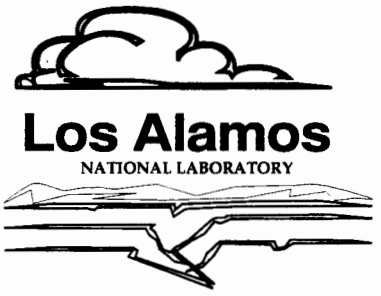
Nov. 1993

Operable Unit Summary

of

Criteria for Prioritization



Nov. 1993

Operable Unit Summary

of

Criteria for Prioritization

OU Summary of Criteria for Prioritization

	VCA'S	NFA'S	TRANSFER OF PROPERTY	SPECIAL CONCERNS	BENEFIT / COST	TECHNOLOGY DEVELOPMENT	NON-DOE PRS'S	ECONOMIES OF SCALE	TOTAL
1049				9			5	20	34
1071	37	6	7	9	5	4	35	7	110
1078	7	14			8		11	5	45
1079	6	4			5		12	12	39
1082	8	49			3	1		17	78
1085	5	8			2			6	21
1086	15	6			8	14		3	46
1093	1	8			1			5	15
1098	4			6	2	5		13	30
1100	5	9		1		1		7	23
1106	37	30	2	1	10	5		40	125
1111		1			2	2		2	7
1114	15	16			4				35
1122	5	7			9	4		10	35
1129	5	9			4			28	46
1130	4	7			7			9	27
1132		1			3	1		3	8
1140	8	7			9			14	38
1144	11	4		6	13	12			46
1147	4	2		9	9	2			26
1148	1	1		2	1	1		4	10
1154	3	2	4		1		4	2	16
1157	15	9			7			1	32
TOTAL	196	200	13	43	113	52	67	208	892

as of: 11/16/93

Operable Unit Summary

of

Voluntary Corrective Action

Site Ranking Sytem (SRS)
Grouped Results

Potential for successful Voluntary Corrective Action.

1071		37
51	OU 1071, 0-011(a) - ordnance impact area	High
49	OU 1071, 26-001 - canyonside disposal area	High
49	SWMU 26-001 Canyonside Disposal Area	High
47	OU 1071, 0-030(b) - Septic System	High
46	OU 1071, 0-011(e) - ordnance impact area	High
44	OU 1071, 0-029(b) - Leakage from PCB	High
44	OU 1071, 0-016 - inactive firing range	High
44	SWMU 0-030(O) - Septic System	High
44	OU 1071, 0-029(c) - leakage from PCB transformers	High
44	OU 1071, 0-029(a) - Leakage from PCB	High
44	OU 1071, 0-030(e) - Septic System	High
44	OU 1071, 0-030(g) - Septic System	High
44	OU 1071, 0-030(h) - Septic System	High
43	OU 1071, 0-030(i) - Septic System	High
42	SWMU 0-030(q) - septic system	High
42	OU 1071, 0-030(c) - Septic System	High
42	OU 1071, 0-030(f) - Septic System	High
40	SWMU 0-030(N) - Septic System	High
39	OU 1071, 0-030(k) - Septic System	High

Site Ranking Sytem (SRS)
Grouped Results

Potential for successful Voluntary Corrective Action.

39	SWMU 0-030(L) - Septic System	High
39	SWMU 0-030(M) - Septic System	High
38	OU 1071, 0-030(a) - Septic System	High
38	OU 1071, 0-030(j) - Septic System	High
38	SWMU 0-030(P) - Septic System	High
38	OU 1071, 0-030(d) - Septic System	High
35	SWMU 73-001 (c) Landfill	High
35	SWMU 73-004 (b) Septic System	High
35	SWMU 73-004 (c) Septic System	High
35	SWMU 73-004 (d) Septic System	High
31	OU 1071, 0-004 - active container storage, 6th St	High
31	OU 1071, 73-005 - surface disposal	High
29	OU 1071, 0-010(b) - landfill	High
29	SWMU 73-004 (a) Septic System	High
28	SWMU 73-003 Truck and Can Cleaning	High
26	OU 1071, 0-003 - decontaminated container storage area	High
26	SWMU 0-034 (b) "Landfill"	High
22	SWMU 73-002 Airport Incinerator	High

Site Ranking Sytem (SRS)
Grouped Results

Potential for successful Voluntary Corrective Action.

1078		7
49	SWMU 1-001(c) Septic Tank 137 / Outfall	High
	Small volume of mixed waste	
49	SWMU 1-001(d) Septic Tank 138 / Outfall	High
	Small volume of mixed waste	
49	SWMU 1-001(f) - Septic Tank 140 / Outfall	High
	Mixed waste unlikely	
38	D Building Subarea	High
	Preliminary rad screening measurements on soil samples are consistent with no health hazard, and so NFA is most probable scenario	
36	SWMU 01-001(o) - J Building Septic Line	High
26	SWMU 01-007(e) - Subsurface Contamination - Sigma Building	High
	High for areas that are accessible; low for areas beneath buildings	
25	01-007(l) - Trinity Drive substrate	High
	Financial constraint is major issue; traffic disruption tolerable; utility disruption potential concern	

1079		6
47	OU 1079, TA-10, Aggregate 1, 4PRSs Former Firing Sites 10-001(a), 10-001(b), 10-001(c), 10-001(d)	High
	The potential for successful VCA addressing firing site shrapnel is high; that for soil remediation is low.	
33	OU 1079, TA-32, Aggregate 10, 2PRSs Former Medical Research Facility Septic System, 32-002(a), 32-002(b)	High

Site Ranking Sytem (SRS)
Grouped Results

Potential for successful Voluntary Corrective Action.

33	OU 1079, TA-45, Aggregate 13, 1 PRS Sanitary Sewer Outfall, 45-004	High
32	OU 1079, TA-31, Aggregate 8, 1 PRS Former Receiving Warehouse Septic System, 31-001	High
28	OU 1079, TA-32, Aggregate 9, 1 PRS Former Incinerator Site, 32-001	High
26	OU 1079, TA-10, Aggregate 4, 1PRS Former Personnel Building Septic System, 10-004(a)	High

If contamination is found, it should be reasonably localized and readily removed.

1082 — 8

72	OU 1082, TA-16, Aggragate 16, 2 PRSs HE Sumps & Outfall @ TA-16-260 16-003(k), & 16-021(c)	High

This area is highly contaminated with HE but would lend itself to remediation through removal and burning or bioremediation.

53	OU 1082, TA-16, Aggragate 41, 1 PRSs MDA P 16-018	High

This unit has been submitted to the State of New Mexico as a RCRA closure.

50	OU 1082, TA-11, Aggragate 34, 15 PRSs TA-11 Firing Site 11-001(a,b), 11-002, 11-003(b), 11-004(a-f), 11-006(a-d), C11-001	High

A VCA at this site is likely to be successful through removal of the chunks of HE.

49	OU 1082, TA-16, Aggragate 38, 7 PRSs Interim Status Units Deferred Characterization 16-010(b,c,d,e,f,j), 16-005(g)	High

See comment below.

Site Ranking Sytem (SRS)
Grouped Results

Potential for successful Voluntary Corrective Action.

47	OU 1082, TA-16, Aggragate 88, 1 PRSs P-Site French Drain 16-003(p)	High
	Based on interviews with WW II employees this PRS likely has high concentrations of HE in the French drain.	
42	OU 1082, TA-16, Aggragate 48, 11 PRSs GMX-3 90's line C-16-067, 16-026(m,n,o,p), 16-029(k,l,q,s,t,u)	High
	These PRSs can be successfully VCAed using existing removal and treatment techniques.	
36	OU 1082, TA-16, Aggragate 60, 1 PRSs Abandoned buildings 16-017	High
	These structures will be removed as part of a D&D project.	
17	OU 1082, TA-16, Aggragate 59, 1 PRSs 16-006(h)	High
	This is a structure will be removed as part of a D&D project.	

1085 — 5

35	OU 1085, TA-12, SWMU 12-001(a)	High
	Cleaning the pit should be straight forward. The actual removal of the steel pit itself would be expensive because of its size and weight. However, the pit could	
28	OU1085, TA-14, Aggregate #3, 4 PRSs C-14-001, -006, -008, -009 Magazines	High
26	OU1085, TA-14, Aggregate #5, 5 PRSs C-14-002, -003, -004, -005, -007 Removed Bldgs	High
24	OU1085, TA-14, Aggregate #4, 2 PRSs 14-006 & 14-010 Decom. Sump	High
	A cleanup of the sump should be easy to do.	
24	OU1085, TA-14, 14-007, Decom. Septic Syst.	High
	Hazardous waste only present here.	

Site Ranking Sytem (SRS)
Grouped Results

Potential for successful Voluntary Corrective Action.

1086		15
51	SWMUs15-004(b), 15-004(c)	High
50	The Hollow, 15-011(c)(b)(a),-014(i)(k)(j)	High
50	Ector, SWMUs15-006(b),-009(h) **Large volume mixed waste.**	High
47	R-44 SWMUs -006(c), -009(c) **Large volume mixed waste.**	High
47	F.S.-A,B, Wash., 15-012(b), -009(j), -004(b), -004(c) **Generate mixed waste.**	High
46	R-44, OU 1086, SWMU 15-008(b) **Small volume of debris most could be hauled off.**	High
42	The Hollow, 15-011(c)(b)(a),-014(i)(k)(j)	High
40	Firing Site C, 15-004(d), 15-004(a)	High
40	MDA-Z, OU 1086, SWMU 15-007(b)	High
39	R-45, 15-006(d), -008(g), -009(b)	High
38	Burn Pit, SWMU 15-002	High
38	R-8, OU 1086, SWMU 15-010(b) **Shed with residual HE.**	High
33	R-22, OU 1086, SWMU 15-008(d)	High
32	HE at F.S.- C, 15-005(c)	High
28	15-007(a),AOC C-15-005,C-15-006, MDA-N	High

Site Ranking Sytem (SRS)
Grouped Results

Potential for successful Voluntary Corrective Action.

1093		1
53	27-003 Bazooka Impact Area	High
	Trained explosive ordnance disposal teams have demonstated high degree of success at cleaning up these area. Work is ongoing as of October 4, 1993.	

1098		4
74	OU 1098, SWMU 2-010, Chemical Shack	High
	Previous VCA conducted, residual contamination with small source term may still exist.	
58	OU 1098, SWMU 41-003, Sump	High
	Remove sump.	
56	OU 1098, SWMU 2-012, Soil Con. Tanks	High
	Remove tank.	
44	OU 1098, SWMU 41-001, Septic System	High
	Remove tank.	

1100		5
38	OU 1100 / 53-009	High
	VCA would involve removal of contaminated soil. Wastes would be hazardous.	
36	OU 1100 / 53-001(a), (b), (e), (g)	High
	If COCs are present, VCA would involve excavation. Waste would be hazardous waste.	
36	OU 1100 / 53-001(c), (d), (k)	High
	If COCs are present, VCA would involve excavation. Waste would be hazardous waste.	
29	OU 1100 / 53-006(a), (b), (c), (d), (e), (f)	High
	VCA would involve removal of tanks and contaminated soil/tuff. Wastes expected to be LLW, possibly mixed.	

Site Ranking Sytem (SRS)
Grouped Results

Potential for successful Voluntary Corrective Action.

26	OU 1100 / 53-010	High
	VCA would involve removal of contaminated soil. Wastes would be hazardous.	
1106		**37**
67	21-011(k), Outfall Bldg. 257	High
54	21-027(a), Historic Outfall	High
53	21-024(i), Septic System/Outfall	High
44	21-013(a), 21-026(a)-(c), Sewage Tr. Plt.	High
42	21-027(b), 24-024(m), Surface Drainage	High
40	21-002(b), Inact. Ctr. Stg. Area	High
39	21-013(f), Surface Disposal	High
39	21-024(a), Septic System/Outfall	High
39	21-024(b), Septic System/Outfall	High
39	21-024(c), Septic System/Outfall	High
39	21-024(d), Septic System/Outfall	High
39	21-024(e), Septic System/Outfall	High
39	21-024(j), (k), Septic System/Outfall	High
39	21-024(o), Septic System/Outfall	High
39	EPA-02A129, EPA Outfall	High
39	EPA-03A035, EPA Outfall	High
39	EPA-03A036, EPA Outfall	High

Site Ranking Sytem (SRS)
Grouped Results

Potential for successful Voluntary Corrective Action.

39	EPA-03A037, EPA Outfall	High
38	21-003, PCB St. Area	High
36	21-006(b), Ether Pit	High
36	21-009 Former Waste Trt. Lab.	High
36	21-013(d), (e), Surface Disposal	High
35	21-013(c), Surface Disposal	High
35	21-024(f), Septic System/Outfall	High
35	21-024(g), Septic System/Outfall	High
35	21-024(h), Septic System/Outfall	High
35	21-024(l), Septic System/Outfall	High
35	21-024(n), Septic System/Outfall	High
35	21-027(d), 21-023(c), Surface Drainage	High
32	21-029, DP Tank Farm	High
31	21-028(d), Ctr. Stg. Area	High
29	21-005, Acid Pit	High
29	21-022(f), Acid Line/Sump	High
	See preceding comment.	
22	21-012(b), Steam Plant - Dry Well	High
21	21-004(b), (c), (d), Above Grnd. Tank & Drain	High
	Wait until D&D.	
18	21-004(a), Above Grnd. Tank	High

Site Ranking Sytem (SRS)
Grouped Results

Potential for successful Voluntary Corrective Action.

14	21-028(c), Active Ctr. Stg. Area	High
	To be coordinated with D&D. Satellite storage areas inside active building.	
1114		**15**
44	OU1114, Aggregate 01, TA-3, 1 PRS 3-050(a)	High
	Area is currently undefined, however once boundary is established, a VCA could be done easily.	
40	OU1114, Aggregate 07, TA-3, 2 PRS 3-054(e), C-3-006	High
	Limited, defined drainage channel, if COCs found over SAL, VCA would be easy to carry out successfully.	
36	OU1114, Aggregate 06, TA-60, 2 PRS 60-007(b), C-60-005	High
	Limited, defined drainage channel, if COCs found over SAL, VCA would be easy to carry out successfully.	
36	OU1114, Aggregate 23, TA-3/-61, 5 PRSs 3-003(a), 3-003(b), 3-056(c), 3-042, 61-001	High
	Areas are reasonably well defined. Once boundaries are established, VCA could be conducted easily.	
35	OU1114, Aggregate 08, TA-3, 1 PRS 3-015	High
	Limited, defined drainage channel, if COCs found over SAL, VCA would be easy to carry out successfully.	
35	OU1114, Aggregate 19, TA-60, 2 PRSs 60-004(c), 60-005(a)	High
	The area is well defined. Once boundaries are established, VCA could be conducted easily.	
33	OU1114, Aggregate 04, TA-3, 1 PRS 3-002(c)	High
	Area of potential contamination is well defined, small area (30 x 30 ft). If charaterization shows levels above the SAL, a VCA will be initiated.	

Site Ranking Sytem (SRS)
Grouped Results

Potential for successful Voluntary Corrective Action.

32	OU1114, Aggregate 14, TA-3, 1 PRS 3-059	High
	Area of potential contamination is defined. If charaterization show sCOCs to be above the SAL, a VCA can be successfully performed.	
29	OU1114, Aggregate 10, TA-3, 5 PRSs 3-003(h), 3-003(j), 3-003(k), 3-003(l), 3-003(m)	High
	Areas of potential contamination are small and well defined. If charaterization show COCs to be above the SAL, a VCA can be successfully performed.	
28	OU1114, Aggregate 13, TA-3, 1 PRS 3-001(i)	High
	Area of potential contamination is well defined. If charaterization shows COCs to be above the SAL, a VCA can be successfully performed.	
26	OU1114, Aggregate 03, TA-3, 1 PRS 3-021	High
	VCA potential is high since we know the boundary and migration pathway of contaminant.	
24	OU1114, Aggregate 11, TA-3, 1 PRS 3-033	High
	Area of potential contamination is small and well defined. If charaterization shows COCs to be above the SAL, a VCA can be successfully performed.	
21	OU1114, Aggregate 02, TA-3, 1 PRSs 3-034(a)	High
	Eventually the RAD waste lines will be removed, either under VCA or D & D.	
17	OU1114, Aggregate 16, TA-60, 1 PRS 60-006(a)	High
	The septic tank can easily be removed through VCA.	
11	OU1114, Aggregate 18, TA-60, 4 PRSs 60-004(b), 60-004(d), 60-004(e), 60-007(a)	High
	If contaminants are found, the area is such that a VCA could successfully be conducted.	

Site Ranking Sytem (SRS)
Grouped Results

Potential for successful Voluntary Corrective Action.

1122		5
29	OU 1122, TA-33, Main Site Subsurface Aggregate #4, 2 PRSs [33-004-a, 33-005-a] **Radioactive, hazardous, mixed waste generation Septic tank cleaning possible, if necessary**	High
28	OU 1122, TA-33, South Site Subsurface berms and landfill, Aggregate #8, 3 PRSs [33-004-b, 33-007-b, 33-008-a] **Hazardous waste generation Clean or yank septic tank**	High
25	OU 1122, TA-33, East Site and NRAO Subsurface Aggregate # 10, 4 PRS [33-004-c, 33-004-m, 33-007-a, 33-008-b] **Radioactive, hazardous, mixed waste generation**	High
22	OU 1122, TA-33, MDA-E, Aggregate #1, 4 PRSs [33-001-a, 33-001-b, 33-001-c, 33-001-d] **Radioactive, hazardous, mixed waste generation (U, Be, Pb, Cd). VCA probable if LANL elects to consolidate MDAs**	High
19	OU 1122, TA-33, South Site Subsurface berms and landfill, Aggregate #8, 3 PRSs [33-004-b, 33-007-b, 33-008-a] **Radioactive, hazardous, mixed waste generation**	High

1129		5
72	OU 1129, TA-35, Group 8 **Potentially leaking lagoons containing an unknown variety of potentially hazardous materials from TA-35, -48, -50, -55, and -64. This is a confined small area**	High
69	OU 1129, TA-48, Group 24 **Free mercury is visible on the surface. Area is confined by structures and limited to ~20 by 15-feet in size. Area was sampled in September '93, follow up sampling**	High

Site Ranking Sytem (SRS)
Grouped Results

Potential for successful Voluntary Corrective Action.

54	OU 1129, TA-52, Group 27	High
	The resulting waste stream would possibly include solvents, chemicals, and radionuclides that may have been introduced to the system from the UHTREX	
49	OU 1129, TA-5, Group 28	High
	A product that would result from VCA includes lead bricks. No other contaminants are known.	
32	OU 1129, TA-63, Group 26	High
	Septic system might contain solvents from a maintenance shop.	
1130		**4**
51	Sump (36-002)	High
	If remediation is required based on COC levels exceeding SALs, removal is a viable action. The waste generated would likely be hazardous.	
44	Boneyard (36-005)	High
	If remediation is required based on the results of a baseline risk assessment, removal is a viable action. The waste generated would likely be low-level rad.	
43	Sump (36-003b)	High
	If remediation is required based on COCs exceeding SALs, removal is a viable action. The waste generated would likely be hazardous.	
17	Portable Vessel (AOC C-36-001)	High
	If remediation is required based on COCs exceeding SALs, removal is a viable action. The waste generated would likely be low-level rad.	

Site Ranking Sytem (SRS)
Grouped Results

Potential for successful Voluntary Corrective Action.

1140		8
50	OU 1140, TA-46, Outfall Aggregate #3, 16 PRSs [46-004-f, 46-004-m, 46-004-q, 46-004-r, 46-004-s, 46-004-t, 46-004-u, 46-004-v, 46-004-w, 46-004-x, 46-004-y, **Radioactive, Hazardous, Mixed** **Contaminants confined to drainage channels.** **Successful VCA likely for individual drainage channels**	High
50	OU 1140, TA-46, Surface Release Aggregate #7, 15 PRSs [46-003-h, 46-006-a, 46-006-b, 46-006-c, 46-006-d, 46-006-f, 46-006-g, 46-007, 46-008-a, 46-008-b, 46-008-d, **Radioactive, Hazardous, Mixed** **Contamination limited to small areas and drainage channels.**	High
50	OU 1140, TA-46, PRS 46-003-f **Radioactive, Hazardous, Mixed** **Contamination probably well confined.**	High
50	OU 1140, TA-46, PRS 46-009-b **Radioactive, Hazardous, Mixed** **Contamination volume moderate (10,000 cu-yd).**	High
42	OU 1140, TA-46, Dry Well Aggregate #1, 4 PRSs [46-004-c, 46-004-d, 46-004-e, 46-004-p] **Radioactive, Hazardous, Mixed** **Recommended for VCA in RFI Work Plan**	High
42	OU 1140, TA-46, Septic with Surface Release Aggregate #6, 2 PRSs [46-003-a, 46-003-g] **Radioactive, Hazardous, Mixed** **Contamination probably well confined.**	High
42	OU 1140, TA-46, PRS 46-003-d **Radioactive, Hazardous, Mixed** **Recommended for VCA in RFI Work Plan**	High

Site Ranking Sytem (SRS)
Grouped Results

Potential for successful Voluntary Corrective Action.

38	OU 1140, TA-46, Septic, Subsurface Only, Aggregate #5, 3 PRSs [46-003-b, 46-003-c, 46-003-e]	High
	Radioactive, Hazardous, Mixed Contamination probably well confined.	

1144		11
39	49-001G Soil Contamination Area 2	High
	Clean up and removal of soil would be straight forward operation.	
38	49-003 Area 11 Leachfield	High
	Clean up relatively easy.	
38	49-008a Area 5 Soil Contamination	High
	Clean up relatively easy.	
38	49-008b Area 6 Soil Contamination	High
	Clean up relatively easy.	
38	49-008c Area 11 Soil Contamination	High
	Clean up relatively easy.	
38	49-008d Area 12 Soil Contamination	High
	Clean up relatively easy.	
31	49-006 Sump Area 5	High
	Low levels of contamination and small area.	
22	49-004 Landfill Area 6	High
	Relatively easy to remove materials.	
22	49-005a&b Landfills	High
	Relatively easy to remove material from landfills.	
18	49-007a&b Septic Systems	High
	System easy to remove.	

