drainage Pit
25	137	SS-38	Building 1166 Test Track Drain Field
26	141	SD-27	Pad 9 Drainage Pit
27	165	SS-39	Building 1176 Pond
28	170	FT-31	Fire Department Training Area 1
29	177	SS-39	Building 1176 Sumps
30	179	SS-39	Discharge Box
31	181	SS-39	Building 1176 Drainage Trough
32	183	N/A	Air Base Sewer System
33	197	OT-14	Former Entomology Shop

SERIAL NO.	SWMU/AOC	ERP SITE ID	UNIT NAME
34	229	SS-59	T-38 Test Cell Fuel Spill Site
35	AOC-1	DP-64	Chemical Agent Site
36	AOC-2	N/A	Sewage Drainage Pit NE of Building 864
37	AOC-3	DP-63	Ammunition Yard Disposal Pit
38	AOC-4	N/A	West POL Fuel Spill Site
39	AOC-1001	SS-61	Building 1001 Fuel Spill Site
40	AOC-A	OT-16	Building 21 Pesticide Rinsewater Spill Area
41	AOC-B	N/A	Building 807 Test Cell Surface Spill Area
42	AOC-C	N/A	Building 835 Spills
43	AOC-E	N/A	Buildings 903-909 Sand Plast Residues
44	AOC-F	N/A	Asphalt Tank Spill Area
45	AOC-H	SS-18	Chromic Acid Spill Area
46	AOC-I	OT-37	Fighter Wing Flight Line Spill
47	AOC-J	SS-13	Herbicide Sodium Arsenite Spill Area
48	AOC-K	SS-12	Northeast Fuel Line Spill Site # 1
49	AOC-L	N/A	Early Missile Test Site
50	AOC-M	N/A	Building 18
51	AOC-N	SS-48	Building 137 Military Gas Tank Leak
52	AOC-O	OT-45	Building 296 Old AGE Refueling Station
53	AOC-P	OT-44	Building 301 Fuel Tank Leak
54	AOC-Q	SS-17	BX Gas Station Fuel Line Leaks
55	AOC-R	SS-06	JP-4 Fuel Line Spill Site
56	AOC-S	N/A	Leaking Underground Storage Tank
57	AOC-T	SS-05	POL Storage Tank Spill Sites 1 & 2
58	AOC-U	N/A	Lost River Basin
59	AOC-V	SS-57	Officer's Club
60	PRI-2	OT-35	PRI Bldg 1264 Solvent Burn Area
61	PRI-5	OT-35	PRI Bldg 1264 Solvent Burn Area
62	PRI-A	OT-32	Primate Research Lab Sewer Line

TOTAL OF CORRECTIVE ACTION SITES = 62 [i.e., 34 SWMUs + 28 AOCs].

**APPENDIX IV-A: TABLE B  
SUMMARY OF SOLID WASTE MANAGEMENT UNITS**

The following is a list of Solid Waste Management Units (SWMUs) and Areas of Concern (AOCs) Not Currently Requiring Corrective Action.

