

**MODULE VI
RCRA/CERCLA INTEGRATION
FOR CORRECTIVE ACTION**

VI.A. APPLICABILITY

- VI.A.1. The requirements of this Permit module pertain to the corrective action of SWMUs at the UTTR North-Range that have had no hazardous waste added to them after July 26, 1982. The SWMUs at the UTTR North-Range that meet this criteria are listed in Table 1 of this Module.
- VI.A.2. The Permittee shall implement corrective action for all other SWMUs, listed in Table 1 of Module IV of this Permit, in accordance with the conditions of Module IV of this Permit.
- VI.A.3. Newly identified SWMUs may be added to Table 1 of this Module VI if the Permittee provides the Director with information that a given newly identified SWMU meets the criteria listed in condition VI.A.1. Otherwise newly identified SWMUs shall be added to Table 1 of Module IV, and corrective action addressed through the conditions of Module IV of this Permit.

VI.B. INCORPORATION OF AGREEMENT

- VI.B.1. The *Integration Agreement for Air Force Cleanup of the Air Force's Utah Test and Training Range, the Wendover Range and the Little Mountain Complex* between the U.S. Air Force and the State of Utah, signed November 2006 (Agreement) is hereby incorporated into this Permit and a copy included as Attachment 17. Pursuant to Section 4 of the Agreement, all corrective actions for SWMUs listed in Table 1 of this Module shall be conducted in accordance with the terms and conditions of the Agreement. All deliverables associated with those corrective actions shall be submitted according to the timetables, deadlines and schedules specified in the Agreement. The requirements for all deliverables and schedules under the Agreement shall be incorporated into and become enforceable as part of this Permit.
- VI.B.2. Reserved
- VI.B.3. The Permittee requested a modification to incorporate the Agreement into this Permit in accordance with the provisions of R315-3-4.3 and 40 CFR 270.42(c) applicable to a Class 3 permit modification. The modification was approved in May 2007, and the Agreement was incorporated as Attachment 17.

VI.C. TERMINATION OF AGREEMENT

- VI.C.1. Should the Agreement be terminated, this Permit shall be modified to remove the Agreement pursuant to the modification provisions of R315-3-4.2 or R315-3-4.3. The Permittee shall then implement corrective action for all SWMUs listed in Table 1 of Module VI of this Permit in accordance with the conditions of Module IV of this Permit.

Table 1
Solid Waste Management Units at
Utah Test and Training Range
(SWMU List)

<u>SWMU Number</u>	<u>AF Site #</u>	<u>Current Status</u>	<u>Period of Operation</u>	<u>OPERABLE UNIT (OU) and DESCRIPTION of SWMU</u>
1	N001	C	Mid 1970s	OU-NR2-Debris Pile Checkpoint Charlie (small pile of bombs)
12	N012	C	1973 to '75	OU-NR1-Chemical Disposal Pit #4 (Gravel Pit)
26	N026	A	mid 1970s	OU-NR2-Bravo Dump Area (target preparation and storage)
28	N028	C	No accumulation	OU-NR2-30 mm Firing Range
32	N032	C	No accumulation	OU-NR2-Salvo Area (5 square mile area of concern)
35	N035E N035W	A	Unknown	OU-NR2-Target 21 Munitions Pits (open & buried, munitions & target debris)
38	N038N N038W	A	1978 to '80	OU-NR2-Disposal Pits in middle of N and W Strafe runs (old # M-4, & 5)
40	N040	A	Unknown	OU-NR2-Disposal Pits at the Eagle Range "boneyard" (old # M-8)
41	N041	A	pre-1979	OU-NR2-Disposal Pit beneath the break room at Eagle Tower (old # M-9)
42	N042	A	1978 to '80	OU-NR2-Disposal Pit north-west of North strafe run (old # M-10)
45	N045	A	1975 to e'80s	OU-NR2-Disposal Pit 50 ft SE of Vehicle Maintenance Bldg. (old # W-1)
46	N046	A	1975 to '78	OU-NR2-Disposal Pit under the water tank at Eagle Tower (old # W-2)
47	N047	A	1980 to '82	OU-NR2-Disposal Pit/Burn Pit north of North strafe run (old # W-3)
49	N049	A	1958 to '64	OU-NR2-Buried Munitions Trenches (by south gate practice bombs/debris)
50	N050	A	Unknown	OU-NR2-Munitions Debris Pile (ejection seat canisters, practice bombs, etc)
51	N051	C	1956 to '58	OU-NR2-Strafing Target S1 Debris Pile #1 (East Pile - munitions & Debris)
52	N052	C	1956 to '58	OU-NR2-Strafing Target S1 Debris Pile #2 (West Pile - munitions & Debris)
53	N053N N053S	C C	1956 to '58	OU-NR2-Practice Bomb Debris Pile, Burial Trenches, Open Detonation Crater
54	N054	C	pre 1973	OU-NR2-Rocket Motor Burn Site (surface)
55	N055	A	Unknown	OU-NR2-Munitions Burial Trenches (buried, some munitions on surface)
56	N056E N056W	C A	1956 to '70	OU-NR2-Original-Oasis-Complex Burial Trenches (buried, flares on surface)
57	N057	A	1958 to '66	OU-NR2-Sink Valley Landfill (buried, municipal waste, some practice bombs)

