

Jan  
1994

General

General

1/24/94



**Department of Energy**  
Albuquerque Operations Office  
Los Alamos Area Office  
Los Alamos, New Mexico 87544

Ms. Barbara Hoditschek  
New Mexico Environmental Department  
Hazardous and Radioactive Materials Bureau  
525 Camino de los Marquez  
P. O. Box 26110  
Santa Fe, New Mexico 87502

**LIBRARY COPY**

Dear Ms. Hoditschek:

Enclosed are several documents for your review regarding the Los Alamos National Laboratory (LANL) site ranking system. Included are the Grouped Ranking and Criteria for Prioritization for the individual potential release sites (PRSs). Also included are scenarios regarding the clean up and timing of actions at the PRSs. These documents are for discussion during the upcoming monthly meeting scheduled for February 2, 1994, in Dallas.

Should you or your staff have any questions about the documents, please call me or Court Fesmire at (505) 665-4718.

*Court Fesmire*  
for Theodore J. Taylor  
Program Manager  
Environmental Restoration Program

cc w/attachment:

- Steve Alexander, NMED
- Bruce Swanton, NMED/AIP

cc w/o attachment:

- T. Taylor, LAAO, ES&H, MS A316
- C. Fesmire, LAAO, ES&H, MS A316
- S. Slaten, LAAO, ES&H, MS A316
- K. Schenck, Scientech/LAAO, ES&H, MS A316
- K. Bitner, AL-ERPO
- T. Baca, UC-LANL, ERWM, MS J591
- RPF, MS M707



12563

## Site Ranking System (SRS) Grouped Results

Potential for successful Voluntary Corrective Action.

1093		1
53	27-003 Bazooka Impact Area  <b>Trained explosive ordnance disposal teams have demonstrated high degree of success at cleaning up these area. Work is ongoing as of October 4, 1993.</b>	High
1098		4
74	OU 1098, SWMU 2-010, Chemical Shack  <b>Previous VCA conducted, residual contamination with small source term may still exist.</b>	High
58	OU 1098, SWMU 41-003, Sump  <b>Remove sump.</b>	High
56	OU 1098, SWMU 2-012, Soil Con. Tanks  <b>Remove tank.</b>	High
44	OU 1098, SWMU 41-001, Septic System  <b>Remove tank.</b>	High
1100		5
38	OU 1100 / 53-009  <b>VCA would involve removal of contaminated soil. Wastes would be hazardous.</b>	High
36	OU 1100 / 53-001(a), (b), (e), (g)  <b>If COCs are present, VCA would involve excavation. Waste would be hazardous waste.</b>	High
36	OU 1100 / 53-001(c), (d), (k)  <b>If COCs are present, VCA would involve excavation. Waste would be hazardous waste.</b>	High
29	OU 1100 / 53-006(a), (b), (c), (d), (e), (f)  <b>VCA would involve removal of tanks and contaminated soil/tuff. Wastes expected to be LLW, possibly mixed.</b>	High

## Site Ranking System (SRS) Grouped Results

Potential for successful Voluntary Corrective Action.

26	OU 1100 / 53-010	High
	<b>VCA would involve removal of contaminated soil. Wastes would be hazardous.</b>	

<b>1106</b>		<b>37</b>
-------------	--	-----------

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 System (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
	<b>See preceding comment.</b>	
22	21-012(b), Steam Plant - Dry Well	High
21	21-004(b), (c), (d), Above Grnd. Tank & Drain	High
	<b>Wait until D&amp;D.</b>	
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
	<b>To be coordinated with D&amp;D. Satellite storage areas inside active building.</b>	

<b>1114</b>		<b>15</b>
-------------	--	-----------

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 characterization shows levels above the SAL, a VCA will be initiated.**

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

---

# Site Ranking Sytem (SRS) Grouped Results

Potential for successful Voluntary Corrective Action.