Site Ranking Sytem (SRS)
Grouped Results

Potential for successful Voluntary Corrective Action.

11	49-002 Underground Chamber Area 10	High
	Chamber easily filled with soil.	
1147		**4**
51	OU 1147, TA-50, SWMU 50-006(d)	High
	Current discussions with DOE for new Radioactive Liquid Waste Treatment Facility include planning for Voluntary Corrective Action.	
50	OU 1147, TA-50, SWMU 50-006(a)	High
	Current discussions with DOE for new Radioactive Liquid Waste Treatment Facility include planning for Voluntary Corrective Action.	
38	OU 1147, TA-50, Aggregate 5	High
	Current discussions with DOE for new Radioactive Liquid Waste Treatment Facility include planning for Voluntary Corrective Action.	
26	OU 1147, TA-50, SWMU 50-011(a)	High
	Current discussions with DOE for new Radioactive Liquid Waste Treatment Facility include planning for Voluntary Corrective Action.	
1148		**1**
32	OU 1148, TA51 and TA54 West, Agg. #5	High
	Septic system is to be removed with the Laboratory's Sanitary Wastewater Systems Consolidation Program.	
1154		**3**
62	OU 1154, TA57, AGG1, 1PRS	High
	Capping or sludge removal. Hazardous waste likely. Possibly mixed waste.	
28	OU 1154, TA57, AGG3, 1PRS(no number)	High
	Likely to remove tank before winter.	

Site Ranking Sytem (SRS)
Grouped Results

Potential for successful Voluntary Corrective Action.

25	OU 1154, TA57, AGG2, 4PRSs	High
	Hazardous waste likely. Possibly mixed waste.	
1157		**15**
68	OU 1157, TAs-8,-9,-23,and-69,AGG14, 1PRS	High
	Fencing and monitoring if necessary. Not likely to generate any waste--site will remain where it is.	
64	OU 1157, TAs-8,-9,-23, and-69, AGG6, 1PRS	High
	Possible mixed waste.	
61	OU 1157, TAs-8,-9,-23, and-69, AGG7,4PRSs	High
	Hazardous waste only suspected.	
60	OU 1157, TAs-8,-9,-23,and-69, AGG9, 4PRSs	High
	Hazardous waste only expected.	
56	OU 1157, TAs-8,-9,-23, and-69, AGG4, 1PRS	High
	The container is easily removable and contains only hazardous waste.	
54	OU 1157, TAs-8,-9,-23,and-69,AGG15, 1PRS	High
	Hazardous waste only expected.	
51	OU1157,TAs-8,-9,-23,and-69,AGG10,10PRSs	High
	Hazardous and possibly mixed waste.	
50	OU 1157, TAs-8,-9,-23,and-69,AGG13,5PRSs	High
	Hazardous waste suspected. Possibility of mixed waste.	
40	OU 1157, TAs-8,-9,-23, and-69, AGG1, 1PRS	High
	Likely to be hazardous waste only. Potential for mixed waste if depleted uranium is found.	
40	OU 1157,TAs-8,-9,-23,and-69,AGG11, 1PRS	High
	Radiological waste expected. Possibility of mixed waste.	

Site Ranking Sytem (SRS)
Grouped Results

Potential for successful Voluntary Corrective Action.

40	OU 1157, TAs-8,-9,-23,and-69,AGG16,1PRS	High
	Hazardous waste suspected.	
39	OU 1157, TAs-8,-9,-23, and-69, AGG3, 1PRS	High
	This is a septic system that could be pulled. Potential for mixed waste.	
35	OU 1157, TAs-8,-9,-23, and-69,AGG17,1PRS	High
	Hazardous waste suspected.	
29	OU 1157, TAs-8,-9,-23, and-69, AGG8, 1PRS	High
	Likely only radiological contamination.	
21	OU 1157, TAs-8,-9,-23, and-69, AGG5, 1PRS	High
	Radiological contamination suspected.	

1411 General 11-15-93

Operable Unit Summary

of

Grouped Rankings

OU Summary of Grouped Rankings

	>80	76 to 80	71 to 75	66 to 70	61 to 65	56 to 60	51 to 55	46 to 50	41 to 45	36 to 40	31 to 35	26 to 30	21 to 25	< 21	Total
1049				2	1	4	5	4	4						20
1071						1	2	8	15	17	16	5	1		65
1078								4		10	3	2	1		20
1079								1	2		5	4			12
1082			1				4	5	4	10	12	14	29	9	88
1085									2		2	5	6		15
1086						1	1	8	2	5	2	1			20
1093							1	2	1	4	3	5			16
1098		2	8			2			1						13
1100				1				1	5	6		3			16
1106				1		2	2	3	5	22	15	3	5	3	61
1111						1	1	2		2					6
1114									2	3	9	3	4	2	23
1122							1	2		3		2	2	2	12
1129			2	5	2	4	11	3			2				29
1130				1	1	1	1		4					1	9
1132					3					1					4
1136	NFA														0
1140						2	1	6	3	1	1				14
1144										6	1	6	2	2	17
1147						1	1	1	1	2	1	2			9
1148					1	1	1				1		1		5
1154	Fenton Hill				1						1	1	1		4
1157				1	2	2	2	1		7	1	1	1		18
Total	0	2	11	11	11	22	34	51	51	99	75	57	53	19	496

as of: 11/15/93

aggregations included - not total SWMU count
no NFAs based on archival

Site Ranking Sytem (SRS)
Grouped Results
Operable Unit: 1049

Maximum 69		Minimum 44
PRS	**RANKING**	**COUNT**
66 to 70		2
OU 1049 Mortandad Canyon PRS C-0-008	69	
OU 1049 Los Alamos Canyon PRS C-0-006	68	
61 to 65		1
OU 1049 Pajarito Canyon PRS C-0-011	65	
56 to 60		4
OU 1049 Sediment Traps Mortandad PRS 0-001	57	
OU 1049 Acid and Pueblo Canyons PRS C-0-005	57	
OU 1049 Sandia Canyon PRS C-0-007	57	
OU 1049 Canada del Buey PRS C-0-009	56	
51 to 55		5
OU 1049 Guaje Canyon PRS C-0-001	54	
OU 1049 Water Canyon PRS C-0-016	54	
OU 1049 Ancho Canyon PRS C-0-018	54	
OU 1049 Chaquehui Canyon PRS C-0-019	54	
OU 1049 Potrillo Canyon PRS C-0-013	53	
46 to 50		4
OU 1049 Bayo Canyon PRS C-0-004	50	
OU 1049 Three Mile Canyon PRS C-0-012	50	
OU 1049 Rendija Canyon PRS C-0-002	49	
OU 1049 Canon de Valle PRS C-0-014	46	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1071

Maximum 57		Minimum 22
PRS	**RANKING**	**COUNT**
56 to 60		1
OU 1071, 0-018(b) - active (Bayo) wastewater treatment plant	57	
51 to 55		2
OU 1071, 0-011(d) - ordnance impact area	51	
OU 1071, 0-011(a) - ordnance impact area	51	
46 to 50		8
OU 1071, 0-018(a) "active" (pueblo) wastewater treatment plant	49	
OU 1071, 26-001 - canyonside disposal area	49	
SWMU 26-001 Canyonside Disposal Area	49	
SWMU C - 0-020 Ordnance Impact Area	49	
OU 1071, 0-030(b) - Septic System	47	
OU 1071, 0-011(e) - ordnance impact area	46	
OU 1071, 73-001(a) - landfill	46	
SWMU 73-001 (d) Landfill	46	
41 to 45		15
OU 1071, 0-029(b) - Leakage from PCB	44	
OU 1071, 0-016 - inactive firing range	44	
SWMU 0-030(O) - Septic System	44	
OU 1071, 0-029(c) - leakage from PCB transformers	44	
OU 1071, 0-029(a) - Leakage from PCB	44	
OU 1071, 0-030(e) - Septic System	44	
OU 1071, 0-030(g) - Septic System	44	

Site Ranking Sytem (SRS)
Grouped Results
Operable Unit: 1049

PRS	RANKING	COUNT
41 to 45		4
OU 1049 Barrancas Canyon PRS C-0-003	44	
OU 1049 Two Mile Canyon PRS C-0-010	44	
OU 1049 Fence Canyon PRS C-0-015	44	
OU 1049 Indio Canyon PRS C-0-017	44	

Site Ranking Sytem (SRS)
Grouped Results
Operable Unit: 1071

PRS	RANKING	COUN
OU 1071, 0-030(h) - Septic System	44	
OU 1071, 0-019 Decommissioned wastewater treatment plant	43	
OU 1071, 0-030(i) - Septic System	43	
OU 1071, 0-011(c) - ordnance impact area	43	
SWMU 0-030(q) - septic system	42	
SWMU 19-002 Surface Disposal	42	
OU 1071, 0-030(c) - Septic System	42	
OU 1071, 0-030(f) - Septic System	42	
36 to 40		17
SWMU 0-030(N) - Septic System	40	
SWMU 26-002 (a) Sump System	40	
SWMU 26-002 (b) Sump System	40	
OU 1071, 0-028(b) - LA County Recreation Areas	39	
OU 1071, 0-030(k) - Septic System	39	
SWMU 0-030(L) - Septic System	39	
SWMU 0-030(M) - Septic System	39	
SWMU 19-003 Drainline and Outfall	39	
SWMU C-19-001 Potential Soil Contamination	39	
OU 1071, 0-030(a) - Septic System	38	
OU 1071, 0-030(j) - Septic System	38	
SWMU 0-030(P) - Septic System	38	
SWMU 73-006 Airport Building Outfalls	38	
SWMU 26-003 Septic System	38	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1071

PRS	RANKING	COUNT
OU 1071, 0-030(d) - Septic System	38	
OU 1071, 0-017 - waste lines	36	
OU 1071, 0-012 - W. steam plant	36	
31 to 35		16
SWMU 19-001 Septic System	35	
SWMU 0-034 (a) "Landfill"	35	
SWMU 73-001 (c) Landfill	35	
SWMU 73-004 (b) Septic System	35	
SWMU 73-004 (c) Septic System	35	
SWMU 73-004 (d) Septic System	35	
OU 1071, 0-028(a) - LA County Recreation Areas	33	
OU 1071, 0-031(a) - soil contamination beneath former service station	33	
SWMU 0-031(a) - Soil Contamination beneath former service station	33	
SWMU 0-031(b) - Soil Contamination beneath former service station	33	
SWMU 0-032 - Soil Contamination beneath former motorpool facility	33	
SWMU 0-033 - Soil Contamination beneath former ZIA warehouse	33	
OU 1071, 0-027 - DP Rd. Storage Area	32	
SWMU 73-001 (b) Waste Oil Pit	32	
OU 1071, 0-004 - active container storage, 6th St	31	
OU 1071, 73-005 - surface disposal	31	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1071

PRS	RANKING	COUNT
26 to 30		5
OU 1071, 0-010(b) - landfill	29	
SWMU 73-004 (a) Septic System	29	
SWMU 73-003 Truck and Can Cleaning	28	
OU 1071, 0-003 - decontaminated container storage area	26	
SWMU 0-034 (b) "Landfill"	26	
21 to 25		1
SWMU 73-002 Airport Incinerator	22	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1078

Maximum 49		Minimum 25
PRS	**RANKING**	**COUNT**
46 to 50		4
SWMU 1-001(c) Septic Tank 137 / Outfall	49	
SWMU 1-001(d) Septic Tank 138 / Outfall	49	
SWMU 1-001(f) - Septic Tank 140 / Outfall	49	
SWMU 01-003(a) - Bailey Bridge Canyon	47	
36 to 40		10
SWMU 01-006(o) - Amistad Storm Drain and Outfall	40	
SWMU 01-001(e) - Septic Tank 139	38	
SWMU 01-003(d) - Can Dump Site	38	
SWMU 01-003(e) - SE LA Inn Disposal Site	38	
SWMU 01-001(a) - Septic Tank 134	38	
SWMU 01-001(g) - Septic Tank 141	38	
SWMU 01-006(a) - Cooling Tower 80 Drain	38	
D Building Subarea	38	
SWMU 01-006(g) - Storm Drain SE Los Arbol	38	
SWMU 01-001(o) - J Building Septic Line	36	
31 to 35		3
SWMU 01-002 - Industrial Waste Line	32	
Aggregate N - Western Sanitary Waste Line	32	
SWMU 01-006(h)	32	
26 to 30		2
SWMU 01-007(d) - Subsurface Contamination - H/Theta Buildings	26	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1078

PRS	RANKING	COUNT
SWMU 01-007(e) - Subsurface Contamination - Sigma Building	26	
21 to 25		1
01-007(l) - Trinity Drive substrate	25	

Site Ranking Sytem (SRS)
Grouped Results
Operable Unit: 1079

Maximum 47		Minimum 26
PRS	**RANKING**	**COUNT**
46 to 50		**1**
OU 1079, TA-10, Aggregate 1, 4PRSs Former Firing Sites 10-001(a), 10-001(b), 10-001(c). 10-001(d)	47	
41 to 45		**2**
O1079, TA-45, Aggregate 11, 4 PRSs Radioacive Liquid Waste Treatment Area, 1-002, 45-001. 45-003. C-45-001	43	
OU 1079, TA-45, Aggregate 12, 1 PRS Former Vehicle Decontamination Facility, 45-002	43	
31 to 35		**5**
OU 1079, TA-10, Aggregate 2, 2PRSs Former Solid Waste Pits 10-002(a), 10-002(b)	35	
OU 1079, TA-10, Aggregate 3, 16 PRSs Former Liquid Rad Disposal System, 10-003(a-o); and 10-007. 1963 D&D Landfill	35	
OU 1079, TA-32, Aggregate 10, 2PRSs Former Medical Research Facility Septic System, 32-002(a). 32-002(b)	33	
OU 1079, TA-45, Aggregate 13, 1 PRS Sanitary Sewer Outfall, 45-004	33	
OU 1079, TA-31, Aggregate 8, 1 PRS Former Receiving Warehouse Septic System, 31-001	32	
26 to 30		**4**
OU 1079, TA-10, Aggregate 6, 1PRS Former Firing Site Debris Disposal Pit, 10-005	28	
OU 1079, TA-32, Aggregate 9, 1 PRS Former Incinerator Site, 32-001	28	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1079

PRS	RANKING	COUNT
OU 1079, TA-10, Aggregate 4, 1PRS Former Personnel Building Septic System, 10-004(a)	26	
OU 1079, TA-10, Aggregate 5, 1PRS Former Radiochemistry Lab Septic System, 10-004(b)	26	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1082

Maximum 72 | Minimum 15

PRS	RANKING	COUNT
71 to 75		1
OU 1082, TA-16, Aggragate 16, 2 PRSs HE Sumps & Outfall @ TA-16-260 16-003(k), & 16-021(c)	72	
51 to 55		4
OU 1082, TA-16, Aggragate 24, 1 PRSs Photoprocessing Facility 16-020	53	
OU 1082, TA-16, Aggragate 26, 8 PRSs Burning Ground 16-010(a,h,i,k,l,m,n), &16-016(c)	53	
OU 1082, TA-16, Aggragate 41, 1 PRSs MDA P 16-018	53	
OU 1082, TA-16, Aggragate 27, 0 PRSs Canon de Valle	51	
46 to 50		5
OU 1082, TA-11, Aggragate 34, 15 PRSs TA-11 Firing Site 11-001(a,b), 11-002, 11-003(b), 11-004(a-f). 11-006(a-d). C11-001	50	
OU 1082, TA-16, Aggragate 11, 2 PRSs HE Sumps & Outfalls 16-003(n,o)	49	
OU 1082, TA-16, Aggragate 38, 7 PRSs Interim Status Units Deferred Characterization 16-010(b.c.d.e.f.i). 16-005(a)	49	
OU 1082, TA-16, Aggragate 88, 1 PRSs P-Site French Drain 16-003(p)	47	
OU 1082, TA-16, Aggragate 8, 2 PRSs HE Sumps & Outfalls 16-003(i, j)	46	
41 to 45		4
OU 1082, TA-13 & 16, Aggragate 33, 5 PRSs TA-13 P-Site 13-001, 13-002, 13-004, 16-035, & 16-036	43	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1082

PRS	RANKING	COUNT
OU 1082, TA-16, Aggregate 3, 1 PRSs HE Sumps & Outfalls 16-003(a)	42	
OU 1082, TA-16, Aggragate 9, 2 PRSs HE Sumps & Outfalls 16-003(l), & 16-030(h)	42	
OU 1082, TA-16, Aggragate 48, 11 PRSs GMX-3 90's line C-16-067, 16-026(m,n,o,p), 16-029(k.l.a.s.t.u)	42	
36 to 40		10
OU 1082, TA-16, Aggragate 6, 5 PRSs HE Sumps & Outfalls 16-003(d,e,f,g), & Drywell 16-001(e)	40	
OU 1082, TA-16, Aggragate 78, 4 PRSs TA-16-260 Year 3 SWMU 16-026(k2), 16-029(j), 16-031(b), C-16-002	40	
OU 1082, TA-16, Aggragate 5, 2 PRSs HE Sumps & Outfalls 16-003(c), 16-026(v)	39	
OU 1082, TA-16, Aggragate 10, 2 PRSs HE Sumps & Outfalls 16-003(m), & 16-030(g)	39	
OU 1082, TA-16, Aggragate 25, 6 PRSs Wastewater Treatment Fac. 16-004(a-f)	39	
OU 1082, TA-16, Aggragate 81, 1 PRSs TA-16-560 Year 3 SWMU 16-031(e)	38	
OU 1082, TA-16, Aggragate 12, 8 PRSs HE Sumps & Outfalls 16-026(b,c,d,e), & 16-029(a.b.c.d)	36	
OU 1082, TA-16, Aggragate 28, 1 PRSs MDA R 16-019	36	
OU 1082, TA-16, Aggragate 60, 1 PRSs Abandoned buildings 16-017	36	
OU 1082, TA-16, Aggragate 61, 9 PRSs 220 Line Year 3 SWMU 16-016(d), 16-026(i, j, k, l), 16-028(c), 16-030(c. e. f)	36	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1082

PRS	RANKING	COUNT
31 to 35		12
OU 1082, TA-16, Aggragate 4, 1 PRSs HE Sumps & Outfalls 16-003(b)	35	
OU 1082, TA-16, Aggragate 32, 2 PRSs Waste Water Ponds 16-007(a), & 16-008(a)	35	
OU 1082, TA-16, Aggragate 58, 8 PRSs V-Site 16-006(g), 16-025(x), 16-029(w,x), 16-031(c), C-16-068. C-16-074. C-25-001	35	
OU 1082, TA-16, Aggregate 1, 3 PRSs Blowdown tanks & drywells 16-001(a,b,c)	33	
OU 1082, TA-16, Aggragate 80, 3 PRSs TA-16-340 Line Year 3 SWMU 16-029(i), 16-030(a, b)	33	
OU 1082, TA-16, Aggragate 7, 2 PRSs HE Sumps & Outfalls 16-003(h), &16-030(d)	31	
OU 1082, TA-16, Aggragate 15, 1 PRSs HE Sumps & Outfalls 16-029(g)	31	
OU 1082, TA-16, Aggragate 22, 1 PRSs Septic Systems 16-006(e)	31	
OU 1082, TA-16, Aggragate 29, 1 PRSs Surface Waste Disposal Area 16-009	31	
OU 1082, TA-16, Aggragate 45, 10 PRSs GMX-3 North/South/East/West 16-025(d,g,h,i,j), 16-029(m.n.o.p). 16-029(h2)	31	
OU 1082, TA-16, Aggragate 57, 14 PRSs T-Site 16-005(j, m), 16-024(f, g, h,), 16-025(m, n, o), 16-034(b. c. d. e. f). C-16-017	31	
OU 1082, TA-16, Aggragate 74, 3 PRSs TA-16-410 Line Year 3 SWMU 16-026(y,e2, f2)	31	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1082

PRS	RANKING	COUNT
26 to 30		14
OU 1082, TA-16, Aggragate 63, 4 PRSs TA-16-370 Year 3 SWMU 16-016(g), 16-026(a), 16-028(b), 16-031(a)	29	
OU 1082, TA-16, Aggragate 47, 6 PRSs GMX-3 buildings w/o sumps 16-024(b,c,d), 16-025(a,b), C-16-064	28	
OU 1082, TA-16, Aggragate 68, 8 PRSs TA-16 Admin Area Magazines Year 3 SWMU 16-024(i, j, t, v). 16-025(e2. f2. g2. h2)	28	
OU 1082, TA-16, Aggragate 71, 1 PRSs Firehouse Year 3 SWMU 16-026(r)	28	
OU 1082, TA-16, Aggragate 84, 6 PRSs TA-16 Year 3 Old Firehouse 16-034(h, i, j, k), C-16-11, C-16-16	28	
OU 1082, TA-16, Aggragate 31, 1 PRSs Surface Waste Disposal Area 16-016(b)	26	
OU 1082, TA-11, Aggragate 36, 6 PRSs Potential Surface Contamination 11-001(c), 11-012(a-d), C-11-002	26	
OU 1082, TA-16, Aggragate 42, 12 PRSs GMX-3 20's line 16-005(d), 16-025(k,l), 16-026(q), 16-029(r.f2). 16-032(c). 16-032(d). 16-034(a).	26	
OU 1082, TA-16, Aggragate 43, 3 PRSs GMX-3 30's line 16-024(e), 16-025(e,f)	26	
OU 1082, TA-16, Aggragate 44, 12 PRSs GMX-3 40's line 16-025(p,q,r,u,v), 16-026(w), 16-029(z), 16-032(a). 16-005(c). 16-025(s). 16-034(l. p)	26	
OU 1082, TA-16, Aggragate 49, 3 PRSs GMX-2 West 16-025(t), 16-029(y), 16-024(k)	26	
OU 1082, TA-16, Aggragate 50, 12 PRSs GMX-2 East 16-005(e), 16-015(c), 16-024(l, m, n), 16-025(w. v. z). 16-029(a2. c2). 16-034(m. n.)	26	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1082

