

**ATTACHMENT 1**

**SOLID WASTE MANAGEMENT UNIT SUMMARY**

<b>TABLE 1 LIST OF SOLID WASTE MANAGEMENT UNITS (SWMUs) AND AREAS OF CONCERN (AOCs) REQUIRING CORRECTIVE ACTION</b>		
<b>SWMU/AOC</b>	<b>DESCRIPTION</b>	<b>COMMENTS</b>
SWMU 1	Oil/Water Separator 119	<del>Underground storage tank (375-gallon) used to recover oily wash generated by aircraft maintenance operations.</del>
SWMU 2	Recovered Tank No. 108	Underground storage tank (2000-gallon) used to collect recovered diesel fuel from SWMU 3.
SWMU 3	Oil/Water Separator 108	<del>Underground storage tank (500 gallon) used to recover diesel fuel from washdown operations.</del>
SWMU 4	Recovered Tank No. 121	Underground storage tank (2000 gallon) used to collect recovered diesel fuel from SWMU 5.
SWMU 5	Oil/Water Separator 121	<del>Underground storage tank (500 gallon) used to recover diesel fuel from washdown operations.</del>
SWMU 6	POL Tank No. 129	Underground storage tank (2000 gallon) used to collect recovered diesel fuel form SWMU 7.
SWMU 7	Oil/Water Separator 129	<del>Underground storage tank (500 gallon) used to recover diesel fuel from washdown operations.</del>
SWMU 8	Oil/Water Separator 165	<del>Underground storage tank (600 gallon) used to recover Mirachem from aircraft cleaning operations.</del>
SWMU 9	Aircraft Washrack Drain system	<del>Concrete washrack used in aircraft cleaning operations.</del>
SWMU 10	POL Tank No. 170	Underground storage tank (2000 gallon) used to collect recovered diesel fuel from SWMU 11.
SWMU 11	Oil/Water Separator 170	<del>Underground storage tank (500 gallon) used to recover diesel fuel from washdown operations.</del>

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<b>SWMU/AOC</b>	<b>DESCRIPTION</b>	<b>COMMENTS</b>
<del>SWMU 16</del>	<del>Oil/Water Separator 680</del>	<del>Underground storage tank (500 gallon) used to recover washdown from aircraft cleaning operations.</del>
SWMU 31	AGE Maintenance Shop Pad	Concrete apron (25 ft by 500 ft) which is exposed to washdown water and spilled oil and lubricants.
<del>SWMU 32</del>	<del>Oil/Water Separator 186 (#1)</del>	<del>Underground storage tank (600 gallon) used to recover washdown material.</del>
<del>SWMU 33</del>	<del>Oil/Water Separator 186 (#2)</del>	<del>Underground storage tank (600 gallon) used to recover washdown material.</del>
SWMU 34	AGE Drainage Ditch	Unlined drainage ditch (12 ft by 1 ft by 1200 ft) which receives runoff from SWMU 31.
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.
<del>SWMU 38</del>	<del>Oil/Water Separator 194</del>	<del>Underground storage tank (200 gallon) used to recover washdown material.</del>
<del>SWMU 39</del>	<del>Oil/Water Separator 195</del>	<del>Underground storage tank (200 gallon) used to recover washdown material.</del>
<del>SWMU 46</del>	<del>Oil/Water Separator 196</del>	<del>Underground storage tank (200 gallon) used to recover washdown material.</del>
<del>SWMU 47</del>	<del>Oil/Water Separator 494</del>	<del>Underground storage tank (unknown capacity).</del>
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.
<del>SWMU 48b</del>	<del>Above Ground</del>	<del>Aboveground storage tank (2000 gallon) which provided overflow capacity for the</del>

