



GARY E. JOHNSON  
GOVERNOR

State of New Mexico *HAFB*  
**ENVIRONMENT DEPARTMENT**  
 Hazardous & Radioactive Materials Bureau  
 2044 Galisteo Street  
 P.O. Box 26110  
 Santa Fe, New Mexico 87502  
 (505) 827-1557  
 Fax (505) 827-1544

*HSWA File*  
*(T<sub>1</sub>, T<sub>2</sub>)*  
*& T<sub>3</sub>*



PETER MAGGIORE  
SECRETARY  
 PAUL R. RITZMA  
DEPUTY SECRETARY

December 23, 1999

Howard Moffitt  
 Deputy Base Civil Engineer  
 49 CES/CEV  
 550 Tabosa Ave.  
 Holloman AFB, NM 88330-8458

**RE: Permit Modification to Reflect 1998 Annual Unit Audit  
 EPA I.D. # NM6572124422**

Dear Mr. Moffitt:

This letter serves as notice that Holloman Air Force Base's Hazardous Waste Management Permit has been administratively modified to reflect the results of an Annual Unit Audit (AUA) performed earlier this year. The modification is an updated list of corrective action units for inclusion in the HSWA or corrective action portion of the permit. All other permit conditions remain the same. An attached Fact Sheet provides the rationale for the modification. The Fact Sheet has been mailed to all interested parties in a public notice.

There are no requirements associated with this modification other than replacing the corrective action unit lists currently in the permit. If NMED determines that specific corrective actions must occur at any of these sites, notification will be provided under separate cover.

The new tabulation of corrective action units (Tables A1 and A2 attached) includes a list of units identified during the AUA, and a second list of units not requiring corrective action. Table A1 was compiled in cooperation with WSMR. Table A2 may include SWMUs that underwent corrective action and are considered appropriate for no-further-action, but are limited by institutional controls.

If you have any questions regarding this permit modification, please contact Mr. Cornelius Amindyas at (505) 827-1561 ext. 1030.

Sincerely,



Gregory J. Lewis  
Director  
Water and Waste Management Division

Enclosures

cc: James P. Bearzi, Chief, HRMB  
Cornelius Amindyas, Project Manager, HRMB  
John Poland, HAFB  
Debbie Hartell, HAFB  
Jose Gallegos, HAFB  
David Neleigh, EPA

red file, HSWA file

**FACT SHEET**  
December 31, 1999

**AGENCY INITIATED MODIFICATION TO  
NEW MEXICO RESOURCE CONSERVATION  
AND RECOVERY ACT PERMITS**

**Action:**

NMED is issuing an Agency-initiated Class 1 Permit Modification to all affected Resource Conservation and Recovery Act (RCRA) facilities within the State of New Mexico. This modification is a reflection of the most recent Annual Unit Audit (AUA) which is conducted yearly to determine if a facility's permit accurately and appropriately lists its operating, post closure care and corrective action units. Changes to the Hazardous and Solid Waste Amendments (HSWA) corrective action unit tables in the facilities permits are being updated to reflect the changes indicated in the 1998 AUA. No solid waste management units are being removed from permits by this modification.

**Affected Facilities:**

Cannon Air Force Base

Melrose Range

Fort Bliss

Giant Refining Company - Ciniza

Holloman Air Force Base

Kirtland Air Force Base

Los Alamos National Laboratory

NASA White Sands

Navajo Refining Company

Sandia National Laboratories

White Sands Missile Range

**Reason for Action:**

The modification will update the Hazardous and Solid Waste Amendments (HSWA) corrective action unit tables in the facilities permits to reflect the changes indicated in the 1998 AUA.

**Availability Of Additional Information:**

The administrative record for this proposed action consists of this fact sheet provided to all persons on the RCRA mailing list, a legal notice, and the revised HSWA corrective action unit tables for each affected facility. The administrative record may be reviewed at the address below. To obtain a copy of the administrative record or any part thereof, please contact Mr. John Kieling at the New Mexico Environment Department:

New Mexico Environment Department  
Hazardous and Radioactive Materials Bureau  
2044-A Galisteo Street  
P.O. Box 26110  
Santa Fe, New Mexico 87502  
(505) 827-1558  
Attn: Mr. John E. Kieling

**Final Decision:**

An Agency initiated Class 1 Permit Modification becomes effective on the date it is issued. This modification becomes effective on January 1, 2000.

