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RYAN FLYNN
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CERTIFIED MAIL-RETURN RECEIPT REQUESTED

January 20, 2015

Heather L. Buono, Colonel
Commander, 27th Special Operations Mission Support Group
110 E. Alison Avenue, Suite 1098
Cannon Air Force Base, New Mexico 88103

**SUBJECT: FINAL PERMIT DECISION
CLASS 3 PERMIT MODIFICATION
CORRECTIVE ACTION COMPLETE STATUS FOR 32 SWMUS AND AOCS
CANNON AIR FORCE BASE NM7572124454
HWB-CAFB-08-004, 08-006, and 13-002**

Dear Colonel Buono:

The New Mexico Environment Department is approving a Class 3 Permit Modification to the Resource Conservation and Recovery Act (RCRA) Permit issued to Cannon Air Force Base (CAFB). The modification consists of approval of Corrective Action Complete (CAC) status for 32 solid waste management units (SWMUs) and areas of concern (AOCs), based on the Corrective Action Complete proposals submitted by CAFB in July 2008, October 2010, and April 2013. Thirteen SWMUs were issued CAC with controls status and were moved from Table 1 to Table 2 of Attachment 1 of the Permit. Nineteen SWMUs/AOCs were issued CAC without controls status and were moved from Table 1 to Table 3 of Attachment 1 of the Permit.

In accordance with section 20.4.1.901 of the New Mexico Administrative Code (NMAC), NMED provided public notice and conducted a 60-day public comment period from September 19, 2014 through November 18, 2014. No comments were received during the public comment period.

The Permit as modified becomes effective thirty days after the date of the approval of this Permit Modification and may be appealed under the provisions of 20.4.1.901(h) NMAC and §74-4-14 of the Hazardous Waste Act.

Colonel Buono
January 20, 2015
Page 2

Enclosed are the revised Tables 1, 2, and 3 contained in Attachment 1 of the CAFB Permit. Please update your copy of the Permit by replacing your tables with revised tables. If in the future, new information becomes available indicating a release of hazardous waste or hazardous constituents, NMED may require additional corrective action at some or all of these SWMUs/AOCs.

Should you have any questions, please contact Neelam Dhawan of my staff at (505) 476-6042.

Sincerely,



Kathryn Roberts
Director
Resource Protection Division

w/enc: Tables 1, 2, and 3

cc: J. Kieling, NMED HWB
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File: CAFB 2015, Approval CAC Petitions for 32 Sites

ATTACHMENT 1

SOLID WASTE MANAGEMENT UNIT SUMMARY

TABLE 1 LIST OF SOLID WASTE MANAGEMENT UNITS (SWMUs) AND AREAS OF CONCERN (AOCs) REQUIRING CORRECTIVE ACTION		
SWMU/AOC	DESCRIPTION	COMMENTS
SWMU 36	MWR Auto Body Shop	This is a possible disposal pit found near the current MWR Outdoor Recreation Center (Building 214) which was originally the MWR auto hobby shop. This pit could be a remnant of the old Auto Hobby Shop or a disposal site for fluids coming from an aircraft engine maintenance shop in the early 1950s.
SWMU 48a	Underground Waste Oil Tank	Underground storage tank (20,000 gallon) which was historically used to store waste oils, spent solvents, paint thinners, recovered fuels, engine oil, PD-680 (Type II), hydraulic fluid and Turco cold stripper. Inactive since 1984.
SWMU 49	Inactive POL Storage Tank No. 4028a	Underground storage tank (20,000 gallon) which held used oil. Inactive since 1985.
SWMU 70	Oil/Water Separator and Leach Field 326	Underground storage tank (20,000 gallon) which is used to recover oily material prior to discharge to a leaching field.
SWMU 71	Recovered JP-4 Fuel Tank No. 390	Underground storage tank (2000 gallon) which is used to collect recovered JP-4 from SWMU 72.
SWMU 73	Stormwater Drainage and Retention Pond	Runoff water from streets and operations in the Cantonment Area of the Air Force Base.
SWMU 77	Civil Engineering Container Storage Area	Contain storage area (100 ft by 200 ft) which was used to store 55-gallon drums; waste materials stored in drums are unknown. Presently Implementing Corrective Measures
SWMU 91	Recovered Fuel Tank No. 5114	Active aboveground storage tank (5000 gallon) used to collect recovered JP-4 from SWMU 90.
SWMU 101	Wastewater Treatment System -Lagoons	Two unlined wastewater treatment unit (WWTU) surface impoundments (32 acres).
SWMU 103	Wastewater Playa Lake	Natural land depression (13 acres) which receives stormwater discharge and waste solvents from SWMU 9.
SWMU 107	Fire Department Training Area No. 3	Inactive, unlined fire training area (100 ft in diameter) used during fire