<b>1122</b>		<b>5</b>
29	OU 1122, TA-33, Main Site Subsurface Aggregate #4, 2 PRSs [33-004-a, 33-005-a]  <b>Radioactive, hazardous, mixed waste generation Septic tank cleaning possible, if necessary</b>	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]  <b>Hazardous waste generation Clean or yank septic tank</b>	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]  <b>Radioactive, hazardous, mixed waste generation</b>	High
22	OU 1122, TA-33, MDA-E, Aggregate #1, 4 PRSs [33-001-a, 33-001-b, 33-001-c, 33-001-d]  <b>Radioactive, hazardous, mixed waste generation (U, Be, Pb, Cd). VCA probable if LANL elects to consolidate MDAs</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]  <b>Radioactive, hazardous, mixed waste generation</b>	High
<b>1129</b>		<b>5</b>
72	OU 1129, TA-35, Group 8  <b>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</b>	High
69	OU 1129, TA-48, Group 24  <b>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</b>	High

## Site Ranking System (SRS) Grouped Results

Potential for successful Voluntary Corrective Action.

54	OU 1129, TA-52, Group 27	High
	<b>The resulting waste stream would possibly include solvents, chemicals, and radionuclides that may have been introduced to the system from the UHTREX</b>	
49	OU 1129, TA-5, Group 28	High
	<b>A product that would result from VCA includes lead bricks. No other contaminants are known.</b>	
32	OU 1129, TA-63, Group 26	High
	<b>Septic system might contain solvents from a maintenance shop.</b>	

<b>1130</b>	<b>4</b>
-------------	----------

51	Sump (36-002)	High
	<b>If remediation is required based on COC levels exceeding SALs, removal is a viable action. The waste generated would likely be hazardous.</b>	
44	Boneyard (36-005)	High
	<b>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.</b>	
43	Sump (36-003b)	High
	<b>If remediation is required based on COCs exceeding SALs, removal is a viable action. The waste generated would likely be hazardous.</b>	
17	Portable Vessel (AOC C-36-001)	High
	<b>If remediation is required based on COCs exceeding SALs, removal is a viable action. The waste generated would likely be low-level rad.</b>	

## Site Ranking Sytem (SRS) Grouped Results

Potential for successful Voluntary Corrective Action.

1140	8	
50	<p>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,</p> <p style="text-align: center;"><b>Radioactive, Hazardous, Mixed Contaminants confined to drainage channels. Successful VCA likely for individual drainage channels</b></p>	High
50	<p>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,</p> <p style="text-align: center;"><b>Radioactive, Hazardous, Mixed Contamination limited to small areas and drainage channels.</b></p>	High
50	<p>OU 1140, TA-46, PRS 46-003-f</p> <p style="text-align: center;"><b>Radioactive, Hazardous, Mixed Contamination probably well confined.</b></p>	High
50	<p>OU 1140, TA-46, PRS 46-009-b</p> <p style="text-align: center;"><b>Radioactive, Hazardous, Mixed Contamination volume moderate (10,000 cu-yd).</b></p>	High
42	<p>OU 1140, TA-46, Dry Well Aggregate #1, 4 PRSs [46-004-c, 46-004-d, 46-004-e, 46-004-p]</p> <p style="text-align: center;"><b>Radioactive, Hazardous, Mixed Recommended for VCA in RFI Work Plan</b></p>	High
42	<p>OU 1140, TA-46, Septic with Surface Release Aggregate #6, 2 PRSs [46-003-a, 46-003-g]</p> <p style="text-align: center;"><b>Radioactive, Hazardous, Mixed Contamination probably well confined.</b></p>	High
42	<p>OU 1140, TA-46, PRS 46-003-d</p> <p style="text-align: center;"><b>Radioactive, Hazardous, Mixed Recommended for VCA in RFI Work Plan</b></p>	High

## Site Ranking System (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.**

<b>1144</b>			<b>11</b>
-------------	--	--	-----------

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 System (SRS) Grouped Results

Potential for successful Voluntary Corrective Action.

---

11	49-002 Underground Chamber Area 10	High
	<b>Chamber easily filled with soil.</b>	

**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 System (SRS) Grouped Results

Potential for successful Voluntary Corrective Action.

25	OU 1154, TA57, AGG2, 4PRs	High
	<b>Hazardous waste likely. Possibly mixed waste.</b>	

1157

16

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

## Site Ranking System (SRS) Grouped Results

Potential for successful Voluntary Corrective Action.