PRS	RANKING	COUNT
OU 1082, TA-16, Aggragate 51, 14 PRSs GMX-2 South [redacted]015(d),16-024(o, p, q, r), 16-025(a2, b2, c2). 16-029(v. b2. d2. e2). 16-034(o). C-16-005.	26	
OU 1082, TA-16, Aggragate 52, 4 PRSs Administrative Area 16-015(a, b), 16-026(s), C-16-028	26	
21 to 25		29
OU 1082, TA-16, Aggragate 13, 2 PRSs HE Sumps & Outfalls 16-029(e), & 16-026(h2)	25	
OU 1082, TA-16, Aggragate 14, 2 PRSs HE Sumps & Outfalls 16-029(f), & 16-026(j2)	25	
OU 1082, TA-11, Aggragate 35, 4 PRSs TA-11 Outfalls 11-005(c), 11-011(a,b,& d)	25	
OU 1082, TA-16, Aggragate 37, 1 PRSs Decomissioned Waste Storage Area 16-013	25	
OU 1082, TA-11, Aggragate 39, 1 PRSs Container Storage Area 11-010(b)	25	
OU 1082, TA-11, Aggragate 40, 1 PRSs Boiler Discharge 11-011(c)	25	
OU 1082, TA-16, Aggragate 46, 2 PRSs GMX-3 incinerators 16-011, 16-023(b)	25	
OU 1082, TA-16, Aggragate 64, 5 PRSs TA-16-430 Line Year 3 SWMU 16-021(b), 16-024(s), 16-026(x, d2). C-16-071	25	
OU 1082, TA-16, Aggragate 69, 2 PRSs 300 Line Year 3 SWMU 16-026(f), 16-026(z)	25	
OU 1082, TA-16, Aggragate 70, 3 PRSs 280 Line Year 3 SWMU 16-026(g, h, g2)	25	
OU 1082, TA-16, Aggragate 72, 1 PRSs TA-16-207 Year 3 SWMU 16-026(t)	25	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1082

PRS	RANKING	COUNT
OU 1082, TA-16, Aggragate 73, 1 PRSs TA-16-195 Year 3 SWMU 16-026(u)	25	
OU 1082, TA-16, Aggragate 75, 1 PRSs TA-16-200 Year 3 SWMU 16-026(a2)	25	
OU 1082, TA-16, Aggragate 76, 2 PRSs TA-16-202 Year 3 SWMU 16-026(b2), 16-028(d)	25	
OU 1082, TA-16, Aggragate 77, 1 PRSs TA-16-462 Year 3 SWMU 16-026(c2)	25	
OU 1082, TA-16, Aggragate 79, 2 PRSs TA-16-450 Year 3 SWMU 16-028(e), 16-003(q)	25	
OU 1082, TA-16, Aggragate 86, 3 PRSs TA-16 Year 3 Oil Switchs C-16-047, C-16-051, C-16-058	25	
OU 1082, TA-16, Aggragate 87, 1 PRSs Cross-over Platform C-16-061	25	
OU 1082, TA-16, Aggregate 2, 1 PRSs Blowdown tanks & drywells 16-001(d)	24	
OU 1082, TA-11, Aggragate 17, 2 PRSs Septic Systems 11-005(a,b)	24	
OU 1082, TA-16, Aggragate 23, 1 PRSs Materials Testing Lab 16-021(a)	24	
OU 1082, TA-16, Aggragate 54, 1 PRSs Septic System 16-005(f)	24	
OU 1082, TA-16, Aggragate 62, 2 PRSs TA-16-360 Year 3 SWMU 16-016(e, f)	24	
OU 1082, TA-16, Aggragate 85, 1 PRSs TA-16 Year 3 Aboveground Tank 16-037	24	
OU 1082, TA-16, Aggragate 19, 2 PRSs Septic Systems 16-006(a), 16-026(i2)	21	
OU 1082, TA-16, Aggragate 30, 1 PRSs Surface Waste Disposal Area 16-016(a)	21	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1082

PRS	RANKING	COUNT
OU 1082, TA-16, Aggragate 65, 1 PRSs TA-16-205 Year 3 SWMU 16-022(a)	21	
OU 1082, TA-16, Aggragate 66, 1 PRSs TA-16-196 Year 3 SWMU 16-022(b)	21	
OU 1082, TA-16, Aggragate 67, 8 PRSs TA-16-488 P-Site Year 3 SWMU 16-024(a,u), 16-025(d2), 16-029(h). 16-031(h). C-16-049. C-16-050.	21	
	≤ 20	9
OU 1082, TA-16, Aggragate 21, 1 PRSs Septic Systems 16-006(d)	19	
OU 1082, TA-16, Aggragate 82, 1 PRSs TA-16-21 Year 3 SWMU 16-031(f)	19	
OU 1082, TA-16, Aggragate 83, 13 PRSs TA-16 Year 3 Decommissioned fuel Tanks SWMU 16-033(a. b. c. d. e. f. g. h. i. j). C-16-070. C-16-072.	19	
OU 1082, TA-16, Aggragate 53, 1 PRSs Septic System 16-005(a)	17	
OU 1082, TA-16, Aggragate 55, 1 PRSs Septic System 16-005(k)	17	
OU 1082, TA-16, Aggragate 56, 1 PRSs Septic System 16-005(l)	17	
OU 1082, TA-16, Aggragate 59, 1 PRSs 16-006(h)	17	
OU 1082, TA-13, Aggragate 18, 2 PRSs Septic Systems 13-003(a,b), 16-005(i)	15	
OU 1082, TA-16, Aggragate 20, 1 PRSs Septic Systems 16-006(c)	15	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1085

Maximum 43		Minimum 22
PRS	**RANKING**	**COUNT**
41 to 45		2
OU 1085, TA-12, 12-001(b)	43	
OU1085, TA-14, 14-009, Surface Disposal	43	
31 to 35		2
OU 1085, TA-12, SWMU 12-001(a)	35	
OU1085, TA-14, 14-001g Firing Site	33	
26 to 30		5
OU1085, TA-14, Aggregate #2, 6 PRs 14-002 a, b, c, d, e, f Decom. Firing Sites	29	
OU1085, TA-14, 14-005, Incinerator	28	
OU1085, TA-14, Aggregate #3, 4 PRSs C-14-001, -006, -008, -009 Magazines	28	
OU1085, TA-14, 14-003 Trash Burning Area	26	
OU1085, TA-14, Aggregate #5, 5 PRSs C-14-002, -003, -004, -005, -007 Removed Bldgs	26	
21 to 25		6
OU 1085, TA-12, Aggregate 6 C-12-001 through C-12-005	24	
OU1085, TA-14, Aggregate #1, 5 PRSs 14-001a, b, c, d, e 5 Pullboxes	24	
OU1085, TA-14, 14-001f Gun Firing Site	24	
OU1085, TA-14, Aggregate #4, 2 PRSs 14-006 & 14-010 Decom. Sump	24	
OU1085, TA-14, 14-007, Decom. Septic Syst.	24	
OU 1085, TA-12, 12-004(a)	22	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1086

Maximum 56		Minimum 28
PRS	**RANKING**	**COUNT**
56 to 60		**1**
F.S. E-F, 15-004(f),-008(a),-009(e)	56	
51 to 55		**1**
SWMUs15-004(b), 15-004(c)	51	
46 to 50		**8**
The Hollow, 15-011(c)(b)(a),-014(i)(k)(j)	50	
Ector, SWMUs15-006(b),-009(h)	50	
PHERMEX, 15-003, 006(a), 009(g)	49	
R-44 SWMUs -006(c), -009(c)	47	
F.S.-A,B, Wash., 15-012(b), -009(j), -004(b), -004(c)	47	
R-44, OU 1086, SWMU 15-008(b)	46	
F.S. G,15-004(g),-008(c),-009(i),-001,15-001	46	
F.S.-H,15-004(h),15-010(c),AOC C-15-011	46	
41 to 45		**2**
The Hollow, 15-011(c)(b)(a),-014(i)(k)(j)	42	
R-183, 15-005(b),-009(k),-014(a)(b),-009(f)	42	
36 to 40		**5**
Firing Site C, 15-004(d), 15-004(a)	40	
MDA-Z, OU 1086, SWMU 15-007(b)	40	
R-45, 15-006(d), -008(g), -009(b)	39	
Burn Pit, SWMU 15-002	38	
R-8, OU 1086, SWMU 15-010(b)	38	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1086

PRS	RANKING	COUNT
31 to 35		2
R-22, OU 1086, SWMU 15-008(d)	33	
HE at F.S.- C, 15-005(c)	32	
26 to 30		1
15-007(a),AOC C-15-005,C-15-006, MDA-N	28	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1093

Maximum 53		Minimum 26
PRS	**RANKING**	**COUNT**
51 to 55		1
27-003 Bazooka Impact Area	53	
46 to 50		2
18-001(a) Inactive sewage lagoons	49	
27-002 Abandoned Firing Sites	47	
41 to 45		1
18-002 (a, b, c) Abandoned Firing Sites	44	
36 to 40		4
18-003 a, b,c,d Active septic systems	40	
18-010(b,c,d,e,f) Storm drain outfalls	39	
18-011, Potential soil contamination	38	
18-012(a,b,c) Drain Lines	38	
31 to 35		3
18-005(a) Former magazine site	35	
27-001, Buried naval guns	35	
18-007 Buried armored vehicle	33	
26 to 30		5
18-001(b)- Inactive sanitary waste line	29	
18-008 Underground storage tank	29	
18-003(e,f) inactive septic tanks	28	
18-004(a,b) decommissioned waste tanks	28	
18-003(g,h) active manholes in sewer line	26	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1098

Maximum 76		Minimum 44
PRS	**RANKING**	**COUNT**
76 to 80		2
OU 1098, SWMU 2-005; Cool.Tow.Drift Loss	76	
OU 1098, SWMU 2-009, Operational Rel.	76	
71 to 75		8
OU 1098, SWMU 41-002, Sewage Tr.Plt.	75	
OU 1098, SWMU 2-003; Decom. React Was.	74	
OU 1098, SWMU 2-006, Drains	74	
OU 1098, SWMU 2-008, Outfalls	74	
OU 1098, SWMU 2-011, StormDrains& Outfl.	74	
OU 1098, SWMU 2-010, Chemical Shack	74	
OU 1098, SWMU 2-007, Decom.Septic Sys.	72	
OU 1098, SWMU 2-004; Omg. Wst. React.	71	
56 to 60		2
OU 1098, SWMU 41-003, Sump	58	
OU 1098, SWMU 2-012, Soil Con. Tanks	56	
41 to 45		1
OU 1098, SWMU 41-001, Septic System	44	

Site Ranking Sytem (SRS)
Grouped Results
Operable Unit: 1100

Maximum 67		Minimum 26
PRS	**RANKING**	**COUNT**
66 to 70		1
OU 1100 / 53-002(a), (b)	67	
46 to 50		1
OU 1100 / 20-002(a), (b), (c), (d)	49	
41 to 45		5
OU 1100 / 20-003(b)	44	
OU 1100 / 20-003(c)	44	
OU 1100 / 20-004	44	
OU 1100 / 53-012(e)	43	
OU 1100 / 72-001	42	
36 to 40		6
OU 1100 / 20-001(a), (b), (c)	40	
OU 1100 / 20-005	40	
OU 1100 / 53-008	38	
OU 1100 / 53-009	38	
OU 1100 / 53-001(a), (b), (e), (g)	36	
OU 1100 / 53-001(c), (d), (k)	36	
26 to 30		3
OU 1100 / 53-005	29	
OU 1100 / 53-006(a), (b), (c), (d), (e), (f)	29	
OU 1100 / 53-010	26	

Site Ranking Sytem (SRS)
Grouped Results
Operable Unit: 1106

Maximum 67		Minimum 14
PRS	**RANKING**	**COUNT**
66 to 70		1
21-011(k), Outfall Bldg. 257	67	
56 to 60		2
21-016(a)-(c),21-011(c),21-28(a), Area T	57	
21-015, MDA B	56	
51 to 55		2
21-027(a), Historic Outfall	54	
21-024(i), Septic System/Outfall	53	
46 to 50		3
21-014, MDA A	50	
21-007; 21-008; 21-019(a)-(m); 21-021,Airbn	47	
21-017(a)-(c), MDA U	47	
41 to 45		5
21-013(a), 21-026(a)-(c), Sewage Tr. Plt.	44	
21-013(b),(g), Surface Disposal Near Area V	44	
21-011(a,d-j); C-21-05, 07, 33 New Liq.Fac.	42	
21-018(a), (b), MDA V	42	
21-027(b), 24-024(m), Surface Drainage	42	
36 to 40		22
21-002(b), Inact. Ctr. Stg. Area	40	
21-013(f), Surface Disposal	39	
21-021	39	

Site Ranking Sytem (SRS)
Grouped Results
Operable Unit: 1106

PRS	RANKING	COUNT
21-024(a), Septic System/Outfall	39	
21-024(b), Septic System/Outfall	39	
21-024(c), Septic System/Outfall	39	
21-024(d), Septic System/Outfall	39	
21-024(e), Septic System/Outfall	39	
21-024(j), (k), Septic System/Outfall	39	
21-024(o), Septic System/Outfall	39	
21-027(c), Surface Drainage	39	
EPA-02A129, EPA Outfall	39	
EPA-03A035, EPA Outfall	39	
EPA-03A036, EPA Outfall	39	
EPA-03A037, EPA Outfall	39	
EPA-04A142, EPA Outfall	39	
21-003, PCB St. Area	38	
21-006(b), Ether Pit	36	
21-009 Former Waste Trt. Lab.	36	
21-010(a)-(h); C-21-34 - C-21-37/Liq.Waste	36	
21-011(b), Acid Tank and Sump	36	
21-013(d), (e), Surface Disposal	36	
31 to 35		15
21-006(a), (c), (d), Unmarked Seepage Pits	35	
21-006(e), (f), Unmarked Seepage Pits	35	
21-013(c), Surface Disposal	35	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1106

PRS	RANKING	COUNT
21-024(f), Septic System/Outfall	35	
21-024(g), Septic System/Outfall	35	
21-024(h), Septic System/Outfall	35	
21-024(l), Septic System/Outfall	35	
21-024(n), Septic System/Outfall	35	
21-027(d), 21-023(c), Surface Drainage	35	
21-020(a), FIlter Bldg. 21-12	33	
21-002(a), Misc. Ctr. Stg. Areas	32	
21-020(b), Filter Bldg. 153	32	
21-029, DP Tank Farm	32	
21-001, Rad. Waste Ctr. Stg.	31	
21-028(d), Ctr. Stg. Area	31	
26 to 30		3
21-005, Acid Pit	29	
21-022(a), Acid Waste Line/Sumps	29	
21-022(f), Acid Line/Sump	29	
21 to 25		5
21-022(b)-(e), (g), Acid Sump Drain Lines	25	
21-012(b), Steam Plant - Dry Well	22	
21-022(h-j), Acid lines/sump	22	
21-004(b), (c), (d), Above Grnd. Tank & Drain	21	
C-21-001, 006, 027, AOC's Assoc.Bldg. D&D	21	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1106

PRS	RANKING	COUNT
≤ 20		3
21-023(a), (b), (d), Decomiss.Septic Sys.	19	
21-004(a), Above Grnd. Tank	18	
21-028(c), Active Ctr. Stg. Area	14	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1111

Maximum 56		Minimum 40
PRS	**RANKING**	**COUNT**
56 to 60		1
OU 1111, TA-22, Aggregate B	56	
51 to 55		1
OU 1111, TA-40, Aggregate D	53	
46 to 50		2
OU 1111, TA-22, SWMU 22-015(c)	50	
OU 1111, TA-22 and TA-40, Aggregate C	46	
36 to 40		2
OU 1111, TA-6, Aggregate 1	40	
OU 1111, TA-6, Aggregate A	40	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1114

Maximum 44		Minimum 11
PRS	**RANKING**	**COUNT**
41 to 45		2
OU1114, Aggregate 01, TA-3, 1 PRS 3-050(a)	44	
OU1114, Aggregate 15, TA-3, 29 PRSs 3-014(a), 3-014(b), 3-014(c), 3-014(d) 3-014(e). 3-014(f). 3-014(g). 3-014(h). 3-014(i).	43	
36 to 40		3
OU1114, Aggregate 07, TA-3, 2 PRS 3-054(e), C-3-006	40	
OU1114, Aggregate 06, TA-60, 2 PRS 60-007(b), C-60-005	36	
OU1114, Aggregate 23, TA-3/-61, 5 PRSs 3-003(a), 3-003(b), 3-056(c), 3-042, 61-001	36	
31 to 35		9
OU1114, Aggregate 08, TA-3, 1 PRS 3-015	35	
OU1114, Aggregate 17, TA-3, 1 PRS 3-052(b)	35	
OU1114, Aggregate 19, TA-60, 2 PRSs 60-004(c), 60-005(a)	35	
OU1114, Aggregate 22, TA-3, 1 PRS 3-054(b)	35	
OU1114, Aggregate 04, TA-3, 1 PRS 3-002(c)	33	
OU1114, Aggregate 12, TA-3, 3 PRSs 3-012(b), 3-045(b), 3-045(c)	33	
OU1114, Aggregate 14, TA-3, 1 PRS 3-059	32	

Site Ranking Sytem (SRS)
Grouped Results
Operable Unit: 1114

PRS	RANKING	COUNT
OU1114, Aggregate 05, TA-3, 1 PRS 3-007	32	
OU1114, Aggregate 09, TA-59, 1 PRS 59-004	32	
26 to 30		3
OU1114, Aggregate 10, TA-3, 5 PRSs 3-003(h), 3-003(j), 3-003(k), 3-003(l), 3-003(m)	29	
OU1114, Aggregate 13, TA-3, 1 PRS 3-001(i)	28	
OU1114, Aggregate 03, TA-3, 1 PRS 3-021	26	
21 to 25		4
OU1114, Aggregate 11, TA-3, 1 PRS 3-033	24	
OU1114, Aggregate 21, TA-3, 2 PRSs 3-052(a), 3-052(e)	24	
OU1114, Aggregate 02, TA-3, 1 PRSs 3-034(a)	21	
OU1114, Aggregate 20, TA-3, 4 PRSs 3-013(a), 3-013(b), 3-023, 3-052(f)	21	
≤ 20		2
OU1114, Aggregate 16, TA-60, 1 PRS 60-006(a)	17	
OU1114, Aggregate 18, TA-60, 4 PRSs 60-004(b), 60-004(d), 60-004(e), 60-007(a)	11	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1122

Maximum 51 Minimum 17

PRS	RANKING	COUNT
51 to 55		1
OU 1122, TA-33, MDA-K Aggregate #2, 5 PRSs [33-002-a, 33-002-b, 33-002-c, 33-002-d, 33-002-e]	51	
46 to 50		2
OU 1122, TA-33, Operational Release, 1 PRS [33-017]	46	
OU 1122, TA-33, South Site Surface, Aggregate #9, 7 PRSs [33-004-j, 33-006-a, 33-010-c, 33-010-g, 33-010-h. 33-011-c. 33-014]	46	
36 to 40		3
OU 1122, TA-33, Main Site Surface, Aggregate #5, 13 PRSs [33-004-h, 33-004-i, 33-005-b, 33-005-c, 33-010-f. 33-011-a. 33-011-d. 33-011-e. 33-012-a.	38	
OU 1122, TA-33 Area 6, 5 PRSs [33-004-d, 33-004-g, 33-007-c, 33-009, 33-010-e]	38	
OU 1122, TA-33, East Site and NRAO Surface, Aggregate #11, 8 PRS [33-004-k, 33-004-i, 33-006-b. 33-010-a. 33-010-b. 33-010-d. 33-011-b.	36	
26 to 30		2
OU 1122, TA-33, Main Site Subsurface Aggregate #4, 2 PRSs [33-004-a, 33-005-a]	29	
OU 1122, TA-33, South Site Subsurface berms and landfill, Aggregate #8, 3 PRSs [33-004-b, 33-007-b, 33-008-a]	28	
21 to 25		2
OU 1122, TA-33, East Site and NRAO Subsurface Aggregate # 10, 4 PRS [33-004-c, 33-004-m, 33-007-a. 33-008-b]	25	
OU 1122, TA-33, MDA-E, Aggregate #1, 4 PRSs [33-001-a, 33-001-b, 33-001-c, 33-001-d]	22	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1122

PRS	RANKING	COUNT
≤ 20		2
OU 1122, TA-33, South Site Subsurface berms and landfill, Aggregate #8, 3 PRSs [33-004-b, 33-007-b, 33-008-a]	19	
OU 1122, TA-33, MDA-D, Aggregate #3, 2 PRSs [33-003-a, 33-003-b]	17	

Site Ranking Sytem (SRS)
Grouped Results
Operable Unit: 1129

Maximum 72		Minimum 32
PRS	**RANKING**	**COUNT**
71 to 75		2
OU 1129, TA-35, Group 17	72	
OU 1129, TA-35, Group 8	72	
66 to 70		5
OU 1129, TA-35, Group 10	69	
OU 1129, TA-48, Group 24	69	
OU 1129, TA-48, Group 23	68	
OU 1129, TA-35, Group 9	68	
OU 1129, TA-35, Group 6	67	
61 to 65		2
OU 1129, TA-35, Group 5	65	
OU 1129, Ta-35, Group 16	61	
56 to 60		4
OU 1129, TA-35, Group 11	60	
OU 1129, TA-35, Group 13	58	
OU 1129, TA-48, Group 21	58	
OU 1129, TA-35, Group 4	58	
51 to 55		11
OU 1129, TA-35, Group 18	54	
OU 1129, TA-48, Group 20	54	
OU 1129, TA-52, Group 27	54	
OU 1129, TA-35, Group 12	53	
OU 1129, TA-35, Group 14	53	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1129