## HSWA CORRECTIVE ACTION TABLES

### TABLE A.2

December 28, 1999

#### List of Solid waste Management Units (SWMUs) and Areas of Concern (AOCs) Not currently requiring Corrective Action

SWMU/AOC	DESCRIPTION	COMMENT
43	Building 55 Waste Accumulation Area	EPA identified the site in <u>1988</u> as a SWMU, but was never required to undergo further corrective action at that time <sup>1</sup> .
44	Building 121 Waste Accumulation Area	—”—
45	Building 195 Waste Accumulation Area	—”—
46	Building 198 Waste Accumulation Area	—”—
47	Building 280 Waste Accumulation Area	—”—
48	Building 282 Waste Accumulation Area	—”—
49	Building 300 Waste Accumulation Area	—”—
50	Building 301 Waste Accumulation Area	—”—
51	Building 308 Waste Accumulation Area	—”—
52	Building 500 Waste Accumulation Area	—”—
53	Building 638 Waste Accumulation Area	—”—
57	Building 809 Waste Accumulation Area	—”—
58	Building 822 Waste Accumulation Area	—”—
59	Building 837 Waste Accumulation Area	—”—
60	Building 844 Waste Accumulation Area	—”—
61	Building 851 Waste Accumulation Area	—”—
62	Building 855 Waste Accumulation Area	—”—
64	Building 869 Waste Accumulation Area	—”—
65	Building 901 Waste Accumulation Area	—”—
66	Building 901 Waste Accumulation Area	—”—
67	Building 909 Waste Accumulation Area	—”—

SWMU/AOC	DESCRIPTION	COMMENT
68	Building 910 Waste Accumulation Area	EPA identified the site in the 1988 RFA Report as a SWMU, but was never required to undergo further corrective action at that time. <sup>1</sup>
69	Building 1080 Waste Accumulation Area	--"
70	Building 1119 Waste Accumulation Area	--"
72	Building 1178A Waste Accumulation Area	--"
73	Building 1266 Waste Accumulation Area	--"
74	Building 7005 Waste Accumulation Area	--"
75	DRMO Hazardous Storage Area	This is the current <del>Permitted Container Storage Unit</del> whose Permit is undergoing renewal. <sup>2</sup>
76	DRMO Non-Hazardous Waste Drain	EPA identified the site in the 1988 RFA Report as a SWMU, but was never required to undergo further corrective action at that time. <sup>1</sup>
77	RATSCAT Waste Accumulation Area	--"
79	Building 21 Washrack	--"
80	Building 55 Washrack	--"
81	Building 121 Washrack	--"
83	Building 134 Washrack	--"
84	Building 137 Washrack	--"
85	Building 283 Washrack	--"
86	Building 304A Washrack	--"
87	Building 306 Washrack	--"
88	Building 309 Washrack	--"
89	Building 703 Washrack	--"
90	Building 801 Washrack	--"

<b>SWMU/AOC</b>	<b>DESCRIPTION</b>	<b>COMMENT</b>
92	Building 822 Washrack	EPA identified the site in the 1988 RFA Report as a SWMU, but was never required to undergo further corrective action at that time <sup>1</sup> .
93	Building 827 Washrack	—”—
94	Building 830 Washrack	—”—
95	Building 902 Washrack	—”—
96	Building 1080 Washrack	—”—
95	Building 902 Washrack	—”—
97	Building 1119 Washrack	—”—
98	Building 1166 Washrack	—”—
99	Building 1266 Washrack	—”—
100	Pad 9 Washrack	—”—
103	Causeway Rubble Disposal Area	—”—
110	POL Rubble Disposal Area	—”—
112	RATSCAT Disposal Area	—”—
117	Wire Spool Disposal Area	—”—
131	Waste Oil Bowsers	—”—
142	Wastewater Influent Chamber	—”—
143	Bar Screen	—”—
144	Comminutor	—”—
145	Grit Chamber	—”—
146	Parshall Flume and Wet Well	—”—
147	Splitter Box	—”—
157	ABLE 51 PCB Storage Area	—”—
158	PCB Storage Bunker	—”—
159	Building 500 Lead Battery Storage Shelves	—”—
160	Building 500 Nicad Battery Storage Area	—”—
161	Building 844 Battery Storage Area	—”—