**TABLE 1
 LIST OF SOLID WASTE MANAGEMENT UNITS (SWMUs) AND AREAS OF CONCERN (AOCs)
 REQUIRING CORRECTIVE ACTION**

SWMU/AOC	DESCRIPTION	COMMENTS
		training exercises.
SWMU 108	Explosive Ordinance Disposal Activities Area	Active Unit (1800 ft in diameter) used for ammunition disposal training operations.
SWMU 109	Fire Department Training Area No. 4	Inactive, unlined fire training area (400 ft in diameter) used during fire training exercises. Previously, this site was
SWMU 111	Unlined Pit	Unlined pit used to collect runoff from SWMU 109
SWMU 112	Oil/Water Separator No. 2336	Underground Storage Tank used to recover JP-4 fuel from runoff derived during fire training exercises.
SWMU 126	Inactive Underground Storage Tank 3	Underground storage tank used to store diesel oil.
SWMU 127	Oil/Water Separator Near Tank 4095 (#1) & Leach field	Underground storage tank used to recover washdown materials.
SWMU 128	Oil/Water Separator Near Tank 4095 (#2) & Leach Field	Underground storage tank used to recover washdown materials.
SWMU 129	Waste Oil Storage Facility 244	Formerly known as AOC "I"
AOC A	MOGAS Spill Site	Site of two automobile gasoline spills.

**TABLE 2
 LIST OF SOLID WASTE MANAGEMENT UNITS (SWMUs) AND AREAS OF CONCERN (AOCs)
 WITH CORRECTIVE ACTION COMPLETE WITH CONTROLS STATUS**

SWMU/AOC	DESCRIPTION	COMMENTS
SWMU 1	Oil/Water Separator No. 119	NFA ² Approval February 27, 2006
SWMU 2	Recovered Diesel Tank No. 108	CAC ³ Approved January, 2015
SWMU 3	Oil/Water Separator No. 108	NFA Approval February 27, 2006
SWMU 4	Recovered Tank No. 121	CAC Approved January, 2015
SWMU 5	Oil/Water Separator No. 121	NFA Approval February 27, 2006
SWMU 6	POL Tank No. 129	CAC Approved January, 2015
SWMU 7	Oil/Water Separator No. 129	NFA Approval February 27, 2006
SWMU 8	Oil/Water Separator No. 165	NFA Approval February 27, 2006
SWMU 9	Aircraft Washrack Drain System	NFA Approval February 27, 2006
SWMU 11	Oil/Water Separator No. 170	NFA Approval February 27, 2006
SWMU 12	Jet engine shop dip tank	1
SWMU 13	Jet engine shop indoor washrack	1
SWMU 14	Pneudraulics shop PD-680 dip tank	1
SWMU 15	Pneudraulics shop former drum storage	1
SWMU 16	Oil/Water Separator No. 680	NFA Approval February 27, 2006
SWMU 17	Bearing cleaner tank	1
SWMU 18	Bearing cleaner and carbon remover	1
SWMU 19	Container accumulation area No. 681	1
SWMU 20	Armament recording lab floor drains	1
SWMU 21	NDI lab dip tank	1
SWMU 22a,b	NDI lab developer tank	1
SWMU 23a,b	NDI lab emulsifier processing tank	1
SWMU 24a,b	NDI lab silver recovery tank	1
SWMU 25	NDI lab drum storage area	1
SWMU 26	NDI lab fixer processing tank	1
SWMU 27	Lead acid battery shop neutralization tank	1
SWMU 28	Used battery casings storage area	1
SWMU 29	NiCad Battery Rinse sink	1
SWMU 30	AGE drainage ditch	1
SWMU 32A	Oil/Water Separator No. 186 (#1 – East)	NFA Approval February 27, 2006

**TABLE 2
LIST OF SOLID WASTE MANAGEMENT UNITS (SWMUs) AND AREAS OF CONCERN (AOCs)
WITH CORRECTIVE ACTION COMPLETE WITH CONTROLS STATUS**