PRS	RANKING	COUNT
OU 1129, TA-35, Group 15	53	
OU1129, TA-4 , Group 2	53	
OU1129, TA-4, Group 1	51	
OU1129, TA-5, Group 3	51	
OU 1129, TA-48, Group 7	51	
OU 1129, TA-48, Group 7	51	
46 to 50		3
OU 1129, TA-48, Group 22	50	
OU 1129, TA-55, Group 25	50	
OU 1129, TA-5, Group 28	49	
31 to 35		2
OU 1129, TA-42, Group 19	33	
OU 1129, TA-63, Group 26	32	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1130

Maximum 69		Minimum 17
PRS	**RANKING**	**COUNT**
66 to 70		1
Aggregate Firing Sites (36-004) and Projectile Testing Area (AOC C-36-006e)	69	
61 to 65		1
Photo Outfall (C-36-003)	62	
56 to 60		1
Septic System (36-003a)	58	
51 to 55		1
Sump (36-002)	51	
41 to 45		4
Boneyard (36-005)	44	
MDA AA (36-001) and Burn Pits (36-004)	43	
Sump (36-003b)	43	
Surface Disposal Area (36-006)	43	
≤ 20		1
Portable Vessel (AOC C-36-001)	17	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1132

Maximum	65	Minimum	36

PRS	RANKING	COUNT
61 to 65		3
OU1132, TA 39, Aggr. A, 2 PRSs, Landfills	65	
OU1132, TA 39, Aggr C, 6 PRSs, Firing Sites	65	
OU1132, TA 39, Aggr D, 4 PRSs, Septic Sys	61	
36 to 40		1
OU1132, TA 39, Aggr. B, 8 PRSs Strge Areas	36	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1140

Maximum 58		Minimum 31
PRS	**RANKING**	**COUNT**
56 to 60		2
OU 1140, TA-46, PRS 46-002	58	
OU 1140, TA-46, PRS 46-002	58	
51 to 55		1
OU 1140, TA-46, PRS 46-009-a	51	
46 to 50		6
OU 1140, TA-46, Exhaust Stack Emissions Aggregate #2, 3 PRSs [46-004-d2, 46-aoc-002, 46-aoc-0031	50	
OU 1140, TA-46, Outfall Aggregate #3, 16 PRSs [46-004-f, 46-004-m, 46-004-q, 46-004-r, 46-004-s, 46-004-t. 46-004-u. 46-004-v. 46-004-w. 46-004-x.	50	
OU 1140,TA-46, Outfall/Stack Emissions/Drainline Aggregate #4, 2 PRSs [46-004-g, 46-004-h]	50	
OU 1140, TA-46, Surface Release Aggregate #7, 15 PRSs [46-003-h, 46-006-a, 46-006-b, 46-006-c, 46-006-d. 46-006-f. 46-006-g. 46-007. 46-008-a.	50	
OU 1140, TA-46, PRS 46-003-f	50	
OU 1140, TA-46, PRS 46-009-b	50	
41 to 45		3
OU 1140, TA-46, Dry Well Aggregate #1, 4 PRSs [46-004-c, 46-004-d, 46-004-e, 46-004-p]	42	
OU 1140, TA-46, Septic with Surface Release Aggregate #6, 2 PRSs [46-003-a, 46-003-g]	42	
OU 1140, TA-46, PRS 46-003-d	42	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1140

PRS	RANKING	COUNT
36 to 40		1
OU 1140, TA-46, Septic, Subsurface Only, Aggregate #5, 3 PRSs [46-003-b, 46-003-c, 46-003-e]	38	
31 to 35		1
OU 1140, TA-46, PRS 46-005	31	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1144

Maximum 39		Minimum 11
PRS	**RANKING**	**COUNT**
36 to 40		6
49-001G Soil Contamination Area 2	39	
49-003 Area 11 Leachfield	38	
49-008a Area 5 Soil Contamination	38	
49-008b Area 6 Soil Contamination	38	
49-008c Area 11 Soil Contamination	38	
49-008d Area 12 Soil Contamination	38	
31 to 35		1
49-006 Sump Area 5	31	
26 to 30		6
49-001A AREA 1 SHAFTS	29	
49-001C AREA 2a SHAFTS	29	
49-001D AREA 2b SHAFTS	29	
49-001E AREA 3 SHAFTS	29	
49-001F AREA 4 SHAFTS	29	
49-001B AREA 2 SHAFTS	26	
21 to 25		2
49-004 Landfill Area 6	22	
49-005a&b Landfills	22	
≤ 20		2
49-007a&b Septic Systems	18	
49-002 Underground Chamber Area 10	11	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1147

Maximum 60		Minimum 26
PRS	**RANKING**	**COUNT**
56 to 60		1
OU 1147, TA-50, SWMU 50-009	60	
51 to 55		1
OU 1147, TA-50, SWMU 50-006(d)	51	
46 to 50		1
OU 1147, TA-50, SWMU 50-006(a)	50	
41 to 45		1
OU 1147, TA-50, Aggregate 1	42	
36 to 40		2
OU 1147, TA-50, Aggregate 4	39	
OU 1147, TA-50, Aggregate 5	38	
31 to 35		1
OU 1147, TA-50, Aggregate 3	32	
26 to 30		2
OU 1147, TA-50, Aggregate 2	28	
OU 1147, TA-50, SWMU 50-011(a)	26	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1148

Maximum 65 Minimum 24

PRS	RANKING	COUNT
61 to 65		1
OU 1148, TA54, Agg. #1, MDA L	65	
56 to 60		1
OU 1148, TA54, Agg. #4, MDA G	60	
51 to 55		1
OU 1148, TA54, Agg. #3, MDA H	53	
31 to 35		1
OU 1148, TA51 and TA54 West, Agg. #5	32	
21 to 25		1
OU 1148, TA54, Agg. #2, MDA J	24	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1154

Maximum	62	Minimum	25

PRS	RANKING	COUNT
61 to 65		1
OU 1154, TA57, AGG1, 1PRS	62	
31 to 35		1
OU 1154, TA57, AGG4, 1PRS(no number)	35	
26 to 30		1
OU 1154, TA57, AGG3, 1PRS(no number)	28	
21 to 25		1
OU 1154, TA57, AGG2, 4PRSs	25	

Site Ranking Sytem (SRS)
Grouped Results

Operable Unit: 1157

Maximum 68 Minimum 21

PRS	RANKING	COUNT
66 to 70		1
OU 1157, TAs-8,-9,-23,and-69,AGG14, 1PRS	68	
61 to 65		2
OU 1157, TAs-8,-9,-23, and-69, AGG6, 1PRS	64	
OU 1157, TAs-8,-9,-23, and-69, AGG7,4PRSs	61	
56 to 60		2
OU 1157, TAs-8,-9,-23,and-69, AGG9, 4PRSs	60	
OU 1157, TAs-8,-9,-23, and-69, AGG4, 1PRS	56	
51 to 55		2
OU 1157, TAs-8,-9,-23,and-69,AGG15, 1PRS	54	
OU1157,TAs-8,-9,-23,and-69,AGG10,10PRSs	51	
46 to 50		1
OU 1157, TAs-8,-9,-23,and-69,AGG13,5PRSs	50	
36 to 40		7
OU 1157, TAs-8,-9,-23, and-69, AGG1, 1PRS	40	
OU 1157,TAs-8,-9,-23,and-69,AGG11, 1PRS	40	
OU 1157, TAs-8,-9,-23,and-69,AGG16,1PRS	40	
OU 1157, TAs-8,-9,-23, and-69,AGG18,5PRS	40	
OU 1157, TAs-8,-9,-23, and-69, AGG2, 1PRS	39	
OU 1157, TAs-8,-9,-23, and-69, AGG3, 1PRS	39	
OU 1157, TAs-8,-9,-23,and-69, AGG12,1PRS	39	

Site Ranking Sytem (SRS)
Grouped Results

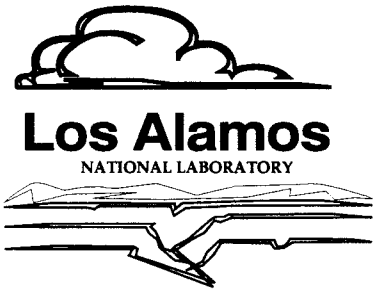
Operable Unit: 1157

PRS	RANKING	COUNT
31 to 35		1
OU 1157, TAs-8,-9,-23, and-69,AGG17,1PRS	35	
26 to 30		1
OU 1157, TAs-8,-9,-23, and-69, AGG8, 1PRS	29	
21 to 25		1
OU 1157, TAs-8,-9,-23, and-69, AGG5, 1PRS	21	

Operable Unit Summary

of

Economies of Scale



Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

1049	20

69 OU 1049 Mortandad Canyon PRS C-0-008

RFI for OUs 1114, 1129 and 1147 need to be completed.

68 OU 1049 Los Alamos Canyon PRS C-0-006

RFI for townsite OUs need to be completed.

65 OU 1049 Pajarito Canyon PRS C-0-011

Link RFI to OU 1093, 1130, 1086, 1111, and 1157.

57 OU 1049 Sediment Traps Mortandad PRS 0-001

This would be linked to the Mortandad Canyon RFI.

57 OU 1049 Acid and Pueblo Canyons PRS C-0-005

RFI for townsite OUs need to be completed.

57 OU 1049 Sandia Canyon PRS C-0-007

RFI for OUs 1114 and 1100 need to be completed.

56 OU 1049 Canada del Buey PRS C-0-009

RFI for OUs 1140, 1129 and 1148 need to be completed.

54 OU 1049 Guaje Canyon PRS C-0-001

This would be linked to the Rendija Canyon RFI.

54 OU 1049 Water Canyon PRS C-0-016

RFI for OUs 1082, 1086, 1144, 1132, 1122, and 1130 need to be completed. Need RFI Canon de Valle and Potrillo Canyon.

54 OU 1049 Ancho Canyon PRS C-0-018

RFI for OUs 1132 and 1144 need to be completed. RFI for Indio Canyon.

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

54 OU 1049 Chaquehui Canyon PRS C-0-019

RFI for OU 1122 needs to be completed.

53 OU 1049 Potrillo Canyon PRS C-0-013

RFI for OUs 1086 and 1130 need to be completed. Linked to Water Canyon RFI.

50 OU 1049 Bayo Canyon PRS C-0-004

Coordinate with RFI for OU 1079.

50 OU 1049 Three Mile Canyon PRS C-0-012

RFI for OUs 1085, 1086, 1093 and 1130 need to be completed. Linked to Pajarito Canyon RFI.

49 OU 1049 Rendija Canyon PRS C-0-002

This would be linked to the Guaje Canyon RFI.

46 OU 1049 Canon de Valle PRS C-0-014

RFI for OUs 1082, 1157,1085 and 1086 need to be completed. Linked to Water Canyon RFI.

44 OU 1049 Barrancas Canyon PRS C-0-003

This would be linked to the Guaje Canyon RFI.

44 OU 1049 Two Mile Canyon PRS C-0-010

RFI for OUs 1111 and 1157 need to be completed. Linked to Pajarito Canyon RFI.

44 OU 1049 Fence Canyon PRS C-0-015

RFI for OU 1130 need to be completed. Linked to Potrillo Canyon RFI.

44 OU 1049 Indio Canyon PRS C-0-017

RFI for OUs 1132 and 1144 need to be completed. Link to RFI for Ancho Canyon.

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

1071	7

46 OU 1071, 73-001(a) - landfill

active airport at site

44 OU 1071, 0-016 - inactive firing range

New housing going up adjacent to site

44 OU 1071, 0-030(g) - Septic System

Landowner wants tank addressed immediately

33 OU 1071, 0-031(a) - soil contamination beneath former service station

Property owner wants investigation done ASAP

33 SWMU 0-031(a) - Soil Contamination beneath former service station

Property owner wants investigation done ASAP

33 SWMU 0-031(b) - Soil Contamination beneath former service station

Property owner wants cleanup completed so property can be sold

33 SWMU 0-032 - Soil Contamination beneath former motorpool facility

Property owner wants cleanup completed so property can be sold

1078	5

49 SWMU 1-001(c) Septic Tank 137 / Outfall

Similar conditions at Septic Tank 140 outfall area

49 SWMU 1-001(d) Septic Tank 138 / Outfall

Similar conditions at Septic Tank 140 outfall area

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

49 SWMU 1-001(f) - Septic Tank 140 / Outfall

Similar conditions at Septic Tank 140 outfall area

38 D Building Subarea

Site previously remediated

25 01-007(l) - Trinity Drive substrate

Utilities excavation opportunities

1079 — 12

47 OU 1079, TA-10, Aggregate 1, 4PRSs
Former Firing Sites 10-001(a), 10-001(b), 10-001(c), 10-001(d)

This is a geographically isolated site. Beneficial linkages to activities at other sites are not very like. Sampling operations will ,however, be conducted

43 O1079, TA-45, Aggregate 11, 4 PRSs
Radioacive Liquid Waste Treatment Area, 1-002, 45-001, 45-003, C-45-001

TA-0 septic tank removal and TA-1 waste line removal could couple beneficially with remediation actions at TA-45.

43 OU 1079, TA-45, Aggregate 12, 1 PRS
Former Vehicle Decontamination Facility, 45-002

TA-0 septic tank removal and TA-1 waste line removal could couple beneficially with remediation actions at TA-45.

35 OU 1079, TA-10, Aggregate 2, 2PRSs
Former Solid Waste Pits 10-002(a), 10-002(b)

This is a geographically isolated site. Beneficial linkages to activities at other sites are not very like. Sampling operations will ,however, be conducted

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

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35 OU 1079, TA-10, Aggregate 3, 16 PRSs
Former Liquid Rad Disposal System, 10-003(a-o); and
10-007, 1963 D&D Landfill

This is a geographically isolated site. Beneficial linkages to activities at other sites are not very likely. Sampling operations will ,however, be conducted

33 OU 1079, TA-32, Aggregate 10, 2PRSs
Former Medical Research Facility Septic System, 32-002(a),
32-002(b)

Beneficial linkages to activities at other sites are not very like. Sampling operations will ,however, be conducted with other aggregates at this site.

33 OU 1079, TA-45, Aggregate 13, 1 PRS
Sanitary Sewer Outfall, 45-004

TA-0 septic tank removal and TA-1 waste line removal could couple beneficially with remediation actions at TA-45.

32 OU 1079, TA-31, Aggregate 8, 1 PRS
Former Receiving Warehouse Septic System, 31-001

Beneficial linkages to activities at other sites are not very like.

28 OU 1079, TA-10, Aggregate 6, 1PRS
Former Firing Site Debris Disposal Pit, 10-005

This is a geographically isolated site. Beneficial linkages to activities at other sites are not very like. Sampling operations will ,however, be conducted

28 OU 1079, TA-32, Aggregate 9, 1 PRS
Former Incinerator Site, 32-001

Beneficial linkages to activities at other sites are not very like. Sampling operations will ,however, be conducted with other aggregates at this site.

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

26 OU 1079, TA-10, Aggregate 4, 1PRS
Former Personnel Building Septic System, 10-004(a)

This is a geographically isolated site. Beneficial linkages to activities at other sites are not very like. Sampling operations will ,however, be conducted

26 OU 1079, TA-10, Aggregate 5, 1PRS
Former Radiochemistry Lab Septic System, 10-004(b)

This is a geographically isolated site. Beneficial linkages to activities at other sites are not very like.

1082 — 17

42 OU 1082, TA-16, Aggragate 48, 11 PRSs GMX-3 90's line
C-16-067, 16-026(m,n,o,p), 16-029(k,l,q,s,t,u)

Should be addressed at the same time as other aggregates of SWMUs within the "WW II" complex.

35 OU 1082, TA-16, Aggragate 58, 8 PRSs V-Site 16-006(g), 16-025(x), 16-029(w,x), 16-031(c), C-16-068, C-16-074, C-25-001

Should be addressed at the same time as other aggregates of SWMUs within the "WW II" complex.

31 OU 1082, TA-16, Aggragate 45, 10 PRSs GMX-3
North/South/East/West 16-025(d,g,h,i,j), 16-029(m,n,o,p), 16-029(h2)

Should be addressed at the same time as other aggregates of SWMUs within the "WW II" complex.

31 OU 1082, TA-16, Aggragate 57, 14 PRSs T-Site 16-005(j, m), 16-024(f, g, h,), 16-025(m, n, o), 16-034(b, c, d, e, f), C-16-017

Should be addressed at the same time as other aggregates of SWMUs within the "WW II" complex.

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

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28 OU 1082, TA-16, Aggragate 47, 6 PRSs GMX-3 buildings w/o sumps 16-024(b,c,d), 16-025(a,b), C-16-064

Should be addressed at the same time as other aggregates of SWMUs within the "WW II" complex.

26 OU 1082, TA-16, Aggragate 42, 12 PRSs GMX-3 20's line 16-005(d), 16-025(k,l), 16-026(q), 16-029(r,f2), 16-032(c), 16-032(d), 16-034(a), 16-032(b), 16-031(d), C-16-065

Should be addressed at the same time as other aggregates of SWMUs within the "WW II" complex.

26 OU 1082, TA-16, Aggragate 43, 3 PRSs GMX-3 30's line 16-024(e), 16-025(e,f)

Should be addressed at the same time as other aggregates of SWMUs within the "WW II" complex.

26 OU 1082, TA-16, Aggragate 44, 12 PRSs GMX-3 40's line 16-025(p,q,r,u,v), 16-026(w), 16-029(z), 16-032(a), 16-005(c), 16-025(s), 16-034(l, p)

Should be addressed at the same time as other aggregates of SWMUs within the "WW II" complex.

26 OU 1082, TA-16, Aggragate 49, 3 PRSs GMX-2 West 16-025(t), 16-029(y), 16-024(k)

Should be addressed at the same time as other aggregates of SWMUs within the "WW II" complex.

26 OU 1082, TA-16, Aggragate 50, 12 PRSs GMX-2 East 16-005(e), 16-015(c), 16-024(l, m, n), 16-025(w, y, z), 16-029(a2, c2), 16-034(m, n,)

Should be addressed at the same time as other aggregates of SWMUs within the "WW II" complex.

26 OU 1082, TA-16, Aggragate 51, 14 PRSs GMX-2 South 16-015(d),16-024(o, p, q, r), 16-025(a2, b2, c2), 16-029(v, b2, d2, e2), 16-034(o), C-16-005, C-16-069

Should be addressed at the same time as other aggregates of SWMUs within the "WW II" complex.

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

26 OU 1082, TA-16, Aggragate 52, 4 PRSs Administrative Area 16-015(a, b), 16-026(s), C-16-028

Should be addressed at the same time as other aggregates of SWMUs within the "WW II" complex.

25 OU 1082, TA-16, Aggragate 46, 2 PRSs GMX-3 incinerators 16-011, 16-023(b)

Should be addressed at the same time as other aggregates of SWMUs within the "WW II" complex.

24 OU 1082, TA-16, Aggragate 54, 1 PRSs Septic System 16-005(f)

Should be addressed w/MDA-R.

17 OU 1082, TA-16, Aggragate 53, 1 PRSs Septic System 16-005(a)

Should be addressed at the same time as other aggregates of SWMUs within the "WW II" complex.

17 OU 1082, TA-16, Aggragate 55, 1 PRSs Septic System 16-005(k)

Should be addressed at the same time as other aggregates of SWMUs within the "WW II" complex.

17 OU 1082, TA-16, Aggragate 56, 1 PRSs Septic System 16-005(l)

Should be addressed at the same time as other aggregates of SWMUs within the "WW II" complex.

1085 — 6

43 OU 1085, TA-12, 12-001(b)

There are six other PRSs located nearby that will be affected by the MWDF.

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

35 OU 1085, TA-12, SWMU 12-001(a)

There are six other PRSs located nearby that will be affected by the MWDF.

29 OU1085, TA-14, Aggregate #2, 6 PRs 14-002 a, b, c, d, e, f
Decom. Firing Sites

Economy of scale exist for cleaningup these six at one time.

28 OU1085, TA-14, Aggregate #3, 4 PRSs C-14-001, -006, -008, -009 Magazines

This aggregate is a group of four that would porvide economies of scale.

26 OU1085, TA-14, 14-003 Trash Burning Area

Other PRSs needing cleanup are in the area.

24 OU 1085, TA-12, Aggregate 6
C-12-001 through C-12-005

There are six other PRSs located nearby that will be affected by the MWDF

1086 — 3

42 The Hollow, 15-011(c)(b)(a),-014(i)(k)(j)

These are the drainage pathways from an occupied building and should be considered together.

42 R-183, 15-005(b),-009(k),-014(a)(b),-009(f)

All these PRSs should be addressed together.

32 HE at F.S.- C, 15-005(c)

All these PRSs should be addressed together.

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

1093 — 5

53 27-003 Bazooka Impact Area

Experience gained at other similar sites is highly applicable.

49 18-001(a) Inactive sewage lagoons

Should be addressed simultaneously with 18-001(b), the sanitary line which is connected to the lagoons.

47 27-002 Abandoned Firing Sites

This is one of many areas affected by former firing site activiites; technology development should be coordinated with other OUs.

44 18-002 (a, b, c) Abandoned Firing Sites

This is one of many areas affected by former firing site activiites; technology development should be coordinated with other OUs.

29 18-001(b)- Inactive sanitary waste line

Should be done in conjunction with 18-001(a)

1098 — 13

76 OU 1098, SWMU 2-005; Cool.Tow.Drift Loss

High priority of this SWMU for OU1098. Moderate sampling/analytical costs for this SWMU.

76 OU 1098, SWMU 2-009, Operational Rel.

High priority SWMU for OU 1098. Relatively high sampling/analytical costs associated with this SWMU.

75 OU 1098, SWMU 41-002, Sewage Tr.Plt.

High priority SWMU for OU 1098. Moderate sampling/analytical costs associated with this SWMU.

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

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74 OU 1098, SWMU 2-003; Decom. React Was.