---

40	OU 1157, TAs-8,-9,-23,and-69,AGG16,1PRS <b>Hazardous waste suspected.</b>	High
39	OU 1157, TAs-8,-9,-23, and-69, AGG3, 1PRS <b>This is a septic system that could be pulled. Potential for mixed waste.</b>	High
35	OU 1157, TAs-8,-9,-23, and-69,AGG17,1PRS <b>Hazardous waste suspected.</b>	High
29	OU1114, Aggregate 10, TA-3, 5 PRSs 3-003(h), 3-003(j), 3-003(k), 3-003(l), 3-003(m) <b>Areas of potential contamination are small and well defined. If characterization show COCs to be above the SAL, a VCA can be successfully performed.</b>	High
29	OU 1157, TAs-8,-9,-23, and-69, AGG8, 1PRS <b>Likely only radiological contamination.</b>	High
21	OU 1157, TAs-8,-9,-23, and-69, AGG5, 1PRS <b>Radiological contamination suspected.</b>	High

## 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
	<b>FY92 soil sampling should support an NFA decision</b>	
38	SWMU 01-001(e) - Septic Tank 139	High
38	SWMU 01-003(d) - Can Dump Site	High
	<b>FY92 soil sampling should support an NFA decision</b>	
38	SWMU 01-003(e) - SE LA Inn Disposal Site	High
	<b>FY92 soil sampling should support an NFA decision</b>	
38	SWMU 01-001(a) - Septic Tank 134	High
	<b>FY92 soil sampling should support a NFA decision</b>	
38	SWMU 01-001(g) - Septic Tank 141	High
	<b>FY92 soil sampling should support an NFA decision</b>	
38	SWMU 01-006(a) - Cooling Tower 80 Drain	High
	<b>FY92 soil sampling should support an NFA decision</b>	

## Site Ranking Sytem (SRS) Grouped Results

Potential for No Further Action with limited characterization.

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

<b>1079</b>	<b>3</b>
-------------	----------

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, 1 PRS Former Personnel Building Septic System, 10-004(a)	High
	<b>There is a high probability that limited sampling will show no contamination.</b>	

## Site Ranking System (SRS) Grouped Results

Potential for No Further Action with limited characterization.

	1082	49
38	OU 1082, TA-16, Aggragate 81, 1 PRSs TA-16-560 Year 3 SWMU 16-031(e)	High
	<b>Based on experience with similar PRSs at OU 1082.</b>	
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
	<b>Based on experience with similar PRSs at OU 1082.</b>	
33	OU 1082, TA-16, Aggregate 1, 3 PRSs Blowdown tanks & drywells 16-001(a,b,c)	High
	<b>PCOCs above SALs unlikely.</b>	
31	OU 1082, TA-16, Aggragate 7, 2 PRSs HE Sumps & Outfalls 16-003(h), &16-030(d)	High
	<b>PCOCs above SALs unlikely.</b>	
31	OU 1082, TA-16, Aggragate 15, 1 PRSs HE Sumps & Outfalls 16-029(g)	High
	<b>PCOCs above SALs unlikely.</b>	
31	OU 1082, TA-16, Aggragate 22, 1 PRSs                      Septic Systems 16-006(e)	High
	<b>PCOCs above SALs unlikely.</b>	
31	OU 1082, TA-16, Aggragate 74, 3 PRSs TA-16-410 Line Year 3 SWMU 16-026(y,e2, f2)	High
	<b>Based on experience with similar PRSs at OU 1082.</b>	
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
	<b>Based on experience with similar PRSs at OU 1082.</b>	

## Site Ranking Sytem (SRS) Grouped Results

Potential for No Further Action with limited characterization.

- 
- |    |  |      |
|----|--|------|
| 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 |
|    | <b>These PRSs are in an area in which the buildings have been razed and burned and the noncombustables removed.</b>                    |      |
| 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 |
|    | <b>Based on experience with similar PRSs at OU 1082.</b>   |      |
| 28 | OU 1082, TA-16, Aggragate 71, 1 PRSs Firehouse Year 3 SWMU 16-026(r)   | High |
|    | <b>Based on experience with similar PRSs at OU 1082.</b>   |      |
| 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 |
|    | <b>Based on experience with similar PRSs at OU 1082.</b>   |      |
| 26 | OU 1082, TA-16, Aggragate 31, 1 PRSs Surface Waste Disposal Area 16-016(b)   | High |
|    | <b>PCOCs above SALs unlikely.</b>  |      |
| 26 | OU 1082, TA-11, Aggragate 36, 6 PRSs Potential Surface Contamination 11-001(c), 11-012(a-d), C-11-002                                  | High |
|    | <b>PCOCs above SALs unlikely.</b>  |      |
| 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 |
|    | <b>These PRSs are in an area in which the buildings have been razed and burned and the noncombustables removed.</b>                    |      |
| 25 | OU 1082, TA-16, Aggragate 13, 2 PRSs HE Sumps & Outfalls 16-029(e), & 16-026(h2)   | High |
|    | <b>PCOCs above SALs unlikely.</b>  |      |

## Site Ranking Sytem (SRS) Grouped Results

Potential for No Further Action with limited characterization.