<b>SWMU/AOC</b>	<b>DESCRIPTION</b>	<b>COMMENT</b>
162	DRMO Scrap Metal Storage Area	EPA identified the site in the 1988 RFA Report as a SWMU, but was never required to undergo further corrective action at that time <sup>1</sup> .
163	DRMO Wood Pile	—”—
167	Test Shed Launch Area Collection Basin	—”—
168	20,000 Pound Open Detonation Unit	This is the current operating <b>Open Detonation Treatment Unit</b> that was permitted in 1997. <sup>2</sup>
169	Burn Kettle	EPA identified the site in the 1988 RFA Report as a SWMU, but was never required to undergo further corrective action at that time <sup>1</sup> .
173	Building 198 Sand Trap	—”—
174	Building 231 Hobby Shop Silver Recovery Unit	—”—
175	Building 300 Cleaning Tank Sump	—”—
176	Building 844 Sand Trap	—”—
169	Burn Kettle	—”—
180	Building 301 Outdoor Drainage Flume	—”—
182	Building Floor Drains	—”—
185	Building 332 Silver Recovery Unit	—”—
186	Hospital Silver Recovery Unit	—”—
187	West Area Silver Recovery Unit	—”—
188	Building 161 Acid Neutralization Unit	—”—
189	Building 282 Recycling Area	—”—
190	Building 500 Battery Neutralization Unit	—”—
191	Building 855 Concrete Pad	—”—
193	Trash Dumpster	—”—
194-228	SWMUs which no Longer Exist or Could not be Located	—”—
PRI-1	Primate Research Institute (PRI) Building 1264: Waste accumulation Area	—”—
PRI-2	PRI Building 1264: Solvent Burn Area	—”—

<b>SWMU/AOC</b>	<b>DESCRIPTION</b>	<b>COMMENT</b>
<b>PRI-3</b>	PRI Building 1264:Biological Incinerator	EPA identified the site in the 1988 RFA Report as a SWMU, but was never required to undergo further corrective action at that time <sup>1</sup> .
<b>PRI-4</b>	PRI Building 1264: Quarantine Area Incinerator	-- <sup>1</sup>
<b>PRI-5</b>	PRI Building 1264:	-- <sup>1</sup>
<b>SWMU 148</b>	Sewage Lagoon A	HAFB submitted Closure certification in October, 1999. Stephanie is handling the procedures for Closure approval. <sup>1</sup>
<b>SWMU 149</b>	Sewage Lagoon B	-- <sup>1</sup>
<b>SWMU 150</b>	Sewage Lagoon C	-- <sup>1</sup>
<b>SWMU 151</b>	Sewage Lagoon D	-- <sup>1</sup>
<b>SWMU 152</b>	Sewage Lagoon E	-- <sup>1</sup>
<b>SWMU 153</b>	Sewage Lagoon F	-- <sup>1</sup>
<b>SWMU 154</b>	Sewage Lagoon G	-- <sup>1</sup>
<b>AOC-B</b>	Building 807 Test Cell Surface Spill Area	This AOC required further investigation during the 1988 RFA (Page 7-63), but no explanation was given as to why the site was not listed in the HSWA Permit. <sup>1</sup>
<b>AOC-C</b>	Building 835 Spills	This AOC was required to undergo further investigation during the 1988 RFA (Page 7-63), but no explanation was given as to why the site was not listed in the HSWA Permit. <sup>1</sup>
<b>AOC-E</b>	Building 903/909 Sand Blast Residues	This AOC was required to undergo further investigation during the 1988 RFA (Page 7-63), but no explanation was given as to why the site was not listed in the HSWA Permit. <sup>1</sup>
<b>AOC-F</b>	Asphalt Tank Spill Area	In the 1988 RFA (page 7-64) EPA recommended further investigation which cannot be found, but no explanation was given as to why the AOC is not listed in the Permit
<b>AOC-H</b>	Chromic Acid Spill Area	-- <sup>1</sup>