High priority SWMU for OU1098.

74 OU 1098, SWMU 2-006, Drains

This SWMU has a medium priority for OU1098. Moderate sampling/analytical costs associated with this SWMU.

74 OU 1098, SWMU 2-008, Outfalls

This SWMU is a high priority for OU1098. Moderate sampling/analytical costs associated with this SWMU.

74 OU 1098, SWMU 2-011, StormDrains& Outfl.

Medium priority SWMU. Some sampling is required.

74 OU 1098, SWMU 2-010, Chemical Shack

Medium priority for the SWMU at OU1098.

72 OU 1098, SWMU 2-007, Decom.Septic Sys.

This SWMU is a medium priority at OU1098. Moderate sampling/analytical costs associated with this SWMU.

71 OU 1098, SWMU 2-004; Omg. Wst. React.

High priority SWMU for OU1098.

58 OU 1098, SWMU 41-003, Sump

Low priority SWMU for OU 1098.

56 OU 1098, SWMU 2-012, Soil Con. Tanks

Low priority SWMU for OU 1098. VCA should take care of source term.

44 OU 1098, SWMU 41-001, Septic System

Low priority SWMU for OU 1098. VCA should take care of source term.

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

1100	7

49 OU 1100 / 20-002(a), (b), (c), (d)

Aggregate consists of four similar sites in close proximity. Similar approach will be used for all four sites. Sites similar to many firing sites at Lab.

44 OU 1100 / 20-004

Site is similar to many other abandoned septic tanks at Lab.

40 OU 1100 / 20-001(a), (b), (c)

Aggregate consists of three similar sites in close proximity. Identical approach will be used to investigate all three sites. There are similar sites in

40 OU 1100 / 20-005

Site is similar to other abandoned septic tanks at Lab.

36 OU 1100 / 53-001(a), (b), (e), (g)

Aggregate consists of four similar sites. Investigation of sites would involve similar approach. Many similar sites at Lab.

36 OU 1100 / 53-001(c), (d), (k)

Aggregate consists of three similar sites. Investigation of sites would involve similar approach. Many similar sites at Lab.

29 OU 1100 / 53-006(a), (b), (c), (d), (e), (f)

Aggregate consists of six tanks. Similar approach to investigation would be used for all six tanks. Other similar tanks exist at Lab.

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

1106	40

67 21-011(k), Outfall Bldg. 257

Excavation should be coordinated with similar removals.

57 21-016(a)-(c),21-011(c),21-28(a), Area T

Coordinate with other MDA work.

56 21-015, MDA B

Coordinate with other MDA work.

54 21-027(a), Historic Outfall

Coordinate with related removals and D&D.

53 21-024(i), Septic System/Outfall

Coordinate with similar removals.

50 21-014, MDA A

Coordinate with other MDA work.

47 21-017(a)-(c), MDA U

Coordinate with other MDA work.

42 21-018(a), (b), MDA V

Coordinate with other MDA work.

42 21-027(b), 24-024(m), Surface Drainage

Coordinate with related removals.

40 21-002(b), Inact. Ctr. Stg. Area

Removal best done when similar actions are performed.

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

39	21-024(a), Septic System/Outfall	**Coordinate with similar removals.**
39	21-024(b), Septic System/Outfall	**Coordinate with similar removals.**
39	21-024(c), Septic System/Outfall	**Coordinate with similar removals.**
39	21-024(d), Septic System/Outfall	**Coordinate with similar removals.**
39	21-024(e), Septic System/Outfall	**Coordinate with similar removals.**
39	21-024(j), (k), Septic System/Outfall	**Coordinate with related removals.**
39	21-024(o), Septic System/Outfall	**Coordinate with similar removals.**
39	21-027(c), Surface Drainage	**Coordinate with similar removal.**
38	21-003, PCB St. Area	**Excavation best done when similar OPs are carried out.**
36	21-006(b), Ether Pit	**Excavation should be coordinated wsith similar removal.**
36	21-009 Former Waste Trt. Lab.	**Excavation should be coordinated with similar rewards.**

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

36	21-010(a)-(h); C-21-34 - C-21-37/Liq.Waste	**Excavation should be coordinated with similar removals.**
36	21-013(d), (e), Surface Disposal	**Coordinate with similar excavations.**
35	21-006(a), (c), (d), Unmarked Seepage Pits	**Coordinate with D&D.**
35	21-024(f), Septic System/Outfall	**Coordinate with similar removals.**
35	21-024(g), Septic System/Outfall	**Coordinate with similar removals.**
35	21-024(h), Septic System/Outfall	**Coordinate with related removals.**
35	21-024(l), Septic System/Outfall	**Coordinate with similar removals.**
35	21-024(n), Septic System/Outfall	**Coordinate with similar removals.**
35	21-027(d), 21-023(c), Surface Drainage	**Coordinate with related removals.**
33	21-020(a), FIlter Bldg. 21-12	**Coordiante with similar excavations.**
32	21-020(b), Filter Bldg. 153	**Coordinate with similar excavations.**
31	21-001, Rad. Waste Ctr. Stg.	**Coordinate with similar excavations.**

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

31 21-028(d), Ctr. Stg. Area

Coordinate with D&D.

29 21-005, Acid Pit

Excavation is best performed when similar removals are performed.

25 21-022(b)-(e), (g), Acid Sump Drain Lines

Corordinate with D&D & OPs.

22 21-012(b), Steam Plant - Dry Well

Excavation should be coordinated with similar removals.

21 C-21-001, 006, 027, AOC's Assoc.Bldg. D&D

Coordinate with D&D.

18 21-004(a), Above Grnd. Tank

Best coordinated with other surface tank removals.

14 21-028(c), Active Ctr. Stg. Area

Coordinate with D&D.

1111 2

56 OU 1111, TA-22, Aggregate B

SWMU 22-015(c) is nearby.

50 OU 1111, TA-22, SWMU 22-015(c)

Aggregate B sites are nearby.

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

1122	10

46 OU 1122, TA-33, Operational Release, 1 PRS [33-017]

Similar to other surface sites with diffuse concentrations.

46 OU 1122, TA-33, South Site Surface, Aggregate #9, 7 PRSs [33-004-j, 33-006-a, 33-010-c, 33-010-g, 33-010-h, 33-011-c, 33-014]

Similar to other surface sites.

38 OU 1122, TA-33, Main Site Surface, Aggregate #5, 13 PRSs [33-004-h, 33-004-i, 33-005-b, 33-005-c, 33-010-f, 33-011-a, 33-011-d, 33-011-e, 33-012-a, 33-013, 33-015, 33-016,

Cleanup techniques applicable to all surface sites with diffuse contamination.

38 OU 1122, TA-33 Area 6, 5 PRSs [33-004-d, 33-004-g, 33-007-c, 33-009, 33-010-e]

Similar to other surface sites with diffuse contamination.

36 OU 1122, TA-33, East Site and NRAO Surface, Aggregate #11, 8 PRS [33-004-k, 33-004-i, 33-006-b, 33-010-a, 33-010-b, 33-010-d, 33-011-b, C-33-002]

Similar to other TA-33 surface sites

29 OU 1122, TA-33, Main Site Subsurface Aggregate #4, 2 PRSs [33-004-a, 33-005-a]

General clean-up and/or removal of all septic tanks

28 OU 1122, TA-33, South Site Subsurface berms and landfill, Aggregate #8, 3 PRSs [33-004-b, 33-007-b, 33-008-a]

Similar tanks at Area 6 and East Site

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

25 OU 1122, TA-33, East Site and NRAO Subsurface Aggregate # 10, 4 PRS [33-004-c, 33-004-m, 33-007-a, 33-008-b]

Similar to South Site and Area 6 subsurface PRSs

22 OU 1122, TA-33, MDA-E, Aggregate #1, 4 PRSs [33-001-a, 33-001-b, 33-001-c, 33-001-d]

Possible if LANL initiates labwide MDA consolidation program

19 OU 1122, TA-33, South Site Subsurface berms and landfill, Aggregate #8, 3 PRSs [33-004-b, 33-007-b, 33-008-a]

Similar berms at Area 6 and East Site

1129 — 28

72 OU 1129, TA-35, Group 17

Ten Site canyon sampling needs to be coordinated with Cheryl Rofer and Everett Springer.

72 OU 1129, TA-35, Group 8

Will be scheduled with Aggregate W for Phase I investigations.

69 OU 1129, TA-35, Group 10

Phase I sampling will be scheduled with D&D activities in this area.

69 OU 1129, TA-48, Group 24

Sampling was completed at this site in September 1993 as Aggregate L.

68 OU 1129, TA-48, Group 23

Sampling was completed at this site in September 1993 as Aggregate X.

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

68 OU 1129, TA-35, Group 9

Will be scheduled with Aggregate G for Phase I investigations.

67 OU 1129, TA-35, Group 6

Sampling will be conducted with other TA-35 characterization activities.

61 OU 1129, Ta-35, Group 16

This PRS will be sampled with TA-35 Aggregate V in the Phase I investigation.

60 OU 1129, TA-35, Group 11

Aggregates H and I will be sampled in conjuction during Phase I investigations (Note: PRS 35-014(b) has been relocated to near Aggregate I.)

58 OU 1129, TA-35, Group 13

Scheduling of Phase I sampling for this group should be done in conjuction with Aggregate H.

58 OU 1129, TA-48, Group 21

Sampling was completed at this site in September 1993 as Aggregate Y.

58 OU 1129, TA-35, Group 4

These PRSs will be sampled with Aggregate U during Phase I investigations.

54 OU 1129, TA-35, Group 18

This group will be sampled with TA-35 Aggregate V in Phase I investigations.

54 OU 1129, TA-48, Group 20

Sampling was completed at this site in September 1993 as Aggregate K.

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

54 OU 1129, TA-52, Group 27

TA-4 and TA-5 investigations will be scheduled with TA-52 for Phase I investigations.

53 OU 1129, TA-35, Group 12

Sampling for this PRS is scheduled as stand alone.

53 OU 1129, TA-35, Group 14

Scheduling of Phase I sampling for this group should be done in conjuction with Aggregate T.

53 OU 1129, TA-35, Group 15

Scheduling of Phase I sampling for this group should be done in conjuction with Aggregate T.

53 OU1129, TA-4 , Group 2

TA-4 will be scheduled with TA-5 for Phase I investigations.

51 OU1129, TA-4, Group 1

TA-4 will be scheduled with TA-5 for Phase I investigations.

51 OU1129, TA-5, Group 3

TA-5 will be scheduled with TA-4 for Phase I investigations.

51 OU 1129, TA-48, Group 7

Sampling was completed at this site in September 1993 as Aggregate N.

51 OU 1129, TA-48, Group 7

Sampling was completed at this site in September 1993 as Aggregate N.

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

50 OU 1129, TA-48, Group 22

Sampling was completed at this site in September 1993 as Aggregate M.

50 OU 1129, TA-55, Group 25

Will be sampled as Phase I investigations for Aggregate Z .

49 OU 1129, TA-5, Group 28

TA-5 will be scheduled with TA-4 for Phase I investigations.

33 OU 1129, TA-42, Group 19

Sampling was completed at this site to validate proposed contruction project of the Nuclear Safeguards Technologies Laboratory building

32 OU 1129, TA-63, Group 26

Will be sampled in Phase I investigations as Aggregate P .

1130 — 9

69 Aggregate Firing Sites (36-004) and Projectile Testing Area (AOC C-36-006e)

All sampling and remedial activities at TA-36 scheduled for Phase I characterization could well be accomplished within the same field effort.

62 Photo Outfall (C-36-003)

All sampling and remedial activities at TA-36 scheduled for Phase I characterization could well be accomplished within the same field effort.

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

58 Septic System (36-003a)

All sampling and remedial activities at TA-36 scheduled for Phase I characterization could well be accomplished within the same field effort.

51 Sump (36-002)

All sampling and remedial activities at TA-36 scheduled for Phase I characterization could well be accomplished within the same field effort.

44 Boneyard (36-005)

All sampling and remedial activities at TA-36 scheduled for Phase I characterization could well be accomplished within the same field effort.

43 MDA AA (36-001) and Burn Pits (36-004)

All sampling and remedial activities at TA-36 scheduled for Phase I characterization could well be accomplished within the same field effort.

43 Sump (36-003b)

All sampling and remedial activities at TA-36 scheduled for Phase I characterization could well be accomplished within the same field effort.

43 Surface Disposal Area (36-006)

All sampling and remedial activities at TA-36 scheduled for Phase I characterization could well be accomplished within the same field effort.

17 Portable Vessel (AOC C-36-001)

All sampling and remedial activities at TA-36 scheduled for Phase I characterization could well be accomplished within the same field effort.

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

1132 — 3

65 OU1132, TA 39, Aggr. A, 2 PRSs, Landfills

Any other PRSs with buried hazardous materials could use the same remedial action team and technology.

65 OU1132, TA 39, Aggr C, 6 PRSs, Firing Sites

Due to their close proximity to each other, the firing sites are amenable to common remedial actions and one mobilization.

61 OU1132, TA 39, Aggr D, 4 PRSs, Septic Sys

Large numbers of septic systems and underground storage tanks exist at the Lab. Technology developed for LUST detection and tank removal can

1140 — 14

58 OU 1140, TA-46, PRS 46-002

Coordinate investigation with PRS 46-005.

58 OU 1140, TA-46, PRS 46-002

Coordinate investigation with PRS 46-005.

51 OU 1140, TA-46, PRS 46-009-a

Investigate both landfills in same campaign. Many surface PRSs at TA-46 are adjacent or overlapping, offering schedule and cost economies during

50 OU 1140, TA-46, Exhaust Stack Emissions Aggregate #2, 3 PRSs [46-004-d2, 46-aoc-002, 46-aoc-003]

Many surface PRSs at TA-46 are adjacent or overlapping, offering schedule and cost economies during characterization and remediation phases.

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

50 OU 1140, TA-46, Outfall Aggregate #3, 16 PRSs [46-004-f, 46-004-m, 46-004-q, 46-004-r, 46-004-s, 46-004-t, 46-004-u, 46-004-v, 46-004-w, 46-004-x, 46-004-y,

Many surface PRSs at TA-46 are adjacent or overlapping, offering schedule and cost economies during characterization and remediation phases.

50 OU 1140,TA-46, Outfall/Stack Emissions/Drainline Aggregate #4, 2 PRSs [46-004-g, 46-004-h]

Many surface PRSs at TA-46 are adjacent or overlapping, offering schedule and cost economies during characterization and remediation phases.

50 OU 1140, TA-46, Surface Release Aggregate #7, 15 PRSs [46-003-h, 46-006-a, 46-006-b, 46-006-c, 46-006-d, 46-006-f, 46-006-g, 46-007, 46-008-a, 46-008-b, 46-008-d,

Many surface PRSs at TA-46 are adjacent or overlapping, offering schedule and cost economies during characterization and remediation phases.

50 OU 1140, TA-46, PRS 46-003-f

Many surface PRSs at TA-46 are adjacent or overlapping, offering schedule and cost economies during characterization and remediation phases.

50 OU 1140, TA-46, PRS 46-009-b

Investigate both landfills in same campaign. Many surface PRSs at TA-46 are adjacent or overlapping, offering schedule and cost economies during

42 OU 1140, TA-46, Dry Well Aggregate #1, 4 PRSs [46-004-c, 46-004-d, 46-004-e, 46-004-p]

Propose to conduct all septic and dry-well VCAs (aggregates 1 & 9) in one campaign.

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

42 OU 1140, TA-46, Septic with Surface Release Aggregate #6, 2 PRSs [46-003-a, 46-003-g]

Many surface PRSs at TA-46 are adjacent or overlapping, offering schedule and cost economies during characterization and remediation phases.

42 OU 1140, TA-46, PRS 46-003-d

Propose to conduct all septic and dry-well VCAs (aggregates 1 & 9) in one campaign.

38 OU 1140, TA-46, Septic, Subsurface Only, Aggregate #5, 3 PRSs [46-003-b, 46-003-c, 46-003-e]

Propose to conduct characterizations of all septic systems in one campaign.

31 OU 1140, TA-46, PRS 46-005

Coordinate investigation with PRS 46-002.

1148 — 4

65 OU 1148, TA54, Agg. #1, MDA L

TAs -49 and -21 may have similar problems; cooperative use of drill crews, rigs, and sampling techniques might prove economical.

60 OU 1148, TA54, Agg. #4, MDA G

RFI of MDA L is integrated with RFI of MDA G. Air flow studies at L apply to transport at G.

53 OU 1148, TA54, Agg. #3, MDA H

Shaft disposal of solid hazardous and radioactive wastes occurred within nearby MDA J, although on a much smaller scale. If prescribed, coordinating

Site Ranking Sytem (SRS)
Grouped Results

Identify any economies of scale, proximity, or schedule with other sites.

24 OU 1148, TA54, Agg. #2, MDA J

MDA J is within 100 ft of MDA H, also in OU 1148. We do not expect schedule conflicts or coordination with other sites.

1154 — 2

62 OU 1154, TA57, AGG1, 1PRS

May want to remediate simultaneously with ponds. Possibly dump pond sludge into sludge pit and then remediate the sludge pit.

25 OU 1154, TA57, AGG2, 4PRSs

Sludge pit remediation/capping.

1157 — 1

40 OU 1157, TAs-8,-9,-23, and-69,AGG18,5PRS

D&D operations.

Operable Unit Summary

of

Non-DOE PRSs

Site Ranking Sytem (SRS)
Grouped Results

Current owner (or controller) of the site is: (Non-DOE PRSs)

1049		5
57	OU 1049 Acid and Pueblo Canyons PRS C-0-005	County
	DOE and County of Los Alamos	
54	OU 1049 Guaje Canyon PRS C-0-001	Pueblo
50	OU 1049 Bayo Canyon PRS C-0-004	County
	DOE and San Idelfonso Pueblo	
49	OU 1049 Rendija Canyon PRS C-0-002	Pueblo
44	OU 1049 Barrancas Canyon PRS C-0-003	Pueblo
	County of Los Alamos	

1071		35
57	OU 1071, 0-018(b) - active (Bayo) wastewater treatment plant	County
51	OU 1071, 0-011(d) - ordnance impact area	County
51	OU 1071, 0-011(a) - ordnance impact area	Other Federal Agency
	USFS	
49	OU 1071, 0-018(a) "active" (pueblo) wastewater treatment plant	County
49	SWMU C - 0-020 Ordnance Impact Area	Other Federal Agency
	U.S. Forest Service	
46	OU 1071, 0-011(e) - ordnance impact area	Other Federal Agency
	USFS	
44	OU 1071, 0-029(b) - Leakage from PCB	Pueblo

Site Ranking Sytem (SRS)
Grouped Results

Current owner (or controller) of the site is: (Non-DOE PRSs)

44	OU 1071, 0-016 - inactive firing range **USFS**	Other Federal Agency
44	SWMU 0-030(O) - Septic System	Private
44	OU 1071, 0-029(c) - leakage from PCB transformers **USFS**	Other Federal Agency
44	OU 1071, 0-029(a) - Leakage from PCB	Pueblo
44	OU 1071, 0-030(e) - Septic System	Private
44	OU 1071, 0-030(g) - Septic System	Private
44	OU 1071, 0-030(h) - Septic System	Private
43	OU 1071, 0-019 Decommissioned wastewater treatment plant	County
43	OU 1071, 0-030(i) - Septic System	County
43	OU 1071, 0-011(c) - ordnance impact area **USFS**	Other Federal Agency
42	SWMU 0-030(q) - septic system	Private
42	OU 1071, 0-030(c) - Septic System	Private
42	OU 1071, 0-030(f) - Septic System	Private

Site Ranking Sytem (SRS)
Grouped Results

Current owner (or controller) of the site is: (Non-DOE PRSs)

40	SWMU 0-030(N) - Septic System	County
39	OU 1071, 0-028(b) - LA County Recreation Areas	County
39	OU 1071, 0-030(k) - Septic System	Private
38	OU 1071, 0-030(a) - Septic System	Private
38	OU 1071, 0-030(j) - Septic System	County
38	SWMU 0-030(P) - Septic System	Private
38	OU 1071, 0-030(d) - Septic System	County
35	SWMU 0-034 (a) "Landfill"	County
33	OU 1071, 0-028(a) - LA County Recreation Areas	County
33	OU 1071, 0-031(a) - soil contamination beneath former service station	Private
33	SWMU 0-031(a) - Soil Contamination beneath former service station	Private
33	SWMU 0-031(b) - Soil Contamination beneath former service station	Private
33	SWMU 0-032 - Soil Contamination beneath former motorpool facility	Private
32	OU 1071, 0-027 - DP Rd. Storage Area	Private

Site Ranking Sytem (SRS)
Grouped Results

Current owner (or controller) of the site is: (Non-DOE PRSs)

26	SWMU 0-034 (b) "Landfill"	Private
1078		**11**
40	SWMU 01-006(o) - Amistad Storm Drain and Outfall	Private
38	SWMU 01-001(e) - Septic Tank 139	Private
38	D Building Subarea	Private
38	SWMU 01-006(g) - Storm Drain SE Los Arbol	Private
36	SWMU 01-001(o) - J Building Septic Line	Private
32	SWMU 01-002 - Industrial Waste Line	Private
	Private and County	
32	Aggregate N - Western Sanitary Waste Line	Private
	Private and DOE	
32	SWMU 01-006(h)	Private
	Private and DOE	
26	SWMU 01-007(d) - Subsurface Contamination - H/Theta Buildings	Private
26	SWMU 01-007(e) - Subsurface Contamination - Sigma Building	Private
25	01-007(l) - Trinity Drive substrate	County
	Trinity Drive	
1079		**12**
47	OU 1079, TA-10, Aggregate 1, 4PRSs Former Firing Sites 10-001(a), 10-001(b), 10-001(c), 10-001(d)	County
	Property belongs to Los Alamos County and is currently used for recreational purposes. Potential future use includes residential.	

