



GARY E. JOHNSON
GOVERNOR

WAFB
2000

State of New Mexico
ENVIRONMENT DEPARTMENT
Hazardous & Radioactive Materials Bureau
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PETER MAGGIORE
SECRETARY
PAUL R. RITZMA
DEPUTY SECRETARY

Mailed
3/1/00
CMA

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

February 29, 2000

Brigadier General William J. Lake
Commander
490 First Street, Suite 1700
Holloman AFB, NM 88330-8277

RE: Annual Unit Audit for 1999

Dear Brigadier General Lake:

The Hazardous and Radioactive Materials Bureau has completed a review of our files for your facility and listed units according to the requirements of 20 NMAC 4.2. §§201.1 and 201.2. Enclosed are tables which reflect the types and number of units contained in your facility's Hazardous Waste Permit and administrative record.

The HRMB asks that you review the enclosed tables and comment on them within 30 days of the receipt of this letter. Should you determine there is a discrepancy please contact your Facility's point of contact at HRMB or myself, at (505) 827-1561 ext. 1039, to set up a meeting to discuss the discrepancy.

Sincerely,

Robert S. Dinwiddie, Ph.D.
RCRA Advisor (Acting)

cc: reading file
Cornelius Amindyas, HRMB

**ANNUAL UNIT AUDIT DRAFT FOR 1999
CLOSING UNITS**

FACILITY: Holloman Air Force Base

Unit ID No.	Unit Type/Description	Fee	Comments
	Sewage Lagoons	\$2000.00	
	Total Closing Unit Fee	\$2000.00	

ANNUAL UNIT AUDIT DRAFT FOR 1999 OPERATING UNITS

FACILITY: Hollomn Air Force Base

Unit ID No.	Unit Type/Description	Fee	Comments
ContStor-1	Container Storage	\$1000.00	
OB/OD-1	Subpart X, Open Detonation	\$1500.00	
OB/OD-2	Subpart X, Open Detonation	\$1500.00	
	Total Operating Unit Fee	\$4000.00	

**HOLLOMAN AIR FORCE BASE
ANNUAL UNIT AUDIT
TABLE A.1.**

**List of Solid Waste Management Units (SWMUs) and Areas of Concern (AOCs)
requiring Corrective Action: February 29, 2000**

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

SWMU	IRP SITE	UNIT NAME
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)

SWMU	IRP SITE	UNIT NAME
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-BBMS	N/A	Bare Base Mobility Squadron Spill Area
AOC-D	SD-26	Building 882 Spills
AOC-G	DP-43	Atlas Substation PCB Spill
AOC-H	N/A	Chromic Acid Spill Site
AOC-J	N/A	Sodium Arsenite Spill Site
AOC-K	N/A	Fuel Line Spill Site Number 1 (JP-4)
AOC-L	OT-37	Early Missile Test Site
AOC-N	N/A	Military Gas Station
AOC-O	N/A	Building 296 Fuel Tank leaks
AOC-P	OT-44	Building 301 Fuel Tank Leak
AOC-PRI-A	N/A	Sewer Line from Primate Research Lab
PRI-S	N/A	Primate Research Lab Borehole Disposal Site
AOC-Q	N/A	BX Service Station Fuel Leak (Gasoline)
AOC-R	N/A	Fuel Line Spill Site Number 2 (JP-4)
AOC-RR	N/A	Buried RR Cars
AOC-S	N/A	JP-4 Spill Site
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 = 127 [107 SWMUs and 20 AOCs]

HSWA CORRECTIVE ACTION TABLES

TABLE A.2

February 29, 2000

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 ¹ .
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. ¹
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 Permitted Container Storage Unit whose Permit is undergoing renewal. ²
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. ¹
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	--

SWMU/AOC	DESCRIPTION	COMMENT
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 ¹ .
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 Bowers	—”—
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	—”—

SWMU/AOC	DESCRIPTION	COMMENT
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 ¹ .
163	DRMO Wood Pile	—”—
167	Test Shed Launch Area Collection Basin	—”—
168	20,000 Pound Open Detonation Unit	This is the current operating Open Detonation Treatment Unit that was permitted in 1997. ²
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 ¹ .
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	—”—

SWMU/AOC	DESCRIPTION	COMMENT
PRI-3	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 ¹ .
PRI-4	PRI Building 1264: Quarantine Area Incinerator	--
PRI-5	PRI Building 1264:	--
SWMU 148	Sewage Lagoon A	HAFB submitted Closure certification in October, 1999. Stephanie is handling the procedures for Closure approval. ¹
SWMU 149	Sewage Lagoon B	-- ¹
SWMU 150	Sewage Lagoon C	-- ¹
SWMU 151	Sewage Lagoon D	-- ¹
SWMU 152	Sewage Lagoon E	-- ¹
SWMU 153	Sewage Lagoon F	-- ¹
SWMU 154	Sewage Lagoon G	-- ¹
AOC-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. ¹
AOC-C	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. ¹
AOC-E	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. ¹
AOC-F	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
AOC-H	Chromic Acid Spill Area	-- ¹

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 ?. ¹
AOC-J	Herbicide Spill Area	--. ¹
AOC-K	Northeast Base Spill Area	--. ¹
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 ?. ¹
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. ¹
AOC-Q	BX Gas Station Fuel Line Leaks	-- . Probably closed by UST Bureau ?. ¹
AOC-R	JP-4 Fuel Line Break	-- . Probably closed by UST Bureau ?. ¹
AOC-S	Leaking Underground Storage Tank	-- . Probably closed by UST Bureau ?. ¹

HAZARDOUS WASTE MANAGEMENT UNITS/SWMUs	DESCRIPTION	COMMENT
300-Pound Open Burn (OB) Treatment Unit [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. ² EPA listed this site in the 1988 RFA Report as SWMU # 172
20,000 Pound Open Detonation (OD) Treatment Unit [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. ²
Container Storage Unit [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). ²

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.