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<b>SWMU/AOC</b>	<b>DESCRIPTION</b>	<b>COMMENTS</b>
	<del>Overflow Capacity Tank</del>	<del>adjacent UST (SWMU 48a).</del>
SWMU 49	Inactive POL Storage Tank No. 4028a	Underground storage tank (20,000 gallon) which held used oil. Inactive since 1985.
SWMU 50	Inactive POL Storage Tank No. 4028b	Underground storage tank (20,000 gallon) which held used oil.
SWMU 51	<del>Oil/Water Separator 375</del>	<del>Tank of unknown capacity and history.</del>
SWMU 55	Lead Acid Battery Accumulation Point	Storage area for batteries.
SWMU 57	<del>Oil/Water Separator 379</del>	<del>Underground storage tank (5000 gallon) which is used to recover oil from</del>
SWMU 61	<del>Oil/Water Separator 5077a</del>	<del>Underground storage tank (760 gallon) which is used to recover washdown material.</del>
SWMU 62	<del>Oil/Water Separator 5077b</del>	<del>Underground storage tank (760 gallon) which is used to recover washdown material.</del>
SWMU 63	<del>Oil/Water Separator 5077e</del>	<del>Underground storage tank (1,675 gallon) which is used to recover washdown materials.</del>
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 72	Oil/Water	Underground storage tank (2000 gallon) which is used to recover waste JP-4.

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<b>SWMU/AOC</b>	<b>DESCRIPTION</b>	<b>COMMENTS</b>
	Separator 390	
<del>SWMU 74</del>	<del>Landfill No. 1</del>	<del>Inactive 4 acre landfill which when in operation, received domestic solid wastes and shop wastes including oils and solvents, paint strippers and thinners, paint, pesticide containers, cans, and drums. Inactive since 1946.</del>
SWMU 75	Sanitary Sewage Lift Station Overflow Pit	Unlined surface impoundment (100 ft by 600 ft by 3 ft) and when in use, served to contain sewage overflow.
<del>SWMU 76</del>	<del>Sludge Weathering Pit</del>	<del>Unlined, shallow surface impoundment (25 ft by 25 ft) used to weather fuel</del>
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 78	Fire Department Training Area No. 1	Unlined open burning area (100 ft in diameter) used during fire fighting training exercises. Inactive since 1968.
SWMU 79	Underground Tank	Underground storage tank (2000 gallon) used to collect and store recovered JP-4.
SWMU 81	Solvent Disposal Site	Inactive surface impoundment believed to have been used to dispose of TCE.
SWMU 82	Landfill No. 2	Unlined, inactive landfill (4 acres) which received domestic and industrial solid waste, including waste oils and solvents, paints, paint strippers, paint thinners, pesticide containers, cans, and drums.
<del>SWMU 83</del>	<del>Sump</del>	<del>Concrete sump (7 ft by 8 inches by 5 inches).</del>
SWMU 85	Stormwater Collection Point	Playa used as surface impoundment (9 acres) used to receive stormwater runoff and fuel spills.
SWMU 86	Engine Test Cell	Enclosed tank (50 ft by 10 ft by 20 ft tall) used to collect washdown material.
SWMU 87	Former Overflow Pit	Unlined surface impoundment (6-8 ft in diameter) which collected wash water.

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<b>SWMU/AOC</b>	<b>DESCRIPTION</b>	<b>COMMENTS</b>
SWMU 88	Former Leaching Field	Leaching field (10,000 SF) that receive
SWMU 89	Evaporation Pond	Active Concrete impoundment (60 ft by 60 ft) used to evaporate washwater.
SWMU 90	Oil/Water Separator No. 5114	Underground storage tank (100 gallon) used to recover JP-4 fuel.
SWMU 91	Recovered Fuel Tank No. 5114	Active aboveground storage tank (5000 gallon) used to collect recovered JP-4 from SWMU 90.
SWMU 92	<del>Oil/Water Separator No. 5120</del>	<del>Active underground storage tank (100 gallon) used to recover washdown material.</del>
SWMU 93	<del>Oil/Water Separator No. 5121</del>	<del>Active underground storage tank (100 gallon) used to recover washdown materials.</del>
SWMU 94	<del>Oil/Water Separator No. 5144</del>	<del>Active underground storage tank (100 gallon) used to recover washdown materials.</del>
SWMU 95	NE Stormwater Drainage Area	Open field which receives water from oil/water separators (SWMUs 38, 39, & 46) and runoff water from the runways and storm water drains.
SWMU 96	Old Entomology Rinse Area	Inactive open pit (3 ft by 3 ft by 2 ft deep) which received decon rinse waters from pesticide sprayers and containers.
SWMU 97	Concrete Rubble Pile (Landfill 25)	Rubble pile of concrete blocks.
SWMU 98	Sanitary Sewage Line	Active sewer used to collect sanitary and industrial wastewater.
SWMU 101	Wastewater Treatment System -	Two unlined wastewater treatment unit (WWTU) surface impoundments (32 acres).