<b>SWMU/AOC</b>	<b>DESCRIPTION</b>	<b>COMMENT</b>
1	Building 55 Oil/Water Separator	Site NFAd in February 2001
2	Building 121 Oil/Water Separator	Site NFAd in February 2001
3	Building 130 Oil/Water Separator	Site NFAd in February 2001
5	Building 137 Oil/Water Separator	Site NFAd in February 2001
6	Building 193 Oil/Water Separator	Site NFAd in February 2001
7	Building 198 Oil/Water Separator	Site NFAd in February 2001
9	Building 282 Oil/Water Separator	Site NFAd in February 2001
10	Building 283 Oil/Water Separator	Site NFAd in February 2001
11	Building 300 Oil/Water Separator	Site NFAd in February 2001
12	Building 304 Oil/Water Separator	Site NFAd in February 2001
13	Building 304A Oil/Water Separator	Site NFAd in February 2001
14	Building 306 Oil/Water Separator	Site NFAd in February 2001
15	Building 309 Oil/Water Separator	Site NFAd in February 2001
16	Building 315 Oil/Water Separator	Site NFAd in February 2001
17	Building 316 Oil/Water Separator	Site NFAd in February 2001
18	Building 500 Oil/Water Separator	Site NFAd in February 2001
21	Building 702 Oil/Water Separator	Site NFAd in February 2001
22	Building 704 Oil/Water Separator	Site NFAd in February 2001
23	Building 800 Oil/Water Separator	Site NFAd in February 2001
24	Building 801 Oil/Water Separator	Site NFAd in February 2001
25	Building 805 Oil/Water Separator	Site NFAd in February 2001
26	Building 809 Oil/Water Separator	Site NFAd in February 2001
27	Building 810 Oil/Water Separator	Site NFAd in February 2001
28	Building 822 Oil/Water Separator	Site NFAd in February 2001
29	Building 827 Oil/Water Separator	Site NFAd in February 2001
30	Building 830 Oil/Water Separator	Site NFAd in February 2001
31	Building 855 Oil/Water Separator	Site NFAd in February 2001
32	Building 868 Oil/Water Separator	Site NFAd in February 2001
33	Building 869 Oil/Water Separator	Site NFAd in February 2001
34	Building 902 Oil/Water Separator	Site NFAd in February 2001
35	Building 903 Oil/Water Separator	Site NFAd in February 2001
36	Building 1000 Oil/Water Separator	Site NFAd in February 2001
37	Building 1080 Oil/Water Separator	Site NFAd in February 2001
38	Building 1080A Oil/Water Separator	Site NFAd in February 2001
40	Building 1166 Oil/Water Separator	Site NFAd in February 2001
41	Building 1266 Oil/Water Separator	Site NFAd in February 2001
42	Building 1 Waste Accumulation Area	Site NFAd in February 2001
43	Building 55 Waste Accumulation Area	EPA listed the site in 1988 as

		a SWMU, but no corrective action was not required.
44	Building 121 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU, but no corrective action was not required.
45	Building 195 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
46	Building 198 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
47	Building 280 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
48	Building 282 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
49	Building 300 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
50	Building 301 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
51	Building 308 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
52	Building 500 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
53	Building 638 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
54	Building 702 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
55	Building 702A Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
56	Building 807 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
57	Building 809 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
58	Building 822 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
59	Building 837 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
60	Building 844 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.

61	Building 851 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
62	Building 855 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
63	Building 867 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
64	Building 869 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
65	Building 901 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
66	Building 901 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
67	Building 909 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
68	Building 910 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
69	Building 807 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
70	Building 1119 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
71	Building 1778A Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
72	Building 1178A Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
73	Building 1266 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
74	Building 7005 Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
76	DRMO Non-Hazardous Waste Drain	EPA listed the site in 1988 as a SWMU with no further corrective action required.
77	RATSCAT Waste Accumulation Area	EPA listed the site in 1988 as a SWMU with no further corrective action required.
78	Trim Pad 3 WAA	EPA listed the site in 1988 as a SWMU with no further corrective action required.
79	Building 21 Wash rack	EPA listed the site in 1988 as a SWMU with no further

		corrective action required.
80	Building 55 Wash rack	EPA listed the site in 1988 as a SWMU with no further corrective action required.
81	Building 121 Wash rack	EPA listed the site in 1988 as a SWMU with no further corrective action required.
83	Building 134 Wash rack	EPA listed the site in 1988 as a SWMU with no further corrective action required.
84	Building 137 Wash rack	EPA listed the site in 1988 as a SWMU with no further corrective action required
85	Building 283 Wash rack	EPA listed the site in 1988 as a SWMU with no further corrective action required
86	Building 304A Wash rack	EPA listed the site in 1988 as a SWMU with no further corrective action required
87	Building 306 Wash rack	EPA listed the site in 1988 as a SWMU with no further corrective action required
88	Building 309 Wash rack	EPA listed the site in 1988 as a SWMU with no further corrective action required
89	Building 703 Wash rack	EPA listed the site in 1988 as a SWMU with no further corrective action required
90	Building 801 Wash rack	EPA listed the site in 1988 as a SWMU with no further corrective action required
91	Building 816 Wash rack	EPA listed the site in 1988 as a SWMU with no further corrective action required
92	Building 822 Wash rack	EPA listed the site in 1988 as a SWMU with no further corrective action required
93	Building 827 Wash rack	EPA listed the site in 1988 as a SWMU with no further corrective action required
94	Building 830 Wash rack	EPA listed the site in 1988 as a SWMU with no further corrective action required
95	Building 902 Wash rack	EPA listed the site in 1988 as a SWMU with no further corrective action required
96	Building 1080 Wash rack	EPA listed the site in 1988 as a SWMU with no further corrective action required
97	Building 1119 Wash rack	EPA listed the site in 1988 as a SWMU with no further corrective action required