Site Ranking Sytem (SRS)
Grouped Results

Current owner (or controller) of the site is: (Non-DOE PRSs)

43	O1079, TA-45, Aggregate 11, 4 PRSs Radioacive Liquid Waste Treatment Area, 1-002, 45-001, 45-003, C-45-001 **Property belongs to Los Alamos County and is used by the County Utilities Department and the public.**	County
43	OU 1079, TA-45, Aggregate 12, 1 PRS Former Vehicle Decontamination Facility, 45-002 **Property belongs to Los Alamos County and is used by the County Utilities Department.**	County
35	OU 1079, TA-10, Aggregate 2, 2PRSs Former Solid Waste Pits 10-002(a), 10-002(b) **Property belongs to Los Alamos County and is currently used for recreational purposes. Potential future use includes residential.**	County
35	OU 1079, TA-10, Aggregate 3, 16 PRSs Former Liquid Rad Disposal System, 10-003(a-o); and 10-007, 1963 D&D Landfill **Property belongs to Los Alamos County and is currently used for recreational purposes. Potential future use includes residential.**	County
33	OU 1079, TA-32, Aggregate 10, 2PRSs Former Medical Research Facility Septic System, 32-002(a), 32-002(b) **Property belongs to Los Alamos County and is used by the County Works Department.**	County
33	OU 1079, TA-45, Aggregate 13, 1 PRS Sanitary Sewer Outfall, 45-004 **Property belongs to Los Alamos County and is used by the County Utilities Department.**	County
32	OU 1079, TA-31, Aggregate 8, 1 PRS Former Receiving Warehouse Septic System, 31-001 **Property belongs to Los Alamos County and is currently used for recreational purposes. Potential future use includes residential.**	County

Site Ranking Sytem (SRS)
Grouped Results

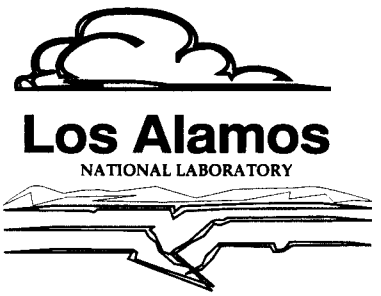
Current owner (or controller) of the site is: (Non-DOE PRSs)

28	OU 1079, TA-10, Aggregate 6, 1PRS Former Firing Site Debris Disposal Pit, 10-005	County
	Property belongs to Los Alamos County and is currently used for recreational purposes. Potential future use includes residential.	
28	OU 1079, TA-32, Aggregate 9, 1 PRS Former Incinerator Site, 32-001	County
	Property belongs to Los Alamos County and is used by the County Works Department.	
26	OU 1079, TA-10, Aggregate 4, 1PRS Former Personnel Building Septic System, 10-004(a)	County
	Property belongs to Los Alamos County and is currently used for recreational purposes. Potential future use includes residential.	
26	OU 1079, TA-10, Aggregate 5, 1PRS Former Radiochemistry Lab Septic System, 10-004(b)	County
	Property belongs to Los Alamos County and is currently used for recreational purposes. Potential future use includes residential.	
1154		**4**
62	OU 1154, TA57, AGG1, 1PRS	Private
	San Diego Land Grant?	
35	OU 1154, TA57, AGG4, 1PRS(no number)	Other Federal Agency
	Forest Service	
28	OU 1154, TA57, AGG3, 1PRS(no number)	Other Federal Agency
	Forest Service	
25	OU 1154, TA57, AGG2, 4PRSs	Other Federal Agency
	Forest Service	

Operable Unit Summary

of

Technology Development



Site Ranking Sytem (SRS)
Grouped Results

The site is a candidate for technology development.

1071		4
57	OU 1071, 0-018(b) - active (Bayo) wastewater treatment plant	High
46	SWMU 73-001 (d) Landfill	High
43	OU 1071, 0-019 Decommissioned wastewater treatment plant	High
36	OU 1071, 0-017 - waste lines	High

1082		1
72	OU 1082, TA-16, Aggragate 16, 2 PRSs HE Sumps & Outfall @ TA-16-260 16-003(k), & 16-021(c)	High
	This area is currently a testbed for INC Division's bioremediation project and would be an excellent candidate for practical applications of HE	

1086		14
56	F.S. E-F, 15-004(f),-008(a),-009(e)	High
	There are active programs for the removal of uranium from soil.	
51	SWMUs15-004(b), 15-004(c)	High
50	The Hollow, 15-011(c)(b)(a),-014(i)(k)(j)	High
50	Ector, SWMUs15-006(b),-009(h)	High
	Removal of U from soils.	
49	PHERMEX, 15-003, 006(a), 009(g)	High
	Removal of U in soil in development.	
47	R-44 SWMUs -006(c), -009(c)	High
	U in soils removal.	

Site Ranking Sytem (SRS)
Grouped Results

The site is a candidate for technology development.

47	F.S.-A,B, Wash., 15-012(b), -009(j), -004(b), -004(c)	High
	Is being developed.	
46	R-44, OU 1086, SWMU 15-008(b)	High
	Removal of U from soil being developed.	
46	F.S. G,15-004(g),-008(c),-009(i),-001,15-001	High
	Methods are being developed.	
46	F.S.-H,15-004(h),15-010(c),AOC C-15-011	High
	Active programs for the removal of uranium from soil.	
40	Firing Site C, 15-004(d), 15-004(a)	High
	Removal of U from soils ongoing program.	
40	MDA-Z, OU 1086, SWMU 15-007(b)	High
39	R-45, 15-006(d), -008(g), -009(b)	High
	U soil remediation.	
38	Burn Pit, SWMU 15-002	High
	U soil remediation.	

1098 — 5

76	OU 1098, SWMU 2-005; Cool.Tow.Drift Loss	High
	Remediation of chromium is possible with proven technologies.	
76	OU 1098, SWMU 2-009, Operational Rel.	High
	Geochemical barrier, soil washing/excavation, and groundwater pump and treat are viable techniques to remediate source term.	
74	OU 1098, SWMU 2-003; Decom. React Was.	High
	Geochemical barriers, soil washing, and pump and treat.	

Site Ranking Sytem (SRS)
Grouped Results

The site is a candidate for technology development.

74	OU 1098, SWMU 2-008, Outfalls	High
	Soil washing is viable technique for removing contaminants.	
71	OU 1098, SWMU 2-004; Omg. Wst. React.	High
	Geochemical barriers, soil washing to remove fission products.	
1100		**1**
29	OU 1100 / 53-006(a), (b), (c), (d), (e), (f)	High
	Need to be able to conduct integrity assessments for in-service LLW tanks.	
1106		**5**
57	21-016(a)-(c),21-011(c),21-28(a), Area T	High
56	21-015, MDA B	High
50	21-014, MDA A	High
47	21-017(a)-(c), MDA U	High
42	21-018(a), (b), MDA V	High
1111		**2**
50	OU 1111, TA-22, SWMU 22-015(c)	High
	Developing technologies are being considered in the pilot study.	
40	OU 1111, TA-6, Aggregate 1	High
	We are planning to use innovative geophysics in November 1993. Combined exhumation and characterization may also be desirable.	

Site Ranking Sytem (SRS)
Grouped Results

The site is a candidate for technology development.

1122		4
46	OU 1122, TA-33, South Site Surface, Aggregate #9, 7 PRSs [33-004-j, 33-006-a, 33-010-c, 33-010-g, 33-010-h, 33-011-c, 33-014] **Surface uranium present.. Excellent site to test air-flights for laser-induced fluorescence since this is a remote, mothballed site.**	High
25	OU 1122, TA-33, East Site and NRAO Subsurface Aggregate # 10, 4 PRS [33-004-c, 33-004-m, 33-007-a, 33-008-b] **Shallow remote sensing for objects in berms**	High
22	OU 1122, TA-33, MDA-E, Aggregate #1, 4 PRSs [33-001-a, 33-001-b, 33-001-c, 33-001-d] **Shallow subsurface remote sensing, air-borne multispectral scanning. Possible test site for laser-induced fluorescent.**	High
19	OU 1122, TA-33, South Site Subsurface berms and landfill, Aggregate #8, 3 PRSs [33-004-b, 33-007-b, 33-008-a] **Remote sensing techniques for material in berms (shallow burial)**	High
1132		**1**
65	OU1132, TA 39, Aggr C, 6 PRSs, Firing Sites **The potential contaminants of concern at these sites include depleted uranium and high explosives. Current available remedial technology is not**	High
1144		**12**
39	49-001G Soil Contamination Area 2 **Site has low level contamination, is isolated and well controlled. Concepts of magnetic separation could be tested at this site.**	High

Site Ranking Sytem (SRS)
Grouped Results

The site is a candidate for technology development.

38	49-003 Area 11 Leachfield	High
	Contamination is low, site isolated, and well controlled. Concepts of magnetic separation could be tested at this site.	
38	49-008a Area 5 Soil Contamination	High
	Contamination is low, site isolated, and well controlled.	
38	49-008b Area 6 Soil Contamination	High
	Contamination is low, site isolated, and well controlled. Concepts of magnetic separation could be tested at this site.	
38	49-008c Area 11 Soil Contamination	High
	Contamination is low, site isolated, and well controlled. Concepts of magnetic separation could be tested at this site.	
38	49-008d Area 12 Soil Contamination	High
	Contamination is low, site isolated, and well controlled. Concepts of magnetic separation could be tested at this site.	
29	49-001A AREA 1 SHAFTS	High
	Techniques associated with migration and location of TRW could be greatly reduced by using innovative technology.	
29	49-001C AREA 2a SHAFTS	High
	Techniques to detect TRW are being tested at this site. Concepts of barriers for TRW can be tested at this site.	
29	49-001D AREA 2b SHAFTS	High
	Techniques to detect TRW are being tested at this site. Concepts of barriers for TRW can be tested at this	

Site Ranking Sytem (SRS)
Grouped Results

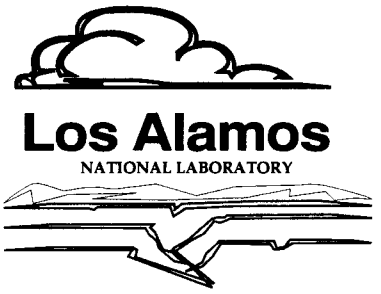
The site is a candidate for technology development.

29	49-001E AREA 3 SHAFTS	High
	Techniques to detect TRW are being tested at this site. **Concepts of barriers for TRW can be tested at this**	
29	49-001F AREA 4 SHAFTS	High
	Techniques to detect TRW are being tested at this site. **Concepts of barriers for TRW can be tested at this**	
26	49-001B AREA 2 SHAFTS	High
	Techniques to detect TRW are being tested at this site. Concepts of barriers for TRW can be tested at this site.	
1147		**2**
60	OU 1147, TA-50, SWMU 50-009	High
	We plan a test of an experimental geophysical array in Fall 1994. The wastes contained here are so varied and potentially dangerous that new	
42	OU 1147, TA-50, Aggregate 1	High
	Waste handling and packaging techniques; waste stabilization; D&D at old facility. Liquid radioactive waste treatment at new facility.	
1148		**1**
65	OU 1148, TA54, Agg. #1, MDA L	High
	Pilot Studies will investigate vapor extraction coupled with investigation of barometric effects and forced oscillatory flow on plume retraction and long-term	

Operable Unit Summary

of

Transfer of Property



Site Ranking Sytem (SRS)
Grouped Results

DOE is planning to or is being asked to transfer the property containing this site.

1071		7
44	OU 1071, 0-029(b) - Leakage from PCB	Yes
44	OU 1071, 0-016 - inactive firing range	Yes
44	OU 1071, 0-029(c) - leakage from PCB transformers	Yes
44	OU 1071, 0-029(a) - Leakage from PCB	Yes
31	OU 1071, 0-004 - active container storage, 6th St	Yes
29	OU 1071, 0-010(b) - landfill	Yes
26	OU 1071, 0-003 - decontaminated container storage area`	Yes
1106		**2**
47	21-007; 21-008; 21-019(a)-(m); 21-021,Airbn	Yes
	Portions of area could be transferred to LA County.	
32	21-029, DP Tank Farm	Yes
	Strong candidate for land transfer.	
1154		**4**
62	OU 1154, TA57, AGG1, 1PRS	Yes
	This particular PRS is on private land. No written documentation has been found that indicates permission for DOE to dump sludge in this former gravel pit. Evidently verbal permission was granted.	
35	OU 1154, TA57, AGG4, 1PRS(no number)	Yes
28	OU 1154, TA57, AGG3, 1PRS(no number)	Yes
25	OU 1154, TA57, AGG2, 4PRSs	Yes

Operable Unit Summary

of

No Further Action

Site Ranking Sytem (SRS)
Grouped Results

Potential for No Further Action with limited characterization.

1071		6
44	OU 1071, 0-029(b) - Leakage from PCB	High
44	OU 1071, 0-029(c) - leakage from PCB transformers	High
44	OU 1071, 0-029(a) - Leakage from PCB	High
35	SWMU 73-004 (b) Septic System	High
26	OU 1071, 0-003 - decontaminated container storage area`	High
22	SWMU 73-002 Airport Incinerator	High

1078		14
47	SWMU 01-003(a) - Bailey Bridge Canyon	High
	FY92 soil sampling should support an NFA decision	
38	SWMU 01-001(e) - Septic Tank 139	High
38	SWMU 01-003(d) - Can Dump Site	High
	FY92 soil sampling should support an NFA decision	
38	SWMU 01-003(e) - SE LA Inn Disposal Site	High
	FY92 soil sampling should support an NFA decision	
38	SWMU 01-001(a) - Septic Tank 134	High
	FY92 soil sampling should support a NFA decision	
38	SWMU 01-001(g) - Septic Tank 141	High
	FY92 soil sampling should support an NFA decision	
38	SWMU 01-006(a) - Cooling Tower 80 Drain	High
	FY92 soil sampling should support an NFA decision	

Site Ranking Sytem (SRS)
Grouped Results

Potential for No Further Action with limited characterization.

38	D Building Subarea	High
	Stratum 2 sampling in March and Stratum 1 sampling in September may have been adequate sampling for NFA	
38	SWMU 01-006(g) - Storm Drain SE Los Arbol	High
	FY92 soil sampling should support an NFA decision	
36	SWMU 01-001(o) - J Building Septic Line	High
	FY92 soil sampling should support an NFA decision	
32	SWMU 01-002 - Industrial Waste Line	High
	Biased verification sampling should not have to be extensive	
32	SWMU 01-006(h)	High
	Biased verification sampling should not have to be extensive	
26	SWMU 01-007(e) - Subsurface Contamination - Sigma Building	High
	High, if opportunity-available sampling will suffice as representative of entire area	
25	01-007(l) - Trinity Drive substrate	High

1079		4
33	OU 1079, TA-45, Aggregate 13, 1 PRS Sanitary Sewer Outfall, 45-004	High
32	OU 1079, TA-31, Aggregate 8, 1 PRS Former Receiving Warehouse Septic System, 31-001	High
28	OU 1079, TA-32, Aggregate 9, 1 PRS Former Incinerator Site, 32-001	High

Site Ranking Sytem (SRS)
Grouped Results

Potential for No Further Action with limited characterization.

26	OU 1079, TA-10, Aggregate 4, 1PRS Former Personnel Building Septic System, 10-004(a)	High
	There is a high probability that limited sampling will show no contamination.	
1082		**49**
38	OU 1082, TA-16, Aggragate 81, 1 PRSs TA-16-560 Year 3 SWMU 16-031(e)	High
	Based on experience with similar PRSs at OU 1082.	
36	OU 1082, TA-16, Aggragate 61, 9 PRSs 220 Line Year 3 SWMU 16-016(d), 16-026(i, j, k, l), 16-028(c), 16-030(c, e, f)	High
	Based on experience with similar PRSs at OU 1082.	
33	OU 1082, TA-16, Aggregate 1, 3 PRSs Blowdown tanks & drywells 16-001(a,b,c)	High
	PCOCs above SALs unlikely.	
31	OU 1082, TA-16, Aggragate 7, 2 PRSs HE Sumps & Outfalls 16-003(h), &16-030(d)	High
	PCOCs above SALs unlikely.	
31	OU 1082, TA-16, Aggragate 15, 1 PRSs HE Sumps & Outfalls 16-029(g)	High
	PCOCs above SALs unlikely.	
31	OU 1082, TA-16, Aggragate 22, 1 PRSs Septic Systems 16-006(e)	High
	PCOCs above SALs unlikely.	
31	OU 1082, TA-16, Aggragate 74, 3 PRSs TA-16-410 Line Year 3 SWMU 16-026(y,e2, f2)	High
	Based on experience with similar PRSs at OU 1082.	

Site Ranking Sytem (SRS)
Grouped Results

Potential for No Further Action with limited characterization.

29	OU 1082, TA-16, Aggragate 63, 4 PRSs TA-16-370 Year 3 SWMU 16-016(g), 16-026(a), 16-028(b), 16-031(a)	High
	Based on experience with similar PRSs at OU 1082.	
28	OU 1082, TA-16, Aggragate 47, 6 PRSs GMX-3 buildings w/o sumps 16-024(b,c,d), 16-025(a,b), C-16-064	High
	These PRSs are in an area in which the buildings have been razed and burned and the noncombustables removed.	
28	OU 1082, TA-16, Aggragate 68, 8 PRSs TA-16 Admin Area Magazines Year 3 SWMU 16-024(i, j, t, v), 16-025(e2, f2, g2, h2)	High
	Based on experience with similar PRSs at OU 1082.	
28	OU 1082, TA-16, Aggragate 71, 1 PRSs Firehouse Year 3 SWMU 16-026(r)	High
	Based on experience with similar PRSs at OU 1082.	
28	OU 1082, TA-16, Aggragate 84, 6 PRSs TA-16 Year 3 Old Firehouse 16-034(h, i, j, k), C-16-11, C-16-16	High
	Based on experience with similar PRSs at OU 1082.	
26	OU 1082, TA-16, Aggragate 31, 1 PRSs Surface Waste Disposal Area 16-016(b)	High
	PCOCs above SALs unlikely.	
26	OU 1082, TA-11, Aggragate 36, 6 PRSs Potential Surface Contamination 11-001(c), 11-012(a-d), C-11-002	High
	PCOCs above SALs unlikely.	
26	OU 1082, TA-16, Aggragate 50, 12 PRSs GMX-2 East 16-005(e), 16-015(c), 16-024(l, m, n), 16-025(w, y, z), 16-029(a2, c2), 16-034(m, n,)	High
	These PRSs are in an area in which the buildings have been razed and burned and the noncombustables removed.	

Site Ranking Sytem (SRS)
Grouped Results

Potential for No Further Action with limited characterization.

25	OU 1082, TA-16, Aggragate 13, 2 PRSs HE Sumps & Outfalls 16-029(e), & 16-026(h2)		High
	PCOCs above SALs unlikely.		
25	OU 1082, TA-16, Aggragate 14, 2 PRSs HE Sumps & Outfalls 16-029(f), & 16-026(j2)		High
	PCOCs above SALs unlikely.		
25	OU 1082, TA-11, Aggragate 35, 4 PRSs 11-005(c), 11-011(a,b,& d)	TA-11 Outfalls	High
	PCOCs above SALs unlikely.		
25	OU 1082, TA-16, Aggragate 37, 1 PRSs Waste Storage Area 16-013	Decomissioned	High
	PCOCs above SALs unlikely.		
25	OU 1082, TA-11, Aggragate 39, 1 PRSs Storage Area 11-010(b)	Container	High
	PCOCs above SALs unlikely.		
25	OU 1082, TA-11, Aggragate 40, 1 PRSs Discharge 11-011(c)	Boiler	High
	PCOCs above SALs unlikely.		
25	OU 1082, TA-16, Aggragate 46, 2 PRSs incinerators 16-011, 16-023(b)	GMX-3	High
	These PRSs are in an area in which the buildings have been razed and burned and the noncombustables removed.		

Site Ranking Sytem (SRS)
Grouped Results

Potential for No Further Action with limited characterization.

25	OU 1082, TA-16, Aggragate 64, 5 PRSs TA-16-430 Line Year 3 SWMU 16-021(b), 16-024(s), 16-026(x, d2), C-16-071	High
	Based on experience with similar PRSs at OU 1082.	
25	OU 1082, TA-16, Aggragate 69, 2 PRSs 300 Line Year 3 SWMU 16-026(f), 16-026(z)	High
	Based on experience with similar PRSs at OU 1082.	
25	OU 1082, TA-16, Aggragate 70, 3 PRSs 280 Line Year 3 SWMU 16-026(g, h, g2)	High
	Based on experience with similar PRSs at OU 1082.	
25	OU 1082, TA-16, Aggragate 72, 1 PRSs TA-16-207 Year 3 SWMU 16-026(t)	High
	Based on experience with similar PRSs at OU 1082.	
25	OU 1082, TA-16, Aggragate 73, 1 PRSs TA-16-195 Year 3 SWMU 16-026(u)	High
	Based on experience with similar PRSs at OU 1082.	
25	OU 1082, TA-16, Aggragate 75, 1 PRSs TA-16-200 Year 3 SWMU 16-026(a2)	High
	Based on experience with similar PRSs at OU 1082.	
25	OU 1082, TA-16, Aggragate 76, 2 PRSs TA-16-202 Year 3 SWMU 16-026(b2), 16-028(d)	High
	Based on experience with similar PRSs at OU 1082.	
25	OU 1082, TA-16, Aggragate 77, 1 PRSs TA-16-462 Year 3 SWMU 16-026(c2)	High
	Based on experience with similar PRSs at OU 1082.	
25	OU 1082, TA-16, Aggragate 79, 2 PRSs TA-16-450 Year 3 SWMU 16-028(e), 16-003(q)	High
	Based on experience with similar PRSs at OU 1082.	
25	OU 1082, TA-16, Aggragate 86, 3 PRSs TA-16 Year 3 Oil Switchs C-16-047, C-16-051, C-16-058	High
	Based on experience with similar PRSs at OU 1082.	

Site Ranking Sytem (SRS)
Grouped Results

Potential for No Further Action with limited characterization.