---

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

## Site Ranking Sytem (SRS) Grouped Results

Potential for No Further Action with limited characterization.

---

25	OU 1082, TA-16, Aggragate 69, 2 PRSs 300 Line Year 3 SWMU 16-026( f), 16-026(z)	High
	<b>Based on experience with similar PRSs at OU 1082.</b>	
25	OU 1082, TA-16, Aggragate 70, 3 PRSs 280 Line Year 3 SWMU 16-026(g, h, g2)	High
	<b>Based on experience with similar PRSs at OU 1082.</b>	
25	OU 1082, TA-16, Aggragate 72, 1 PRSs TA-16-207 Year 3 SWMU 16-026(t)	High
	<b>Based on experience with similar PRSs at OU 1082.</b>	
25	OU 1082, TA-16, Aggragate 73, 1 PRSs TA-16-195 Year 3 SWMU 16-026(u)	High
	<b>Based on experience with similar PRSs at OU 1082.</b>	
25	OU 1082, TA-16, Aggragate 75, 1 PRSs TA-16-200 Year 3 SWMU 16-026(a2)	High
	<b>Based on experience with similar PRSs at OU 1082.</b>	
25	OU 1082, TA-16, Aggragate 76, 2 PRSs TA-16-202 Year 3 SWMU 16-026(b2), 16-028(d)	High
	<b>Based on experience with similar PRSs at OU 1082.</b>	
25	OU 1082, TA-16, Aggragate 77, 1 PRSs TA-16-462 Year 3 SWMU 16-026(c2)	High
	<b>Based on experience with similar PRSs at OU 1082.</b>	
25	OU 1082, TA-16, Aggragate 79, 2 PRSs TA-16-450 Year 3 SWMU 16-028(e), 16-003(q)	High
	<b>Based on experience with similar PRSs at OU 1082.</b>	
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
	<b>Based on experience with similar PRSs at OU 1082.</b>	
25	OU 1082, TA-16, Aggragate 87, 1 PRSs Cross-over Platform C-16-061	High
	<b>Based on experience with similar PRSs at OU 1082.</b>	

---

## Site Ranking System (SRS) Grouped Results

Potential for No Further Action with limited characterization.

---

24	OU 1082, TA-16, Aggregate 2, 1 PRSs Blowdown tanks & drywells 16-001(d)		High
	<b>PCOCs above SALs unlikely.</b>		
24	OU 1082, TA-11, Aggregate 17, 2 PRSs Systems 11-005(a,b)	Septic	High
	<b>PCOCs above SALs unlikely.</b>		
24	OU 1082, TA-16, Aggregate 23, 1 PRSs Testing Lab 16-021(a)	Materials	High
	<b>PCOCs above SALs unlikely.</b>		
24	OU 1082, TA-16, Aggregate 54, 1 PRSs Septic System 16-005(f)		High
	<b>PCOCs above SALs unlikely.</b>		
24	OU 1082, TA-16, Aggregate 62, 2 PRSs TA-16-360 Year 3 SWMU 16-016(e, f)		High
	<b>Based on experience with similar PRSs at OU 1082.</b>		
24	OU 1082, TA-16, Aggregate 85, 1 PRSs TA-16 Year 3 Aboveground Tank 16-037		High
	<b>Based on experience with similar PRSs at OU 1082.</b>		
21	OU 1082, TA-16, Aggregate 19, 2 PRSs Systems 16-006(a), 16-026(i2)	Septic	High
	<b>PCOCs above SALs unlikely.</b>		
21	OU 1082, TA-16, Aggregate 30, 1 PRSs Disposal Area 16-016(a)	Surface Waste	High
	<b>PCOCs above SALs unlikely.</b>		

## Site Ranking System (SRS) Grouped Results

Potential for No Further Action with limited characterization.