98	Building 1166 Wash rack	EPA listed the site in 1988 as a SWMU with no further corrective action required
99	Building 1266 Wash rack	EPA listed the site in 1988 as a SWMU with no further corrective action required
100	Pad 9 Wash rack	EPA listed the site in 1988 as a SWMU with no further corrective action required
102	Acid Trailer Burial Site	EPA listed the site in 1988 as a SWMU with no further corrective action required
103	Causeway Rubble Disposal Area	EPA listed the site in 1988 as a SWMU with no further corrective action required
106	LF-01	Main Base Landfill
107	Main Base Substation PCB Disposal Area	EPA listed the site in 1988 as a SWMU with no further corrective action required
110	POL Rubble Disposal Area	EPA listed the site in 1988 as a SWMU with no further corrective action required
112	RATSCAT Disposal Area	EPA listed the site in 1988 as a SWMU with no further corrective action required
117	Wire Spool Disposal Area	EPA listed the site in 1988 as a SWMU with no further corrective action required
119	Building 121 Waste Oil Tank	NFAd in February 2001
120	Building 309 Waste Oil Tank	NFAd in February 2001
121	Building 316 Waste Oil Tank	NFAd in February 2001
124	Building 752 Waste Oil Tank	NFAd in February 2001
125	Building 868 Fire Water Tank	NFAd in February 2001
126	Building 1000 Waste Oil Tank	NFAd in February 2001
128	Building 1166 Waste Oil Tank	NFAd in February 2001
129	Buildings 1191 and 1192 Spill Tanks	NFAd in February 2001
131	Waste Oil Bowsers	NFAd in February 2001
133	Building 703 Wash rack Discharge Pit	NFAd in February 2001
134	Buildings 902-924 Drainage Ditch	NFAd in February 2001
136	Building 1119 Washrack Drainage Area	Proposed 2005
138	Building 1166 Oil/Water Sep Drainage Pit	NFAd in February 2001
139	N/A	Lake Holloman
140	N/A	Lake Stinky
142	Wastewater Influent Chamber	NFAd in February 2001
143	Bar Screen	NFAd in February 2001
144	Comminutor	NFAd in February 2001
145	Grit Chamber	NFAd in February 2001
146	Parshall Flume and Wet Well	NFAd in February 2001

147	Splitter Box	NFAd in February 2001
148	Sewage Lagoon A	Closed June 30, 2000
149	Sewage Lagoon B	Closed June 30, 2000
150	Sewage Lagoon C	Closed June 30, 2000
151	Sewage Lagoon D	Closed June 30, 2000
152	Sewage Lagoon E	Closed June 30, 2000
153	Sewage Lagoon F	Closed June 30, 2000
154	Sewage Lagoon G	Closed June 30, 2000
155	Sludge Drying Beds	NFAd in February 2001
156	Imhoff Tanks (5)	NFAd in February 2001
157	ABLE 51 PCB Storage Area	NFAd in February 2001
158	PCB Storage Bunker	NFAd in February 2001
159	Building 500 Pb Storage Shelves	NFAd in February 2001
160	Building 500 NiCd Battery Storage Area	NFAd in February 2001
161	Building 844 Battery Storage Area	NFAd in February 2001
162	DRMO Scrap Metal Storage Area	EPA called this site a SWMU in 1988, but did not require correctiveaction <sup>1</sup> .
163	DRMO Wood Pile	EPA called this site a SWMU in 1988, but did not require correctiveaction <sup>1</sup> .
164	Building 1080 Pond	NFAd in February 2001.
165	Building 1176 Pond	NFAd in February 2001.
166	SD-25	MOBSS Drainage Lagoon
167	Test Shed Launch Area Collection Basin	EPA identified it in 1988 as a SWMU without requiring further corrective action
169	Burn Kettle	EPA identified it in 1988 as a SWMU without requiring further corrective action
171	Fire Department Training Area 2	NFAd in February 2001
173	Building 198 Sand Trap	EPA listed this as a SWMU in the 1988 RFA Report
174	Building 231 Hobby Shop Silver Recovery Unit	EPA listed this as a SWMU in the 1988 RFA Report
176	Building 844 Sand Trap	EPA listed this as a SWMU in the 1988 RFA Report
178	Building 1191 Fuel Runoff Pits	NFAd in February 2001
180	Building 301 Outdoor Drainage Flume	NFAd in February 2001
182	Building Floor Drains	NFAd in February 2001
184	Wastewater Re-circulation Line	NFAd in February 2001
185	Building 332 Silver Recovery Unit	EPA identified this site as a SWMU in 1988.
186	Hospital Silver Recovery Unit	EPA identified this site as a SWMU in 1988.