SWMU/AOC	DESCRIPTION	COMMENT
AOC-I	Fighter Wing Flight Line Spill	In the 1988 RFA (page 7-65) EPA recommended further investigation which cannot be found, but no explanation is given as to why the AOC is not listed in the Permit Probably closed by UST Bureau ?. <sup>1</sup>
AOC-J	Herbicide Spill Area	--". <sup>1</sup>
AOC-K	Northeast Base Spill Area	--". <sup>1</sup>
AOC-M	Building 18 Product Storage Tank Leak	In the 1988 RFA (page 7-65) EPA recommended further investigation which cannot be found, but no explanation is given as to why the AOC is not listed in the Permit Probably closed by UST Bureau ?. <sup>1</sup>
AOC-N	Building 137 Military Gas Tank Leak	In the 1988 RFA (page 7-65) EPA recommended further investigation which cannot be found, but no explanation is given as to why the AOC is not listed in the Permit. <sup>1</sup>
AOC-Q	BX Gas Station Fuel Line Leaks	--". Probably closed by UST Bureau ?. <sup>1</sup>
AOC-R	JP-4 Fuel Line Break	--". Probably closed by UST Bureau ?. <sup>1</sup>
AOC-S	Leaking Underground Storage Tank	--". Probably closed by UST Bureau ?. <sup>1</sup>

HAZARDOUS WASTE MANAGEMENT UNITS/SWMUs	DESCRIPTION	COMMENT
<b>300-Pound Open Burn (OB) Treatment Unit</b> [SWMU 172]	The OB Unit was used in the 1965 through 1979 under Interim status HAFB conducted risk-based closure of the site in 1998 and submitted a certification of closure as per NMED approved Work Plan of 1997.	EPA Grant commitment. HRMB recommended further sampling at Trench 4, before final closure approval can be granted. <sup>2</sup>  EPA listed this site in the 1988 RFA Report as SWMU # 172
<b>20,000 Pound Open Detonation (OD) Treatment Unit</b> [SWMU 168]	The OD Unit was permitted in 1997.	The OD Unit was permitted in 1997 and is operating. This unit was formerly listed as SWMU # 168 in the 1988 RFA Report. <sup>2</sup>
<b>Container Storage Unit</b> [SWMU # 75]	Operating Permit expires in 2001	Technical completeness NOD on the Permit Application will be sent to HAFB in the week beginning January 3, 2000  EPA listed this site as SWMU # 75 in the 1988 RFA Report, and in the HSWA Module of the current operating Permit (HSWA Permit Page 12, Table 2).. <sup>2</sup>

1. Unit underwent Corrective Action, was approved for No Further Action, and is limited by Institutional Controls
2. Unit is a Hazardous Waste Management Unit.

# HOLLOMAN AIR FORCE BASE

## TABLE A.1

List of Solid Waste Management Units (SWMUs) and Areas of Concern (AOCs) requiring Corrective Action:

December 28, 1999

SWMU	IRP SITE	UNIT NAME
1	N/A	Building 55 Oil/Water Separator
2	N/A	Building 121 Oil/Water Separator
3	N/A	Building 130 Oil/Water Separator
4	SD-08	Building 131 Oil/Water Separator
5	N/A	Building 137 Oil/Water Separator
6	N/A	Building 193 Oil/Water Separator
7	N/A	Building 198 Oil/Water Separator
8	N/A	Building 231 Oil/Water Separator
9	N/A	Building 282 Oil/Water Separator
10	N/A	Building 283 Oil/Water Separator
11	N/A	Building 300 Oil/Water Separator
12	N/A	Building 304 Oil/Water Separator
13	N/A	Building 304A Oil/Water Separator
14	N/A	Building 306 Oil/Water Separator
15	N/A	Building 309 Oil/Water Separator
16	N/A	Building 315 Oil/Water Separator
17	N/A	Building 316 Oil/Water Separator
18	N/A	Building 500 Oil/Water Separator
19	N/A	Building 638 Oil/Water Separator
20	N/A	Building 639 Oil/Water Separator
21	N/A	Building 702 Oil/Water Separator
22	N/A	Building 704 Oil/Water Separator
23	N/A	Building 800 Oil/Water Separator
24	N/A	Building 801 Oil/Water Separator
25	N/A	Building 805 Oil/Water Separator
26	N/A	Building 809 Oil/Water Separator
27	N/A	Building 810 Oil/Water Separator
28	N/A	Building 822 Oil/Water Separator
29	N/A	Building 827 Oil/Water Separator
30	N/A	Building 830 Oil/Water Separator
31	N/A	Building 855 Oil/Water Separator
32	N/A	Building 868 Oil/Water Separator
33	N/A	Building 869 Oil/Water Separator
34	N/A	Building 902 Oil/Water Separator
35	N/A	Building 903 Oil/Water Separator
36	N/A	Building 1000 Oil/Water Separator
37	N/A	Building 1080 Oil/Water Separator
38	N/A	Building 1080A Oil/Water Separator
39	N/A	Building 1092 Oil/Water Separator
40	N/A	Building 1166 Oil/Water Separator
41	N/A	Building 1266 Oil/Water Separator
42	SS-09	Building 1 Waste Accumulation Area
54	N/A	Building 702 Waste Accumulation Area
55	N/A	Building 702A Waste Accumulation Area