25	OU 1082, TA-16, Aggragate 87, 1 PRSs Cross-over Platform C-16-061		High
	Based on experience with similar PRSs at OU 1082.		
24	OU 1082, TA-16, Aggregate 2, 1 PRSs Blowdown tanks & drywells 16-001(d)		High
	PCOCs above SALs unlikely.		
24	OU 1082, TA-11, Aggragate 17, 2 PRSs Systems 11-005(a,b)	Septic	High
	PCOCs above SALs unlikely.		
24	OU 1082, TA-16, Aggragate 23, 1 PRSs Testing Lab 16-021(a)	Materials	High
	PCOCs above SALs unlikely.		
24	OU 1082, TA-16, Aggragate 54, 1 PRSs Septic System 16-005(f)		High
	PCOCs above SALs unlikely.		
24	OU 1082, TA-16, Aggragate 62, 2 PRSs TA-16-360 Year 3 SWMU 16-016(e, f)		High
	Based on experience with similar PRSs at OU 1082.		
24	OU 1082, TA-16, Aggragate 85, 1 PRSs TA-16 Year 3 Aboveground Tank 16-037		High
	Based on experience with similar PRSs at OU 1082.		
21	OU 1082, TA-16, Aggragate 19, 2 PRSs Systems 16-006(a), 16-026(i2)	Septic	High
	PCOCs above SALs unlikely.		

Site Ranking Sytem (SRS)
Grouped Results

Potential for No Further Action with limited characterization.

21	OU 1082, TA-16, Aggragate 30, 1 PRSs Surface Waste Disposal Area 16-016(a)	High
	PCOCs above SALs unlikely.	
21	OU 1082, TA-16, Aggragate 67, 8 PRSs TA-16-488 P-Site Year 3 SWMU 16-024(a,u), 16-025(d2), 16-029(h), 16-031(h), C-16-049, C-16-050, C-16-060	High
	Based on experience with similar PRSs at OU 1082.	
19	OU 1082, TA-16, Aggragate 21, 1 PRSs Septic Systems 16-006(d)	High
	PCOCs above SALs unlikely.	
19	OU 1082, TA-16, Aggragate 82, 1 PRSs TA-16-21 Year 3 SWMU 16-031(f)	High
	Based on experience with similar PRSs at OU 1082.	
17	OU 1082, TA-16, Aggragate 53, 1 PRSs Septic System 16-005(a)	High
	PCOCs above SALs unlikely.	
17	OU 1082, TA-16, Aggragate 55, 1 PRSs Septic System 16-005(k)	High
	PCOCs above SALs unlikely.	
17	OU 1082, TA-16, Aggragate 56, 1 PRSs Septic System 16-005(l)	High
	PCOCs above SALs unlikely.	
15	OU 1082, TA-13, Aggragate 18, 2 PRSs Septic Systems 13-003(a,b), 16-005(i)	High
	PCOCs above SALs unlikely.	

Site Ranking Sytem (SRS)
Grouped Results

Potential for No Further Action with limited characterization.

15	OU 1082, TA-16, Aggragate 20, 1 PRSs Septic Systems 16-006(c)	High
	PCOCs above SALs unlikely.	
1085		**8**
29	OU1085, TA-14, Aggregate #2, 6 PRs 14-002 a, b, c, d, e, f Decom. Firing Sites	High
	The wastes could be mixed.	
28	OU1085, TA-14, Aggregate #3, 4 PRSs C-14-001, -006, -008, -009 Magazines	High
	It is possible that no explosives are present at these magazines.	
26	OU1085, TA-14, 14-003 Trash Burning Area	High
26	OU1085, TA-14, Aggregate #5, 5 PRSs C-14-002, -003, -004, -005, -007 Removed Bldgs	High
	It is very likely that no contaminants will be found at these PRSs.	
24	OU 1085, TA-12, Aggregate 6 C-12-001 through C-12-005	High
	There is a high probability that no contaminants are present.	
24	OU1085, TA-14, Aggregate #4, 2 PRSs 14-006 & 14-010 Decom. Sump	High
24	OU1085, TA-14, 14-007, Decom. Septic Syst.	High
	There is a good possibility that no contaminants will be found in this PRS.	
22	OU 1085, TA-12, 12-004(a)	High
	No contaminants are likely to be the site.	

Site Ranking Sytem (SRS)
Grouped Results

Potential for No Further Action with limited characterization.

1086		6
42	The Hollow, 15-011(c)(b)(a),-014(i)(k)(j)	High
	Probably no remediation necessary.	
42	R-183, 15-005(b),-009(k),-014(a)(b),-009(f)	High
40	Firing Site C, 15-004(d), 15-004(a)	High
	Probably not much to be found.	
33	R-22, OU 1086, SWMU 15-008(d)	High
	Few samples.	
32	HE at F.S.- C, 15-005(c)	High
	Possible HE in a small area.	
28	15-007(a),AOC C-15-005,C-15-006, MDA-N	High
	Probably just need a few samples.	

1093		8
49	18-001(a) Inactive sewage lagoons	High
	Limited available data and process knowledge suggest that no contamination will be present.	
39	18-010(b,c,d,e,f) Storm drain outfalls	High
	.No contamination is expected to be present; there have been no known historical releases to these storm drains.	
38	18-011, Potential soil contamination	High
	.No contamination is expected to be presen t; the release was small, and was cleaned up, but not documented.	
35	18-005(a) Former magazine site	High
	Operational history suggests little to no contamination will be present	

Site Ranking Sytem (SRS)
Grouped Results

Potential for No Further Action with limited characterization.

35	27-001, Buried naval guns	High
	Buried material is not expected to be located.	
33	18-007 Buried armored vehicle	High
	There is a high probability that this tank does not exist, or will not be located.	
29	18-001(b)- Inactive sanitary waste line	High
	Process knowledge suggests that contamination is unlikely to be detected.	
28	18-004(a,b) decommissioned waste tanks	High
	Operational history suggests no contaminants are present	
1100		**9**
49	OU 1100 / 20-002(a), (b), (c), (d)	High
	Expect that Phase I will verify that residuals were removed in past.	
44	OU 1100 / 20-003(b)	High
	Expect low probability of finding contamination.	
44	OU 1100 / 20-003(c)	High
	Expect low probability of finding contamination.	
44	OU 1100 / 20-004	High
	Expect low probability of finding contamination.	
43	OU 1100 / 53-012(e)	High
	Low probability of COCs.	
40	OU 1100 / 20-001(a), (b), (c)	High
	Expect that Phase I will verify that wastes were removed during 1940s.	
40	OU 1100 / 20-005	High
	Expect low probability of finding contamination.	

Site Ranking Sytem (SRS)
Grouped Results

Potential for No Further Action with limited characterization.

38	OU 1100 / 53-008	High
	Contamination not expected.	
29	OU 1100 / 53-005	High
	Contamination not expected to be found because of previous cleanup efforts.	
1106		**30**
39	21-013(f), Surface Disposal	High
39	21-024(a), Septic System/Outfall	High
39	21-024(b), Septic System/Outfall	High
39	21-024(c), Septic System/Outfall	High
39	21-024(d), Septic System/Outfall	High
39	21-024(e), Septic System/Outfall	High
39	21-024(j), (k), Septic System/Outfall	High
39	21-024(o), Septic System/Outfall	High
39	21-027(c), Surface Drainage	High
39	EPA-02A129, EPA Outfall	High
39	EPA-03A035, EPA Outfall	High
39	EPA-03A036, EPA Outfall	High
39	EPA-03A037, EPA Outfall	High
39	EPA-04A142, EPA Outfall	High
36	21-009 Former Waste Trt. Lab.	High

Site Ranking Sytem (SRS)
Grouped Results

Potential for No Further Action with limited characterization.

36	21-013(d), (e), Surface Disposal	High
35	21-013(c), Surface Disposal	High
35	21-024(f), Septic System/Outfall	High
35	21-024(g), Septic System/Outfall	High
35	21-024(h), Septic System/Outfall	High
35	21-024(l), Septic System/Outfall	High
35	21-024(n), Septic System/Outfall	High
33	21-020(a), FIlter Bldg. 21-12	High
32	21-020(b), Filter Bldg. 153	High
32	21-029, DP Tank Farm	High
31	21-028(d), Ctr. Stg. Area	High
29	21-005, Acid Pit	High
22	21-012(b), Steam Plant - Dry Well	High
18	21-004(a), Above Grnd. Tank	High
14	21-028(c), Active Ctr. Stg. Area	High
1111		1
40	OU 1111, TA-6, Aggregate A	High

Most of these PRSs are believed to contain little or no contamination. Phase I sampling may be a basis for no further action for most of them.

Site Ranking Sytem (SRS)
Grouped Results

Potential for No Further Action with limited characterization.

1114		16
43	OU1114, Aggregate 15, TA-3, 29 PRSs 3-014(a), 3-014(b), 3-014(c), 3-014(d) 3-014(e), 3-014(f), 3-014(g), 3-014(h), 3-014(i), 3-014(j), **Very likely that COCs will not be found in concentrations greater than the SAL.**	High
40	OU1114, Aggregate 07, TA-3, 2 PRS 3-054(e), C-3-006 **If COCs are not found over the SAL with limited charecterization, site will be recommended for NFA.**	High
36	OU1114, Aggregate 06, TA-60, 2 PRS 60-007(b), C-60-005 **If COCs are not found over the SAL with limited characterization, site will be recommended for NFA.**	High
36	OU1114, Aggregate 23, TA-3/-61, 5 PRSs 3-003(a), 3-003(b), 3-056(c), 3-042, 61-001 **If limited characterization reveals that the contaminants have not migrated and are below SALs, VCA will not be required and NFA will be**	High
35	OU1114, Aggregate 08, TA-3, 1 PRS 3-015 **If COCs are not found over the SAL with limited characterization, site will be recommended for NFA.**	High
35	OU1114, Aggregate 22, TA-3, 1 PRS 3-054(b) **It is strongly felt that contamination will be below SALs since this is an NPDES permitted outfall and is monitored.**	High
33	OU1114, Aggregate 04, TA-3, 1 PRS 3-002(c) **Area of potential contamination is well defined, small area (30 x 30 ft). If limited charaterization shows levels below the SAL, NFA will be recommended.**	High

Site Ranking Sytem (SRS)
Grouped Results

Potential for No Further Action with limited characterization.

33	OU1114, Aggregate 12, TA-3, 3 PRSs 3-012(b), 3-045(b), 3-045(c)	High
	Very likely that COCs will not be found in concentrations greater than the SAL.	
32	OU1114, Aggregate 14, TA-3, 1 PRS 3-059	High
	Area of potential contamination is defined. If limited charaterization shows COCs to be below the SAL, NFA will be recommended.	
32	OU1114, Aggregate 09, TA-59, 1 PRS 59-004	High
	If COCs are not detected in amounts exceeding the SAL with limited charecterization, site will be recommended for NFA.	
29	OU1114, Aggregate 10, TA-3, 5 PRSs 3-003(h), 3-003(j), 3-003(k), 3-003(l), 3-003(m)	High
	Areas of potential contamination are small and well defined. If limited charaterization show COCs to be below the SAL, NFA will be recommended.	
28	OU1114, Aggregate 13, TA-3, 1 PRS 3-001(i)	High
	Area of potential contamination is well defined. If limited charaterization shows COCs to be below the SAL, NFA will be recommended.	
26	OU1114, Aggregate 03, TA-3, 1 PRS 3-021	High
	If the area containing COCs is sampled, and analysis determine COCs to be less than SALs with limited charecterization, NFA will be recommended.	
24	OU1114, Aggregate 11, TA-3, 1 PRS 3-033	High
	Area of potential contamination is small and well defined. If limited charaterization show COCs to be below the SAL, NFA will be recommended.	

Site Ranking Sytem (SRS)
Grouped Results

Potential for No Further Action with limited characterization.

21	OU1114, Aggregate 20, TA-3, 4 PRSs 3-013(a), 3-013(b), 3-023, 3-052(f) **It is strongly felt that contamination will be below SALs since the sources of the contaminants have been inoperative for many years.**	High
17	OU1114, Aggregate 16, TA-60, 1 PRS 60-006(a) **It is believed that only very small, less than SALs, amounts of contaminants could have entered the septic tank.**	High

1122		7
38	OU 1122, TA-33, Main Site Surface, Aggregate #5, 13 PRSs [33-004-h, 33-004-i, 33-005-b, 33-005-c, 33-010-f, 33-011-a, 33-011-d, 33-011-e, 33-012-a, 33-013, 33-015, 33-016, **Contamination expected to be low**	High
38	OU 1122, TA-33 Area 6, 5 PRSs [33-004-d, 33-004-g, 33-007-c, 33-009, 33-010-e] **Sampling completed, data not yet evaluated**	High
36	OU 1122, TA-33, East Site and NRAO Surface, Aggregate #11, 8 PRS [33-004-k, 33-004-i, 33-006-b, 33-010-a, 33-010-b, 33-010-d, 33-011-b, C-33-002] **No contamination expected here.**	High
28	OU 1122, TA-33, South Site Subsurface berms and landfill, Aggregate #8, 3 PRSs [33-004-b, 33-007-b, 33-008-a] **Contamination not expected**	High
25	OU 1122, TA-33, East Site and NRAO Subsurface Aggregate # 10, 4 PRS [33-004-c, 33-004-m, 33-007-a, 33-008-b]	High
19	OU 1122, TA-33, South Site Subsurface berms and landfill, Aggregate #8, 3 PRSs [33-004-b, 33-007-b, 33-008-a] **Contamination not expected**	High

Site Ranking Sytem (SRS)
Grouped Results

Potential for No Further Action with limited characterization.

17	OU 1122, TA-33, MDA-D, Aggregate #3, 2 PRSs [33-003-a, 33-003-b]	High
	Abandon in place	
1129		**9**
61	OU 1129, Ta-35, Group 16	High
	This outfall has been sampled under NPDES requirements.	
58	OU 1129, TA-48, Group 21	High
	Phase I sampling was completed in September 1993. Preliminary incomplete data sets appear to show contaminant concentrations below SALs.	
54	OU 1129, TA-35, Group 18	High
	The group has a good potential for NFA after Phase I investigation. Storm water outfall and electropolishing wastewater.	
54	OU 1129, TA-48, Group 20	High
	Sampling points were based on modeling of contaminant behavior. Preliminary incomplete data sets appear to show contaminant concentrations	
53	OU1129, TA-4 , Group 2	High
	This area is very small, approximately 25 feet wide, 35 feet long and 9 feet of depth at centers.	
51	OU 1129, TA-48, Group 7	High
	Phase I sampling was completed in September 1993. Preliminary incomplete data sets appear to show contaminant concentrations below SALs.	
51	OU 1129, TA-48, Group 7	High
	Phase I sampling was completed in September 1993. Preliminary incomplete data sets appear to show contaminant concentrations below SALs.	

Site Ranking Sytem (SRS)
Grouped Results

Potential for No Further Action with limited characterization.

33	OU 1129, TA-42, Group 19	High
	Phase I sampling was completed at this site in August 1992. Associated PRSs will be recommeded for NFA.	
32	OU 1129, TA-63, Group 26	High
	Septic systems are still active and have not received hazardous waste.	
1130		**7**
62	Photo Outfall (C-36-003)	High
	COCs may very well be below SALs.	
51	Sump (36-002)	High
	COCs may very well be below SALs.	
44	Boneyard (36-005)	High
	COCs may very well be below SALs.	
43	MDA AA (36-001) and Burn Pits (36-004)	High
	COCs may very well be below SALs.	
43	Sump (36-003b)	High
	COCs may very well be below SALs.	
43	Surface Disposal Area (36-006)	High
	COCs may very well be below SALs.	
17	Portable Vessel (AOC C-36-001)	High
	COCs may very well be below SALs.	
1132		**1**
36	OU1132, TA 39, Aggr. B, 8 PRSs Strge Areas	High

Site Ranking Sytem (SRS)
Grouped Results

Potential for No Further Action with limited characterization.

1140		7
50	OU 1140, TA-46, Exhaust Stack Emissions Aggregate #2, 3 PRSs [46-004-d2, 46-aoc-002, 46-aoc-003]	High
	Widely dispersed, therefore low concentrations anticipated	
50	OU 1140, TA-46, Outfall Aggregate #3, 16 PRSs [46-004-f, 46-004-m, 46-004-q, 46-004-r, 46-004-s, 46-004-t, 46-004-u, 46-004-v, 46-004-w, 46-004-x, 46-004-y,	High
	Small quantities of contaminants. Successful NFA likely for individual drainage channels and contributing PRSs.	
50	OU 1140,TA-46, Outfall/Stack Emissions/Drainline Aggregate #4, 2 PRSs [46-004-g, 46-004-h]	High
	Small quantities of contaminants.	
50	OU 1140, TA-46, PRS 46-003-f	High
	•Small quantities of contaminants. •Most surface contaminants probably removed with sand filter removal. •No contaminants expected in outfalls	
42	OU 1140, TA-46, Septic with Surface Release Aggregate #6, 2 PRSs [46-003-a, 46-003-g]	High
	Small quantities of contaminants No contaminants expected in outfalls.	
38	OU 1140, TA-46, Septic, Subsurface Only, Aggregate #5, 3 PRSs [46-003-b, 46-003-c, 46-003-e]	High
	Small quantities of contaminants	
31	OU 1140, TA-46, PRS 46-005	High
	Small quantities of contaminants.	

Site Ranking Sytem (SRS)
Grouped Results

Potential for No Further Action with limited characterization.

1144		**4**
22	49-004 Landfill Area 6	High
	No evidence that landfill contains contaminated materials that are substantially above action levels.	
22	49-005a&b Landfills	High
	No evidence that landfill contains contaminated materials that are substantially above action levels.	
18	49-007a&b Septic Systems	High
	Already permitted septic system.	
11	49-002 Underground Chamber Area 10	High
	No known contamination.	
1147		**2**
38	OU 1147, TA-50, Aggregate 5	High
	Negative findings from recent soil sampling could support No Further Action.	
26	OU 1147, TA-50, SWMU 50-011(a)	High
	Results below screening action levels from Phase 1 sampling may be a basis for No Further Action.	
1148		**1**
32	OU 1148, TA51 and TA54 West, Agg. #5	High
	The other three SWMU's associated with TA-51 are being recommended for NFA.	
1154		**2**
35	OU 1154, TA57, AGG4, 1PRS(no number)	High
	Likely to not have high concentration levels of contamination.	

Site Ranking Sytem (SRS)
Grouped Results

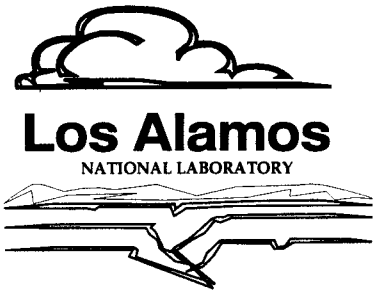
Potential for No Further Action with limited characterization.

25	OU 1154, TA57, AGG2, 4PRSs	High
	Likely that contaminants are not at high levels of concern.	
1157		**9**
60	OU 1157, TAs-8,-9,-23,and-69, AGG9, 4PRSs	High
	Not likely to have high levels of contaminants.	
54	OU 1157, TAs-8,-9,-23,and-69,AGG15, 1PRS	High
	High concentrations of contaminants not expected.	
40	OU 1157, TAs-8,-9,-23, and-69, AGG1, 1PRS	High
	High levels of contamination are not likely.	
40	OU 1157,TAs-8,-9,-23,and-69,AGG11, 1PRS	High
	High levels of contaminants are not expected.	
40	OU 1157, TAs-8,-9,-23,and-69,AGG16,1PRS	High
	High concentrations not expected.	
39	OU 1157, TAs-8,-9,-23, and-69, AGG2, 1PRS	High
	Not likely to find high levels of contaminants.	
35	OU 1157, TAs-8,-9,-23, and-69,AGG17,1PRS	High
	High concentrations not expected.	
29	OU 1157, TAs-8,-9,-23, and-69, AGG8, 1PRS	High
	High concentration levels are not expected.	
21	OU 1157, TAs-8,-9,-23, and-69, AGG5, 1PRS	High
	Not likely to have high levels of contamination.	

Operable Unit Summary

of

Benefit to Cost



Site Ranking Sytem (SRS)
Grouped Results

Ratio of benefit to cost (e.g., risk reduction or uncertainty reduction).

1071		5
51	OU 1071, 0-011(d) - ordnance impact area	High
51	OU 1071, 0-011(a) - ordnance impact area	High
49	SWMU C - 0-020 Ordnance Impact Area	High
46	OU 1071, 0-011(e) - ordnance impact area	High
43	OU 1071, 0-011(c) - ordnance impact area	High

1078		8
47	SWMU 01-003(a) - Bailey Bridge Canyon	High
	Soil sampling completed may be sufficient for an NFA recommendation	
38	SWMU 01-003(d) - Can Dump Site	High
	Soil sampling completed may be sufficient for an NFA recommendation	
38	SWMU 01-003(e) - SE LA Inn Disposal Site	High
	Soil sampling completed may be sufficient for an NFA recommendation	
38	SWMU 01-001(a) - Septic Tank 134	High
	Soil sampling completed may be sufficient for an NFA recommendation	
38	SWMU 01-001(g) - Septic Tank 141	High
	Soil sampling completed may be sufficient for an NFA recommendation	
38	SWMU 01-006(a) - Cooling Tower 80 Drain	High
	Soil sampling completed may be sufficient for an NFA recommendation	

Site Ranking Sytem (SRS)
Grouped Results

Ratio of benefit to cost (e.g., risk reduction or uncertainty reduction).