**Table 1 Module VI (continued)
 Solid Waste Management Units at
 Utah Test and Training Range
 (SWMU List)**

<u>SWMU Number</u>	<u>AF Site #</u>	<u>Current Status</u>	<u>Period of Operation</u>	<u>OPERABLE UNIT (OU) and DESCRIPTION of SWMU</u>
58	N058	A	early 1970s	OU-NR2-Munitions and Target Debris Pile
59	N059	A	early 1980s	OU-NR2-Laser Tunnel Trenches & Target Pad (target scrap metal)
63	N063N	A	late 1950s	OU-NR2-Crater with Munitions Debris (north area) and Target
	N063S	A		Debris Accumulation Area (south area)
64	N064	C	1964 to '65	OU-NR2-Spent Rocket Debris Pile (surface, 6-10 GENIE motors)
66	N066	A	1955 to '70s	OU-NR2-Target 24 Submunitions Trenches (buried, east edge of target)
68	N068	C	1960s '70s	OU-NR2-Diddle Knoll Ravine Dump (surface, mostly solid waste)
69	N069	A	1956 to '80s	OU-NR2-Target 13 Munitions Trenches (buried, munitions & target debris)
70	N070	C	No accumulation	OU-NR2-Crash Site on Mudflats
72	N072	A	Unknown	OU-NR2-Open Detonation Craters near South Fence (buried munitions)
73	N073	C	Unknown	OU-NR2-Open Burn Crater (open burn of munitions)
74	N074N	A	Unknown	OU-NR2-Open Detonation Crater (blasting caps & black propellant)
	N074M	A		
	N074S	A		
75	N075N	A	1973 to '84	OU-NR2-Corrosion Test Site - (North & South sides of dirt road)
	N075S	A		
76	N076	C	1972 to '74	OU-NR2-Agent Orange Test Site (test degradation rates in soil)
77	N077	C	Unknown	OU-NR2-Rocket Motor Burn Site (surface)
78	N078	A	pre-1972	OU-NR2-Debris Filled Crater (surface, WWII practice bombs & debris)
79	N079	A	pre-1972	OU-NR2-Open Detonation Trench (detonation of 2.75" rockets)
80	N080	C	pre-1993	OU-NR2-Rocket Motor Burn Site (surface)
81	N081	C	pre-1993	OU-NR2-Rocket Motor Burn Site (surface)
82	N082	C	Unknown	OU-NR2-Rocket Motor Burn Site (surface)
83	N083	C	Unknown	OU-NR2-OB site within open detonation crater (catapult initiators,, gray & white propellant)
84	N084	A	Unknown	OU-NR2-Rocket Motor Burn Site (surface)
85	N085	A	'50s to '60s	OU-NR2-Open Trench Near Fuse Drop Area (rocket launch site)
86	N086	C	'60s to '70s	OU-NR2-Open Trench (open dozer trench minimal sign of disposal)
87	N087	A	Unknown	OU-NR2-Burial Trench (tank treads and partially buried debris)
88	N088	C	Unknown	OU-NR2-Oasis drum burial (55gal drums, unknown number, contents & location)
89	N089	C	Unknown	OU-NR2-Target Tire Circle (surface, on mud/salt flats)

**Table 1 Module VI (continued)
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<u>SWMU Number</u>	<u>AF Site #</u>	<u>Current Status</u>	<u>Period of Operation</u>	<u>OPERABLE UNIT (OU) and DESCRIPTION of SWMU</u>
90	N090	C	pre-1977	OU-NR2-S1 Strafe Shack (tarpaper shack with two open burn piles)
93	N093	C	Unknown	OU-NR2-Open Trench with Debris (unknown history, high explosive residue)
94	N094	A	'60s to '70s	OU-NR2-CBU Valley Debris Trench (open, CBUs, munitions & debris)
96	N096	A	pre-1969	OU-NR2-Burial Trench Near Fuse Drop Site (buried, history unknown)
97	N097	C	pre-1977	OU-NR2-Crater with 55-gallon Drum and Rocket Motor Burn Debris
98	N098E N098W	A A	about 1969	OU-NR2-Concrete pad & Cleared area (Test pad with buried debris)
99	N099	C	'60s to '70s	OU-NR2-Debris filled Crater north of Pad 4
100	N100	A	pre-1977	OU-NR2-Target 18 road (buried inert bombs)
101	N101	C	1940s	OU-NR2-55 gal drums SW of BLM triangle (old banded WD & CWS drums)
102	N102	A	1960 to '73	OU-NR2-Rocket Motor Burn Site (2.75" rockets)
103	N103	A	Unknown	OU-NR2-Craters South of Target 24 (UXO, CAD/PAD items, etc.)
104	N104	C	1940s	OU-NR2-55 gal drums NW of Target 21 (old banded WD & CWS drums)
105	N105	A	1979+/-	OU-NR2-Trenches south of T-13 road (buried debris)

Current Status Codes:

A=CERCLA sites that are currently active in the corrective action process.

C=Closed or No Further Remedial Action Planned (NFRAP).

S=Included in and managed under conditions defined in the UTTR Site Management Plan