---

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
	<b>Based on experience with similar PRSs at OU 1082.</b>	
19	OU 1082, TA-16, Aggragate 21, 1 PRSs                      Septic Systems 16-006(d)	High
	<b>PCOCs above SALs unlikely.</b>	
19	OU 1082, TA-16, Aggragate 82, 1 PRSs TA-16-21 Year 3 SWMU 16-031(f)	High
	<b>Based on experience with similar PRSs at OU 1082.</b>	
17	OU 1082, TA-16, Aggragate 53, 1 PRSs Septic System 16-005(a)	High
	<b>PCOCs above SALs unlikely.</b>	
17	OU 1082, TA-16, Aggragate 55, 1 PRSs Septic System 16-005(k)	High
	<b>PCOCs above SALs unlikely.</b>	
17	OU 1082, TA-16, Aggragate 56, 1 PRSs Septic System 16-005(l)	High
	<b>PCOCs above SALs unlikely.</b>	
15	OU 1082, TA-13, Aggragate 18, 2 PRSs                      Septic Systems 13-003(a,b), 16-005(i)	High
	<b>PCOCs above SALs unlikely.</b>	
15	OU 1082, TA-16, Aggragate 20, 1 PRSs                      Septic Systems 16-006(c)	High
	<b>PCOCs above SALs unlikely.</b>	

---

## Site Ranking System (SRS) Grouped Results

Potential for No Further Action with limited characterization.

1085	8	
29	<p>OU1085, TA-14, Aggregate #2, 6 PRs 14-002 a, b, c, d, e, f Decom. Firing Sites</p> <p style="text-align: center;"><b>The wastes could be mixed.</b></p>	High
28	<p>OU1085, TA-14, Aggregate #3, 4 PRs C-14-001, -006, -008, -009 Magazines</p> <p style="text-align: center;"><b>It is possible that no explosives are present at these magazines.</b></p>	High
26	<p>OU1085, TA-14, 14-003 Trash Burning Area</p>	High
26	<p>OU1085, TA-14, Aggregate #5, 5 PRs C-14-002, -003, -004, -005, -007 Removed Bldgs</p> <p style="text-align: center;"><b>It is very likely that no contaminants will be found at these PRSs.</b></p>	High
24	<p>OU 1085, TA-12, Aggregate 6 C-12-001 through C-12-005</p> <p style="text-align: center;"><b>There is a high probability that no contaminants are present.</b></p>	High
24	<p>OU1085, TA-14, Aggregate #4, 2 PRs 14-006 &amp; 14-010 Decom. Sump</p>	High
24	<p>OU1085, TA-14, 14-007, Decom. Septic Syst.</p> <p style="text-align: center;"><b>There is a good possibility that no contaminants will be found in this PRS.</b></p>	High
22	<p>OU 1085, TA-12, 12-004(a)</p> <p style="text-align: center;"><b>No contaminants are likely to be the site.</b></p>	High

## Site Ranking System (SRS) Grouped Results

Potential for No Further Action with limited characterization.

<b>1086</b>		<b>6</b>
-------------	--	----------

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.**

<b>1093</b>		<b>8</b>
-------------	--	----------

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 present; 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  <b>Buried material is not expected to be located.</b>	High
33	18-007 Buried armored vehicle  <b>There is a high probability that this tank does not exist, or will not be located.</b>	High
29	18-001(b)- Inactive sanitary waste line  <b>Process knowledge suggests that contamination is unlikely to be detected.</b>	High
28	18-004(a,b) decommissioned waste tanks  <b>Operational history suggests no contaminants are present</b>	High

**1100**

**9**

49	OU 1100 / 20-002(a), (b), (c), (d)  <b>Expect that Phase I will verify that residuals were removed in past.</b>	High
44	OU 1100 / 20-003(b)  <b>Expect low probability of finding contamination.</b>	High
44	OU 1100 / 20-003(c)  <b>Expect low probability of finding contamination.</b>	High
44	OU 1100 / 20-004  <b>Expect low probability of finding contamination.</b>	High
43	OU 1100 / 53-012(e)  <b>Low probability of COCs.</b>	High
40	OU 1100 / 20-001(a), (b), (c)  <b>Expect that Phase I will verify that wastes were removed during 1940s.</b>	High
40	OU 1100 / 20-005  <b>Expect low probability of finding contamination.</b>	High

## Site Ranking Sytem (SRS) Grouped Results

Potential for No Further Action with limited characterization.