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<b>SWMU/AOC</b>	<b>DESCRIPTION</b>	<b>COMMENTS</b>
	Lagoons	
SWMU 102	Wastewater Treatment Effluent Discharge	Discharge pipe from wastewater treatment unit.
SWMU 103	Wastewater Playa Lake	Natural land depression (13 acres) which receives stormwater discharge and waste solvents from SWMU 9.
SWMU 104	Landfill No. 4	Inactive, unlined landfill (7 acres); when active it received domestic and industrial sold waste, including waste oils and solvents, paints, paint strippers, paint thinners, pesticides, cans, and drums.
SWMU 105	Landfill No. 3	Inactive, unlined landfill (7 acres); when active it received domestic and industrial sold waste, including waste oils and solvents, paints, paint strippers, paint thinners, pesticides, cans, and drums.
SWMU 106	Fire Department Training Area No. 2	Inactive, unlined fire training area (100 ft in diameter) used during fire training exercises.
SWMU 107	Fire Department Training Area No. 3	Inactive, unlined fire training area (100 ft in diameter) used during fire 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 110	Underground Waste Oil Tank No. 2336	Active Underground Storage Tank (2000 gallon) used to store recovered JP-4 fuel for fire training exercises.

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<b>SWMU/AOC</b>	<b>DESCRIPTION</b>	<b>COMMENTS</b>
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 113	Landfill 5 Cell 3	<del>Active landfill (30 acres) which receives general construction debris, domestic and industrial solid waste, including waste oils and solvents, paints, paint removers, paint thinners, pesticides, cans, and drums.</del>
SWMU 124	Inactive Underground Storage Tank 1	Underground storage tank used to store diesel oil. Reported to have been filled with sand.
SWMU 125	Inactive Underground Storage Tank 2	Underground storage tank used to store diesel oil.
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.

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<b>SWMU/AOC</b>	<b>DESCRIPTION</b>	<b>COMMENTS</b>
AOC B	JP-4 Fuel Spill	Site of JP-4 fuel spill.
AOC C	Blown Capacitor Site	Site of PCB spill

**TABLE 2**  
**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>DATE OF NFA APPROVAL</b>	<b>COMMENT</b>
SWMU 66	Hazardous Waste Storage Facility at Building 226		Certified closed on September 18, 2003
SWMU 1	Oil/Water Separator No. 119		
SWMU 3	Oil/Water Separator No. 108		
SWMU 5	Oil/Water Separator No. 121		
SWMU 7	Oil/Water Separator No. 129		
SWMU 8	Oil/Water Separator No. 165		
SWMU 9	Aircraft Washrack Drain System		
SWMU 11	Oil/Water Separator No. 170		
SWMU 12	Jet engine shop dip tank		3
SWMU 13	Jet engine shop indoor washrack		3
SWMU 14	Pneudraulics shop PD-680 dip tank		3
SWMU 15	Pneudraulics shop former drum storage		3
SWMU 16	Oil/Water Separator No. 680		
SWMU 17	Bearing cleaner tank		3
SWMU 18	Bearing cleaner and carbon remover		3
SWMU 19	Container accumulation area No. 681		3
SWMU 20	Armament recording lab floor drains		3
SWMU 21	NDI lab dip tank		3
SWMU 22a,b	NDI lab developer tank		3
SWMU 23a,b	NDI lab emulsifier processing tank		3
SWMU 24a,b	NDI lab silver recovery tank		3
SWMU 25	NDI lab drum storage area		3
SWMU 26	NDI lab fixer processing tank		3