SWMU/AOC	DESCRIPTION	COMMENTS
SWMU 33B	Oil/Water Separator No. 186 (#2 – West)	NFA Approval February 27, 2006
SWMU 34	AGE Drainage Ditch	CAC Approved January, 2015
SWMU 35	Aircraft drip pans	1
SWMU 37	Wheel and tire shop cold stripper dip tank	1
SWMU 38	Oil/Water Separator No. 194	NFA Approval February 27, 2006
SWMU 39	Oil/Water Separator No. 195	NFA Approval February 27, 2006
SWMU 40	Corrosion control shop drum storage area	
SWMU 41	Corrosion control shop dumpster	1
SWMU 42	Corrosion control shop water holding tank	1
SWMU 43	Fuel systems repair shop bowser	1
SWMU 44	Corrosion control shop parts stripper Building 196	1
SWMU 45	Paint spray booth air purifiers	1
SWMU 46	Oil/Water Separator No. 196	NFA Approval February 27, 2006
SWMU 47	Oil/Water Separator No. 494	NFA Approval February 27, 2006
SWMU 48B	Aboveground Overflow Capacity Tank	NFA Approval February 27, 2006
SWMU 51	Oil/Water Separator No. 375	NFA Approval February 27, 2006
SWMU 52	Waste oil and hydraulic fluid bowser	1
SWMU 53	Special purpose vehicle maintenance shop floor drains	
SWMU 54	Special purpose vehicle maintenance shop drum storage	
SWMU 55	Lead acid battery accumulation point	NFA Approval February 27, 2006
SWMU 56	Lead acid battery storage area	1
SWMU 57	Oil/Water Separator No. 379	NFA Approval February 27, 2006
SWMU 58	Special purpose vehicle maintenance shop PD-680 dip tank	1
SWMU 59	Civil engineering paint shop	1
SWMU 60	Civil engineering paint shop waste containers	1
SWMU 61	Sand trap No. 5077A	NFA Approval February 27, 2006
SWMU 62	Sand Trap No. 5077B	NFA Approval February 27, 2006
SWMU 63	Oil/Water Separator No. 5077C	NFA Approval February 27, 2006
SWMU 64	Civil engineering open yard PCB storage	1
SWMU 65	Former interim status hazardous waste storage facility	1
SWMU 66	Hazardous Waste Storage Facility at Building 226	Certified closed on September 18, 2003

TABLE 2
LIST OF SOLID WASTE MANAGEMENT UNITS (SWMUs) AND AREAS OF CONCERN (AOCs)
WITH CORRECTIVE ACTION COMPLETE WITH CONTROLS STATUS

SWMU/AOC	DESCRIPTION	COMMENTS
SWMU 67	DPDO PCB storage facility	1
SWMU 68	Civil engineering department PCB storage facility	1
SWMU 69	New entomology mixing room, sink, and floor drains	1
SWMU 74	Landfill No. 1	NFA Approval February 27, 2006
SWMU 76	Sludge Weathering Pit	NFA Approval February 27, 2006
SWMU 78	Fire Department Training Area No. 1	CAC Approved January, 2015
SWMU 80	Drum storage area	Not observed during RFI
SWMU 82	Landfill No. 2	CAC Approved January 2015
SWMU 83	Sump	NFA Approval February 27, 2006
SWMU 84	Waste oil and product storage area	1
SWMU 85	Stormwater Collection Point	CAC Approved January, 2015
SWMU 92	Oil/Water Separator No. 5120	NFA Approval February 27, 2006
SWMU 93	Oil/Water Separator No. 5121	NFA Approval February 27, 2006
SWMU 94	Oil/Water Separator No. 5144	NFA Approval February 27, 2006
SWMU 95	NE Stormwater Drainage Area	CAC Approved January, 2015
SWMU 96	Old Entomology Rinse Area	CAC Approved January, 2015
SWMU 97	Concrete Rubble Pile (Landfill No. 25)	CAC Approved January, 2015
SWMU 99	Wastewater treatment system bar screen	1
SWMU 100	Wastewater treatment system	1
SWMU 102	Wastewater Treatment Effluent Discharge	CAC Approved January, 2015
SWMU 104	Landfill No. 4	CAC Approved January, 2015
SWMU 105	Landfill No. 3	CAC Approved January, 2015
SWMU 113	Landfill No. 5 Cell 3	NFA Approval February 27, 2006
SWMU 121	Containers for clean and dirty Speedydry	1
SWMU 122	Sanitary dumpsters	1
SWMU 123	Dirty rag disposal can	1
AOC D	Asbestos Burial Pit	NFA Approval February 27, 2006
AOC E	Runway disposal pile	NFA Approval February 27, 2006
AOC F	Gunsight target berm	NFA Approval February 27, 2006
AOC G	North Housing Site	NFA Approval February 27, 2006
AOC H	South Housing Site	NFA Approval February 27, 2006

**TABLE 2
 LIST OF SOLID WASTE MANAGEMENT UNITS (SWMUs) AND AREAS OF CONCERN (AOCs)
 WITH CORRECTIVE ACTION COMPLETE WITH CONTROLS STATUS**