<b>SWMU</b>	<b>IRP SITE</b>	<b>UNIT NAME</b>
56	N/A	Building 807 Waste Accumulation Area
63	N/A	Building 867 Waste Accumulation Area
71	N/A	Building 1778A Waste Accumulation Area
78	N/A	Trim Pad 3 Waste Accumulation Area
82	SD-08	Building 131 Washrack
91	N/A	Building 816 Washrack
101	LF-10	Building 121 Landfill
102	OT-04	Acid Trailer Burial Site
104	LF-29	Former Army Landfill
105	LF-19	Golf Course Landfill
106	LF-01	Main Base Landfill
107	OT-11	Main Base Substation PCB Disposal Area
108	LF-23	MOBSS Landfill Disposal Trench
109	LF-10	Old Main Base Landfill
111	RW-42	Radioactive Waste Disposal Area
113A	OT-20	Sludge Disposal Trenches near Lagoons
113B	DP-30/SD-33	Sludge Disposal Trenches Fire Train Area
114	OT-03	TEL Disposal Site
115	LF-22	Waste Area Landfill #1 PCB Disposal Area
116	LF-21	West Area Landfill #2
118	OT-16	Building 21 Pesticides Holding Tank
119	N/A	Building 121 Waste Oil Tank
120	N/A	Building 309 Waste Oil Tank
121	N/A	Building 316 Waste Oil Tank
122	N/A	Building 702 Waste Oil Tank
123	N/A	Building 704 Waste Oil Tank
124	N/A	Building 752 Waste Oil Tank
125	N/A	Building 868 Fire Water Tank
126	N/A	Building 1000 Waste Oil Tank
127	FT-31	Building 1092 Waste Oil Tank
128	N/A	Building 1166 Waste Oil Tank
129	SS-36	Building 1191 Spill Tank
130	SS-46	Taxiway 4 Tank 28
132	OT-16	Building 21 Entomology Leachfield
133	SD-47	Building 703 Washrack Discharge Ditch
134	OT-24	Bldgs. 920-924 Drainage Ditch
135	FT-31	Building 1092 Oil/Water Sep Drainage Pit
136	N/A	Building 1119 Washrack Drainage Area
137	SS-38	Building 1166 Test Track Drain Field
138	N/A	Building 1166 Oil/Water Sep Drainage Pit
139	N/A	Lake Holloman
140	N/A	Lake Stinky
141	SD-27	Pad 9 Drainage Pit
155	N/A	Sludge Drying Beds
156	N/A	Imhoff Tanks (5)
164	N/A	Building 1080 Pond
165	SS-39	Building 1176 Pond
166	SD-25	MOBSS Drainage Lagoon
170	FT-31	Fire Department Training Area 1
171	FT-31	Fire Department Training Area 2
172	N/A	Munitions Explosion Trenches (Current OB Unit)

<b>SWMU</b>	<b>IRP SITE</b>	<b>UNIT NAME</b>
177	SS-39	Building 1176 Sumps
178	SS-36	Building 1191 Fuel Runoff Pits
179	SS-39	Discharge Box
181	SS-39	Building 1176 Drainage Trough
183	N/A	Air Base Sewer System
184	N/A	Wastewater Recirculating Line
192	OT-41	Coco Block House Disposal Well
197	OT-14	Former Entomology Shop
212	SD-28	Building 824 Waste Accumulation Area
229	SS-59	T-38 Test Cell Fuel Spill Site
230	SS-60	Building 828 Fuel Spill Site
231	LF-58	Incinerator/Landfill
AOC-A	OT-16	Building 21 Pesticide Rinsewater Spill area
AOC-D	SD-26	Building 882 Spills
AOC-G	DP-43	Atlas Substation PCB Spill
AOC-L	OT-37	Early Missile Test Site
AOC-O	N/A	Building 296 Fuel Tank leaks
AOC-P	OT-44	Building 301 Fuel Tank Leak
AOC-T	SS-02/SS-05	POL Storage Tank Leaks
AOC-U	N/A	Lost River Basin
AOC-V	SS-57	Officer's Club

**Total Number of SWMUs and AOCs = 116 [107 SWMUs and 9 AOCs]**