38	D Building Subarea	High
	Soil sampling completed may be sufficient for an NFA recommendation	
38	SWMU 01-006(g) - Storm Drain SE Los Arbol	High
	Soil sampling completed may be sufficient for an NFA recommendation	
1079		**5**
33	OU 1079, TA-32, Aggregate 10, 2PRSs Former Medical Research Facility Septic System, 32-002(a), 32-002(b)	High
	This PRS is expected to be a strong NFA candidate with a small amount of sampling.	
33	OU 1079, TA-45, Aggregate 13, 1 PRS Sanitary Sewer Outfall, 45-004	High
	This PRS is expected to be a strong NFA candidate with a small amount of sampling.	
32	OU 1079, TA-31, Aggregate 8, 1 PRS Former Receiving Warehouse Septic System, 31-001	High
	This PRS is expected to be a strong NFA candidate with a small amount of sampling.	
28	OU 1079, TA-32, Aggregate 9, 1 PRS Former Incinerator Site, 32-001	High
	This PRS is expected to be a strong NFA candidate with a small amount of sampling.	
26	OU 1079, TA-10, Aggregate 4, 1PRS Former Personnel Building Septic System, 10-004(a)	High
	This PRS is expected to be a strong NFA candidate with a small amount of sampling.	

Site Ranking Sytem (SRS)
Grouped Results

Ratio of benefit to cost (e.g., risk reduction or uncertainty reduction).

1082			3
72	OU 1082, TA-16, Aggragate 16, 2 PRSs HE Sumps & Outfall @ TA-16-260 16-003(k), & 16-021(c)		High
	Very high risk area, should receive timely attention		
53	OU 1082, TA-16, Aggragate 41, 1 PRSs P 16-018	MDA	High
	Under the sampling reccommended in the closure great reduction in the uncertainty will be achived.		
50	OU 1082, TA-11, Aggragate 34, 15 PRSs Site 11-001(a,b), 11-002, 11-003(b), 11-004(a-f), 11-006(a-d), C11-001	TA-11 Firing	High
	By remediating this site at D&D great risk reduction from scattered HE will be achieved. In the meantime phase 1 sampling is needed to identify possible		

1085			2
29	OU1085, TA-14, Aggregate #2, 6 PRs 14-002 a, b, c, d, e, f Decom. Firing Sites		High
	There is a high benefit to cost ratio. It should be easy to cleanup and thus reduce the uncertainty of the contamination.		
24	OU1085, TA-14, Aggregate #4, 2 PRSs 14-006 & 14-010 Decom. Sump		High
	Cleanup of the sump should be a straight forward procedure and if done would removal/reduce risk.		

1086			8
50	The Hollow, 15-011(c)(b)(a),-014(i)(k)(j)		High
46	R-44, OU 1086, SWMU 15-008(b)		High
42	The Hollow, 15-011(c)(b)(a),-014(i)(k)(j)		High

Site Ranking Sytem (SRS)
Grouped Results

Ratio of benefit to cost (e.g., risk reduction or uncertainty reduction).

40	MDA-Z, OU 1086, SWMU 15-007(b)	High
38	R-8, OU 1086, SWMU 15-010(b)	High
	Easy to define HEs and reduce risk.	
33	R-22, OU 1086, SWMU 15-008(d)	High
	Probably can be NFA.	
32	HE at F.S.- C, 15-005(c)	High
	Possible HE around a small HE storage area.	
28	15-007(a),AOC C-15-005,C-15-006, MDA-N	High
	Limited area which has been covered with dirt.	
1093		**1**
53	27-003 Bazooka Impact Area	High
	Benefits will be high, at low to moderate cost.	
1098		**2**
56	OU 1098, SWMU 2-012, Soil Con. Tanks	High
	Remove tank as VCA.	
44	OU 1098, SWMU 41-001, Septic System	High
1106		**10**
67	21-011(k), Outfall Bldg. 257	High
	Moderate cost/high benefit.	
57	21-016(a)-(c),21-011(c),21-28(a), Area T	High
	High benefit/moderate cost.	
56	21-015, MDA B	High
	Capping will provide moderate cost/high benefit.	

Site Ranking Sytem (SRS)
Grouped Results

Ratio of benefit to cost (e.g., risk reduction or uncertainty reduction).

53	21-024(i), Septic System/Outfall	High
	High benefit/low cost.	
50	21-014, MDA A	High
	Moderate cost/high benefit.	
47	21-017(a)-(c), MDA U	High
	High benefit/moderate cost.	
42	21-018(a), (b), MDA V	High
	Moderate benefit/moderate cost.	
42	21-027(b), 24-024(m), Surface Drainage	High
	Moderate benefit/low cost	
32	21-029, DP Tank Farm	High
	High benefit/low cost.	
29	21-022(a), Acid Waste Line/Sumps	High
	High benefit/moderate cost.	
1111		**2**
50	OU 1111, TA-22, SWMU 22-015(c)	High
	The area is extensive and remediation is potentially expensive.	
40	OU 1111, TA-6, Aggregate A	High
	The area is extensive and remediation is potentially expensive. No Further Action is likely.	
1114		**4**
44	OU1114, Aggregate 01, TA-3, 1 PRS 3-050(a)	High
	Relatively small cost of sample collection and analyses compared to the large reduction of uncertainty.	

Site Ranking Sytem (SRS)
Grouped Results

Ratio of benefit to cost (e.g., risk reduction or uncertainty reduction).

32	OU1114, Aggregate 09, TA-59, 1 PRS 59-004 **Relatively few samples will greatly reduce uncertainty, and most likely result in an NFA.**	High
17	OU1114, Aggregate 16, TA-60, 1 PRS 60-006(a) **High benefit is derived from the low cost to characterize and remediate PRS, compared to the low human health and/or environmental risk factors**	High
11	OU1114, Aggregate 18, TA-60, 4 PRSs 60-004(b), 60-004(d), 60-004(e), 60-007(a) **High benefit is derived from the low cost to characterize and remediate PRS, compared to the low human health and/or environmental risk factors**	High
1122		**9**
38	OU 1122, TA-33, Main Site Surface, Aggregate #5, 13 PRSs [33-004-h, 33-004-i, 33-005-b, 33-005-c, 33-010-f, 33-011-a, 33-011-d, 33-011-e, 33-012-a, 33-013, 33-015, 33-016,	High
38	OU 1122, TA-33 Area 6, 5 PRSs [33-004-d, 33-004-g, 33-007-c, 33-009, 33-010-e]	High
36	OU 1122, TA-33, East Site and NRAO Surface, Aggregate #11, 8 PRS [33-004-k, 33-004-i, 33-006-b, 33-010-a, 33-010-b, 33-010-d, 33-011-b, C-33-002]	High
29	OU 1122, TA-33, Main Site Subsurface Aggregate #4, 2 PRSs [33-004-a, 33-005-a]	High
28	OU 1122, TA-33, South Site Subsurface berms and landfill, Aggregate #8, 3 PRSs [33-004-b, 33-007-b, 33-008-a]	High
25	OU 1122, TA-33, East Site and NRAO Subsurface Aggregate # 10, 4 PRS [33-004-c, 33-004-m, 33-007-a, 33-008-b]	High

Site Ranking Sytem (SRS)
Grouped Results

Ratio of benefit to cost (e.g., risk reduction or uncertainty reduction).

22	OU 1122, TA-33, MDA-E, Aggregate #1, 4 PRSs [33-001-a, 33-001-b, 33-001-c, 33-001-d]	High
19	OU 1122, TA-33, South Site Subsurface berms and landfill, Aggregate #8, 3 PRSs [33-004-b, 33-007-b, 33-008-a]	High
17	OU 1122, TA-33, MDA-D, Aggregate #3, 2 PRSs [33-003-a, 33-003-b]	High
1129		**4**
72	OU 1129, TA-35, Group 8	High
	Lagoons are known to be leaking, the risk associated with the contamination is high (cost will probably be high also) so the benefit for risk reduction is	
69	OU 1129, TA-35, Group 10	High
	Previous D&D efforts left contamination in place at depth. Surface cover is eroding and exposing contaminated soils and materials. Benefit of reduced	
69	OU 1129, TA-48, Group 24	High
	A high benefit to cost ratios exist. For a relatively small cost, this risk can be eliminated.	
32	OU 1129, TA-63, Group 26	High
	Minimal sampling will be used to confirm the risk level, and provide the basis for NFA recommendation.	
1130		**7**
62	Photo Outfall (C-36-003)	High
	If COCs are below SALs, uncertainty reduction would be high and costs would be low.	
51	Sump (36-002)	High
	If COCs are below SALs, uncertainty reduction would be high and costs would be low.	

Site Ranking Sytem (SRS)
Grouped Results

Ratio of benefit to cost (e.g., risk reduction or uncertainty reduction).

44	Boneyard (36-005)	High
	If COCs are below SALs, uncertainty reduction would be high and costs would be low.	
43	MDA AA (36-001) and Burn Pits (36-004)	High
	If COCs are below SALs, uncertainty reduction would be high and costs would be low.	
43	Sump (36-003b)	High
	If COCs are below SALs, uncertainty reduction would be high and costs would be low.	
43	Surface Disposal Area (36-006)	High
	If COCs are below SALs, uncertainty reduction would be high and costs would be low.	
17	Portable Vessel (AOC C-36-001)	High
	If COCs are below SALs, uncertainty reduction would be high and costs would be low.	
1132		3
65	OU1132, TA 39, Aggr. A, 2 PRSs, Landfills	High
	The inactive landfills lie in a stream channel and are currently being eroded by periodic flooding, however, the cost of remediation will be high.	
61	OU1132, TA 39, Aggr D, 4 PRSs, Septic Sys	High
36	OU1132, TA 39, Aggr. B, 8 PRSs Strge Areas	High
	Storage areas may not require extensive remedial action.	

Site Ranking Sytem (SRS)
Grouped Results

Ratio of benefit to cost (e.g., risk reduction or uncertainty reduction).

1140		9
50	OU 1140, TA-46, Exhaust Stack Emissions Aggregate #2, 3 PRSs [46-004-d2, 46-aoc-002, 46-aoc-003]	High
	High probability of NFA with limited characterization; would reduce uncertainty.	
50	OU 1140, TA-46, Outfall Aggregate #3, 16 PRSs [46-004-f, 46-004-m, 46-004-q, 46-004-r, 46-004-s, 46-004-t, 46-004-u, 46-004-v, 46-004-w, 46-004-x, 46-004-y,	High
	Contamination expected for some PRSs. Some will very likely be recommended for NFA after Phase I investigation.	
50	OU 1140,TA-46, Outfall/Stack Emissions/Drainline Aggregate #4, 2 PRSs [46-004-g, 46-004-h]	High
	High probability of NFA with limited characterization; would reduce uncertainty.	
50	OU 1140, TA-46, PRS 46-003-f	High
	High probability of NFA with limited characterization; would reduce uncertainty.	
42	OU 1140, TA-46, Dry Well Aggregate #1, 4 PRSs [46-004-c, 46-004-d, 46-004-e, 46-004-p]	High
	VCA would reduce risk and uncertainty, and is less costly than characterization and subsequent corrective action. Early VCA would reduce uncertainty	
42	OU 1140, TA-46, Septic with Surface Release Aggregate #6, 2 PRSs [46-003-a, 46-003-g]	High
	High probability of NFA with limited characterization would reduce uncertainty. Early investigation (46-003-g) would reduce uncertainty of RCRA	
42	OU 1140, TA-46, PRS 46-003-d	High
	VCA would reduce risk and uncertainty, and is less costly than characterization and subsequent corrective action.	

Site Ranking Sytem (SRS)
Grouped Results

Ratio of benefit to cost (e.g., risk reduction or uncertainty reduction).

38	OU 1140, TA-46, Septic, Subsurface Only, Aggregate #5, 3 PRSs [46-003-b, 46-003-c, 46-003-e]	High
	High probability of NFA with limited characterization; would reduce uncertainty.	
31	OU 1140, TA-46, PRS 46-005	High
	High probability of NFA with limited characterization; would reduce uncertainty. Early investigation would reduce uncertainty of RCRA applicability.	
1144		**13**
39	49-001G Soil Contamination Area 2	High
	Removal of plutonium contamination in this area would be easy.	
38	49-003 Area 11 Leachfield	High
	Any removal of plutonium by easy methods is digging up/removal is beneficial.	
38	49-008a Area 5 Soil Contamination	High
	Any removal of plutonium by easy methods i.e. digging up/removal is benefitial.	
38	49-008b Area 6 Soil Contamination	High
	Any removal of plutonium by easy methods i.e. digging up/removal is beneficial.	
38	49-008c Area 11 Soil Contamination	High
	Any removal of plutonium by easy methods i.e. digging up/removal is benefitial.	
38	49-008d Area 12 Soil Contamination	High
	Any removal of plutonium by easy methods i.e. digging up/removal is beneficial.	
31	49-006 Sump Area 5	High
	Relatively easy to clean up.	

Site Ranking Sytem (SRS)
Grouped Results

Ratio of benefit to cost (e.g., risk reduction or uncertainty reduction).

29	49-001A AREA 1 SHAFTS	High
	Uncertainty associated with migration and location of TRW could be greatly reduced using innovative technology.	
29	49-001C AREA 2a SHAFTS	High
	Uncertainty associated with migration and location of TRW could be greatly reduced using innovative technology.	
29	49-001D AREA 2b SHAFTS	High
	Uncertainty associated with migration and location of TRW could be greatly reduced using innovative technology.	
29	49-001E AREA 3 SHAFTS	High
	Uncertainty associated with migration and location of TRW could be greatly reduced using innovative technology.	
29	49-001F AREA 4 SHAFTS	High
	Uncertainty associated with migration and location of TRW could be greatly reduced using innovative technology	
26	49-001B AREA 2 SHAFTS	High
	Uncertainy associated with migration and location of TRW would be greatly reduced using innovative technology.	
1147		9
60	OU 1147, TA-50, SWMU 50-009	High
	Uncertainty reduction will allow planning for new facility. Reduction of uncertainty about releases will be a significant benefit.	
51	OU 1147, TA-50, SWMU 50-006(d)	High
	Uncertainty reduction will allow planning for new facility.	

Site Ranking Sytem (SRS)
Grouped Results

Ratio of benefit to cost (e.g., risk reduction or uncertainty reduction).

50	OU 1147, TA-50, SWMU 50-006(a)	High
	Uncertainty reduction will allow planning for new facility.	
42	OU 1147, TA-50, Aggregate 1	High
	Uncertainty reduction will allow planning for new facility. Reduction of uncertainty about releases will be a significant benefit.	
39	OU 1147, TA-50, Aggregate 4	High
	Uncertainty reduction will allow planning for new facility.	
38	OU 1147, TA-50, Aggregate 5	High
	Uncertainty reduction will allow planning for new facility.	
32	OU 1147, TA-50, Aggregate 3	High
	Uncertainty reduction will allow planning for new facility.	
28	OU 1147, TA-50, Aggregate 2	High
	Uncertainty reduction will allow planning for new facility.	
26	OU 1147, TA-50, SWMU 50-011(a)	High
	Uncertainty reduction will allow planning for new facility.	
1148		**1**
65	OU 1148, TA54, Agg. #1, MDA L	High
	Development of a forced oscillatory air flow system may dramatically increase the effective rate of contaminant diffusion, reducing risk in this and other	

Site Ranking Sytem (SRS)
Grouped Results

Ratio of benefit to cost (e.g., risk reduction or uncertainty reduction).

1154		1
28	OU 1154, TA57, AGG3, 1PRS(no number)	High
	High risk, low cost	

1157		7
64	OU 1157, TAs-8,-9,-23, and-69, AGG6, 1PRS	High
	High risk reduction at low to medium costs.	
56	OU 1157, TAs-8,-9,-23, and-69, AGG4, 1PRS	High
	Low cost and high risk reduction.	
51	OU1157,TAs-8,-9,-23,and-69,AGG10,10PRSs	High
	High level of risk reduction at a relatively low cost.	
40	OU 1157, TAs-8,-9,-23,and-69,AGG16,1PRS	High
	High risk reduction at a low cost.	
39	OU 1157, TAs-8,-9,-23, and-69, AGG3, 1PRS	High
	Relatively low cost and high risk reduction.	
35	OU 1157, TAs-8,-9,-23, and-69,AGG17,1PRS	High
	High risk reduction at a low cost.	
29	OU 1157, TAs-8,-9,-23, and-69, AGG8, 1PRS	High
	High risk reduction at a minimal cost.	

Operable Unit Summary

of

Special Concerns

Site Ranking Sytem (SRS)
Grouped Results

Indicate the Natural Resources Trustees with special concerns and the magnitude of those concerns.

1049		9
69	OU 1049 Mortandad Canyon PRS C-0-008 **DOE, San Idelfonso Pueblo**	High
68	OU 1049 Los Alamos Canyon PRS C-0-006 **DOE, San Idelfonso Pueblo**	High
57	OU 1049 Sediment Traps Mortandad PRS 0-001 **San Idelfonso Pueblo, Los Alamos County**	High
57	OU 1049 Sandia Canyon PRS C-0-007 **DOE, San Idelfonso Pueblo**	High
56	OU 1049 Canada del Buey PRS C-0-009 **DOE, San Idelfonso Pueblo, County of Los Alamos**	High
54	OU 1049 Guaje Canyon PRS C-0-001 **San Idelfonso Pueblo, Santa Clara Pueblo**	High
50	OU 1049 Bayo Canyon PRS C-0-004 **San Idelfonso Pueblo, County of Los Alamos, DOE**	High
49	OU 1049 Rendija Canyon PRS C-0-002 **San Idelfonso Pueblo, Santa Clara Pueblo**	High
44	OU 1049 Barrancas Canyon PRS C-0-003 **San Idelfonso Pueblo, County of Los Alamos, Santa Clara Pueblo**	High

1071		9
51	OU 1071, 0-011(d) - ordnance impact area **County concern**	High
51	OU 1071, 0-011(a) - ordnance impact area **County concern**	High

Site Ranking Sytem (SRS)
Grouped Results

Indicate the Natural Resources Trustees with special concerns and the magnitude of those concerns.

46	OU 1071, 0-011(e) - ordnance impact area	High
	County, USFS, and tribal concern	
44	OU 1071, 0-030(e) - Septic System	High
	County concern	
44	OU 1071, 0-030(g) - Septic System	High
	County concern	
44	OU 1071, 0-030(h) - Septic System	High
	County concern	
43	OU 1071, 0-011(c) - ordnance impact area	High
	County concern	
43	OU 1071, 0-030(i) - Septic System	High
	County concern	
42	OU 1071, 0-030(f) - Septic System	High
	County concern	

1098 — 6

76	OU 1098, SWMU 2-009, Operational Rel.	High
	Documented contamination with 1000 pCi/g 137Cs (SAL = 4 pCi/g). 137Cs exceeds groundwater std (120 pCi/L) in	
75	OU 1098, SWMU 41-002, Sewage Tr.Plt.	High
	Potential groundwater contamination.	
74	OU 1098, SWMU 2-003; Decom. React Was.	High
	Documented contamination. Leachable contaminants. Major source term for potential off site (Laboratory) contamination in alluvial aquifer. Bandelier property	

Site Ranking Sytem (SRS)
Grouped Results

Indicate the Natural Resources Trustees with special concerns and the magnitude of those concerns.

74	OU 1098, SWMU 2-008, Outfalls	High
	Potential for non-localized contamination in wetland area. Contributing source terms for surface water and groundwater contamination.	
72	OU 1098, SWMU 2-007, Decom.Septic Sys.	High
	Los Alamos Canyon. Documented groundwater contamination with 137Cs and 90Sr above MCLs.	
71	OU 1098, SWMU 2-004; Omg. Wst. React.	High
	Los Alamos Canyon, off site (Laboratory) contamination is an issue. Documented groundwater contamination. Potential impact to main aquifer.	
1100		**1**
67	OU 1100 / 53-002(a), (b)	High
	Pueblos concerned about contamination in canyon.	
1106		**1**
57	21-016(a)-(c),21-011(c),21-28(a), Area T	High
1144		**6**
29	49-001A AREA 1 SHAFTS	High
	Contains large quantity of TRW (plutonium & uranium).	
29	49-001C AREA 2a SHAFTS	High
	Contains large quantity of TRW (plutonium & uranium).	
29	49-001D AREA 2b SHAFTS	High
	Contains large quantity of TRW (plutonium & uranium).	

Site Ranking Sytem (SRS)
Grouped Results

Indicate the Natural Resources Trustees with special concerns and the magnitude of those concerns.

29	49-001E AREA 3 SHAFTS	High
	Contains large quantity of TRW (plutonium & uranium).	
29	49-001F AREA 4 SHAFTS	High
	Contains large quantity of TRW (plutonium & uranium).	
26	49-001B AREA 2 SHAFTS	High
	Contains large quantity of TRW (plutonium & uranium).	
1147		**9**
60	OU 1147, TA-50, SWMU 50-009	High
	San Ildefonso and Cochiti are downstream.	
51	OU 1147, TA-50, SWMU 50-006(d)	High
	San Ildefonso and Cochiti are downstream.	
50	OU 1147, TA-50, SWMU 50-006(a)	High
	San Ildefonso and Cochiti are downstream.	
42	OU 1147, TA-50, Aggregate 1	High
	San Ildefonso and Cochiti are downstream.	
39	OU 1147, TA-50, Aggregate 4	High
	San Ildefonso and Cochiti are downstream.	
38	OU 1147, TA-50, Aggregate 5	High
	San Ildefonso and Cochiti are downstream.	
32	OU 1147, TA-50, Aggregate 3	High
	San Ildefonso and Cochiti are downstream.	
28	OU 1147, TA-50, Aggregate 2	High
	San Ildefonso and Cochiti are downstream.	

Site Ranking Sytem (SRS)
Grouped Results

Indicate the Natural Resources Trustees with special concerns and the magnitude of those concerns.

26	OU 1147, TA-50, SWMU [redacted]011(a)	High
	San Ildefonso and Cochiti are downstream.	
1148		**2**
65	OU 1148, TA54, Agg. #1, MDA L	High
	The Honorable Agapito Martinez, Governor, San Ildefonso Pueblo.	
60	OU 1148, TA54, Agg. #4, MDA G	High
	The Honorable Agapito Martinez, Governor, San Ildefonso Pueblo	