SWMU/AOC	DESCRIPTION	COMMENTS
AOC D*	Aircraft washrack holding tank	AOCs D* through YY* were originally designated AOCs D through YY in the 1987 RFA. However, during the 1999 Annual Unit Audit, new AOCs D through I were designated.
AOC E*	POL Storage Tank No. 140	NFA Approval February 27, 2006
AOC F*	POL Storage Tank No. 163	AOCs D* through YY* were originally designated AOCs D through YY in the 1987 RFA. However, during the 1999 Annual Unit Audit, new AOCs D through I were designated.
AOC G*	POL Storage Tank No. 181	
AOC H*	POL Storage Tank No. 182-A	
AOC I*	POL Storage Tank No. 183-B	
AOC J*	POL Storage Tank No. 184	
AOC K*	POL Storage Tank No. 185	
AOC L*	POL Storage Tank No. 187	
AOC M*	New entomology building product storage area	
AOC N*	POL Storage Tank No. 368a	
AOC O*	POL Storage Tank No. 368b	
AOC P*	POL Storage Tank No. 368c	
AOC Q*	POL Storage Tank No. 368d	
AOC R*	POL Storage Tank No. 374	
AOC S*	POL Storage Tank No. 376	
AOC T*	POL Storage Tank No. 377	
AOC U*	POL Storage Tank No. 378	
AOC V*	POL Storage Tank No. 392a	
AOC W*	POL Storage Tank No. 392b	
AOC X*	POL Storage Tank No. 392c	
AOC Y*	POL Storage Tank No. 392d	
AOC Z*	POL Storage Tank No. 394	
AOC AA*	POL Storage Tank No. 395	
AOC BB*	POL Storage Tank No. 396	
AOC CC*	POL Storage Tank No. 420	
AOC DD*	Inactive POL Storage Tank No. 443	
AOC EE*	POL Storage Tank No. 444	
AOC FF*	POL Storage Tank No. 728	

**TABLE 2
 LIST OF SOLID WASTE MANAGEMENT UNITS (SWMUs) AND AREAS OF CONCERN (AOCs)
 WITH CORRECTIVE ACTION COMPLETE WITH CONTROLS STATUS**

SWMU/AOC	DESCRIPTION	COMMENTS
AOC GG*	POL Storage Tank No. 1400	
AOC HH*	POL Storage Tank No. 2110	
AOC II*	POL Storage Tank No. 2160	
AOC JJ	POL Storage Tank No. 2276	
AOC KK	POL Storage Tank No. 2280	
AOC LL	POL Storage Tank No. 2285	
AOC MM	POL Storage Tank No. 2300	
AOC NN	POL Storage Tank No. 2302	
AOC OO	POL Storage Tank No. 2307	
AOC PP	POL Storage Tank No. 2309	
AOC QQ	POL Storage Tank No. 2313	
AOC RR	POL Storage Tank No. 2321	
AOC SS	POL Storage Tank No. 2327	
AOC TT	POL Storage Tank No. 2328	
AOC UU	POL Storage Tank No. 2330	
AOC VV	POL Storage Tank No. 3117	
AOC WW	POL Storage Tank No. 3118	
AOC XX	POL Storage Tank No. 3121a	
AOC YY	POL Storage Tank No. 3121b	

1. Based on the results of EPA's RFA Report of July 29, 1987, it was determined that additional investigation at this SWMU/AOC was not warranted.
2. NFA-No Further Action
3. CAC-Corrective Action Complete

**TABLE 3
 LIST OF SOLID WASTE MANAGEMENT UNITS (SWMUs) AND AREAS OF CONCERN (AOCs)
 WITH CORRECTIVE ACTION COMPLETE WITHOUT CONTROLS STATUS**

SWMU/AOC	DESCRIPTION	COMMENTS
SWMU 10	POL Tank No. 170	CAC ¹ Approved January, 2015
SWMU 31	AGE Maintenance Shop Pad	CAC Approved January, 2015
SWMU 50	Inactive POL Storage Tank No. 4028b	CAC Approved January, 2015
SWMU 72	Oil/Water Separator 390	CAC Approved January, 2015
SWMU 75	Sanitary Sewage Lift Station Overflow Pit	CAC Approved January, 2015
SWMU 79	Underground Tank	CAC Approved January, 2015
SWMU 81	Solvent Disposal Site	CAC Approved January, 2015
SWMU 86	Engine Test Cell	CAC Approved January, 2015
SWMU 87	Former Overflow Pit	CAC Approved January, 2015
SWMU 88	Former Leaching Field	CAC Approved January, 2015
SWMU 89	Evaporation Pond	CAC Approved January, 2015
SWMU 90	Oil/Water Separator No. 5114	CAC Approved January, 2015
SWMU 98	Sanitary Sewage Line	CAC Approved January, 2015
SWMU 106	Fire Department Training Area No. 2	CAC Approved January, 2015
SWMU 110	Underground Waste Oil Tank No. 2336	CAC Approved January, 2015
SWMU 124	Inactive Underground Storage Tank 1	CAC Approved January, 2015
SWMU 125	Inactive Underground Storage Tank 2	CAC Approved January, 2015
AOC B	JP-4 Fuel Spill	CAC Approved January, 2015
AOC C	Blown Capacitor Site	CAC Approved January, 2015

1. CAC-Corrective Action Complete