<b>187</b>	West Area Silver Recovery Unit	EPA identified this site as a SWMU in 1988.
<b>188</b>	Building 161 Acid Neutralization Unit	EPA identified this site as a SWMU in 1988.
<b>189</b>	Building 282 Recycling Area	EPA identified this site as a SWMU in 1988.
<b>190</b>	Building 500 Battery Neutralization Unit	EPA identified this site as a SWMU in 1988.
<b>191</b>	Building 855 Concrete Pad	EPA identified this site as a SWMU in 1988.
<b>192</b>	Coco Block House Disposal Well	EPA identified this site as a SWMU in 1988.
<b>193</b>	Trash Dumpster	EPA identified this site as a SWMU in 1988.
<b>194-228</b>	SWMUs which no longer exist or could not be located	EPA identified this site as a SWMU in 1988.
<b>212</b>	Former north Area Wash Rack	NFAd in February 2001
<b>230</b>	Building 828 Fuel Spill Site	NFAd in February 2001
<b>231</b>	Incinerator/Landfill	NFAd in February 2001
<b>194-228</b>	SWMUs which no Longer Exist or Could not be Located	EPA identified the site in the 1988, but did not require corrective action <sup>1</sup> .
<b>PRI-1</b>	Primate Research Institute ( <b>PRI</b> ) Building 1264: Waste accumulation Area	EPA identified the site in the 1988
<b>PRI-3</b>	PRI Building 1264:Biological Incinerator	EPA identified the site in the 1988
<b>PRI-4</b>	PRI Building 1264: Quarantine Area Incinerator	EPA identified the site in the 1988
<b>AOC-BBMS</b>	Bare Base Mobility Squadron Spill Area	EPA identified the site in the 1988
<b>AOC-D</b>	SD-26 Building 882 Spills	EPA identified the site in the 1988
<b>AOC-FST837</b>	Building 837 Fuel Septic Tank	Proposed for NFA in 2005
<b>AOC-G</b>	Atlas Substation PCB Spill	EPA identified the site in the 1988
<b>AOC-PRI-A</b>	Sewer Line from Primate Research Laboratory	EPA identified the site in the 1988
<b>AOC-RD</b>	<b>DP-62</b>	Rita's Draw Disposal Pit
<b>PRI-S</b>	Primate Research Lab Borehole Disposal Site.	EPA identified the site in the 1988
<b>AOC-RR</b>	Buried RR Cars.	EPA identified the site in the 1988

### HOLLOMAN AIR FORCE BASE OPERATING AND CLOSED UNITS

<b>OPERATING/CLOSED UNIT</b>	<b>DESCRIPTION</b>	<b>COMMENT</b>
<b>20,000-Pound Open Detonation (OD) Treatment Unit/SWMU # 168.</b>	The OD Unit was permitted in 1997.	Permitted in 1997 and is operating.
<b>Container Storage Unit<sup>2</sup></b>	Permit Expired July 4, 2001	Permit was Renewed and Re-issued on February 24 <sup>th</sup> , 2004
<b>300-Pound Open Burn (OB) Unit. This site was listed in the 1988 RFA Report as SWMU 172.</b>	The OB Unit was under Interim from 1965 to 1979 status HAFB conducted risk-based closure as per approved Work Plan of 1997.	NMED approved Closure of this site on February 3, 1997.

1. Unit underwent Corrective Action, was approved for NFA, and is limited by Institutional Controls
2. Unit is a Hazardous Waste Management Unit.