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<b>SWMU/AOC</b>	<b>DESCRIPTION</b>	<b>DATE OF NFA APPROVAL</b>	<b>COMMENT</b>
SWMU 27	Lead acid battery shop neutralization tank		3
SWMU 28	Used battery casings storage area		3
SWMU 29	NiCad Battery Rinse sink		3
SWMU 30	AGE drainage ditch		3
SWMU 32A	Oil/Water Separator No. 186 (#1 – East)		
SWMU 32B	Oil/Water Separator No. 186 (#2 – West)		
SWMU 35	Aircraft drip pans		3
SWMU 37	Wheel and tire shop cold stripper dip tank		3
SWMU 38	Oil/Water Separator No. 194		
SWMU 39	Oil/Water Separator No. 195		
SWMU 40	Corrosion control shop drum storage area		
SWMU 41	Corrosion control shop dumpster		3
SWMU 42	Corrosion control shop water holding tank		3
SWMU 43	Fuel systems repair shop bowser		3
SWMU 44	Corrosion control shop parts stripper Building 196		3
SWMU 45	Paint spray booth air purifiers		3
SWMU 46	Oil/Water Separator No. 196		
SWMU 46	Oil/Water Separator No. 494		
SWMU 48B	Aboveground Overflow Capacity Tank		
SWMU 51	Oil/Water Separator No. 375		
SWMU 52	Waste oil and hydraulic fluid bowser		3
SWMU 53	Special purpose vehicle maintenance shop floor drains		
SWMU 54	Special purpose vehicle maintenance shop		

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<b>SWMU/AOC</b>	<b>DESCRIPTION</b>	<b>DATE OF NEA APPROVAL</b>	<b>COMMENT</b>
	drum storage		
SWMU 55	Lead acid battery accumulation point		
SWMU 56	Lead acid battery storage area		3
SWMU 57	Oil/Water Separator No. 379		
SWMU 58	Special purpose vehicle maintenance shop PD-680 dip tank		3
SWMU 59	Civil engineering paint shop		3
SWMU 60	Civil engineering paint shop waste containers		3
SWMU 61	Sand trap No. 5077A		
SWMU 62	Sand Trap No. 5077B		
SWMU 63	Oil/Water Separator No. 5077C		
SWMU 64	Civil engineering open yard PCB storage		3
SWMU 65	Former interim status hazardous waste storage facility		3
SWMU 67	DPDO PCB storage facility		3
SWMU 68	Civil engineering department PCB storage facility		3
SWMU 69	New entomology mixing room, sink, and floor drains		3
SWMU 74	Landfill No. 1		
SWMU 76	Sludge Weathering Pit		
SWMU 80	Drum storage area		Not observed during RFI
SWMU 83	Sump		
SWMU 84	Waste oil and product storage area		3
SWMU 92	Oil/Water Separator No. 5120		

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<b>SWMU/AOC</b>	<b>DESCRIPTION</b>	<b>DATE OF NFA APPROVAL</b>	<b>COMMENT</b>
SWMU 93	Oil/Water Separator No. 5121		
SWMU 94	Oil/Water Separator No. 5144		
SWMU 99	Wastewater treatment system bar screen		3
SWMU 100	Wastewater treatment system		3
SWMU 113	Landfill No. 5 Cell 3		
SWMU121	Containers for clean and dirty Speedydry		3
SWMU 122	Sanitary dumpsters		3
SWMU123	Dirty rag disposal can		3
AOC D	Asbestos Burial Pit		
AOC E	Runway disposal pile		
AOC F	Gunsight target berm		
AOC G	North Housing Site		
AOC H	South Housing Site		
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		
AOC F*	POL Storage Tank No. 163		
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		

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<b>SWMU/AOC</b>	<b>DESCRIPTION</b>	<b>DATE OF NEA APPROVAL</b>	<b>COMMENT</b>
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		
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		

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<b>SWMU/AOC</b>	<b>DESCRIPTION</b>	<b>DATE OF NFA APPROVAL</b>	<b>COMMENT</b>
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		

**NOTE:**

1. Unit underwent Corrective Action, was approved for No Further Action, and is limited by Institutional Controls.
2. Unit is a Permitted Hazardous Waste Management Unit.
3. 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.