38	OU 1100 / 53-008	High
	<b>Contamination not expected.</b>	
29	OU 1100 / 53-005	High
	<b>Contamination not expected to be found because of previous cleanup efforts.</b>	

<b>1106</b>		<b>30</b>
-------------	--	-----------

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

<b>1111</b>	
-------------	--

	<b>1</b>
--	----------

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 System (SRS) Grouped Results

Potential for No Further Action with limited characterization.

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

## Site Ranking System (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
	<b>Very likely that COCs will not be found in concentrations greater than the SAL.</b>	
33	OU 1079, TA-45, Aggregate 13, 1 PRS Sanitary Sewer Outfall, 45-004	High
32	OU1114, Aggregate 14, TA-3, 1 PRS 3-059	High
	<b>Area of potential contamination is defined. If limited characterization shows COCs to be below the SAL, NFA will be recommended.</b>	
32	OU1114, Aggregate 09, TA-59, 1 PRS 59-004	High
	<b>If COCs are not detected in amounts exceeding the SAL with limited characterization, site will be recommended for NFA.</b>	
28	OU1114, Aggregate 13, TA-3, 1 PRS 3-001(i)	High
	<b>Area of potential contamination is well defined. If limited characterization shows COCs to be below the SAL, NFA will be recommended.</b>	
26	OU1114, Aggregate 03, TA-3, 1 PRS 3-021	High
	<b>If the area containing COCs is sampled, and analysis determine COCs to be less than SALs with limited characterization, NFA will be recommended.</b>	
24	OU1114, Aggregate 11, TA-3, 1 PRS 3-033	High
	<b>Area of potential contamination is small and well defined. If limited characterization show COCs to be below the SAL, NFA will be recommended.</b>	

## Site Ranking System (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)	High
----	---	------

**It is strongly felt that contamination will be below  
SALs since the sources of the contaminants have  
been inoperative for many years.**

17	OU1114, Aggregate 16, TA-60, 1 PRS 60-006(a)	High
----	---	------

**It is believed that only very small, less than SALs,  
amounts of contaminants could have entered the  
septic tank.**

<b>1122</b>	<b>7</b>
-------------	----------

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
----	---	------

**Contamination expected to be low**

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

**Sampling completed, data not yet evaluated**

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
----	---	------

**No contamination expected here.**

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
----	--	------

**Contamination not expected**

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]	High
----	--	------

**Contamination not expected**

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

## 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.**

---

<b>1130</b>			<b>7</b>
-------------	--	--	----------

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.**

---

<b>1132</b>			<b>1</b>
-------------	--	--	----------

36	OU1132, TA 39, Aggr. B, 8 PRSs Strge Areas	High
----	--	------

## Site Ranking System (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 |
|    | <b>Widely dispersed, therefore low concentrations anticipated</b>  |      |
| 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 |
|    | <b>Small quantities of contaminants. Successful NFA likely for individual drainage channels and contributing PRSs.</b>                                       |      |
| 50 | OU 1140, TA-46, Outfall/Stack Emissions/Drainline Aggregate #4, 2 PRSs [46-004-g, 46-004-h]  | High |
|    | <b>Small quantities of contaminants.</b>   |      |
| 50 | OU 1140, TA-46, PRS 46-003-f   | High |
|    | <b>•Small quantities of contaminants. •Most surface contaminants probably removed with sand filter removal. •No contaminants expected in outfalls</b>        |      |
| 42 | OU 1140, TA-46, Septic with Surface Release Aggregate #6, 2 PRSs [46-003-a, 46-003-g]  | High |
|    | <b>Small quantities of contaminants<br/>No contaminants expected in outfalls.</b>  |      |
| 38 | OU 1140, TA-46, Septic, Subsurface Only, Aggregate #5, 3 PRSs [46-003-b, 46-003-c, 46-003-e]   | High |
|    | <b>Small quantities of contaminants</b>  |      |
| 31 | OU 1140, TA-46, PRS 46-005   | High |
|    | <b>Small quantities of contaminants.</b>   |      |

## Site Ranking System (SRS) Grouped Results

Potential for No Further Action with limited characterization.

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

## Site Ranking System (SRS) Grouped Results

Potential for No Further Action with limited characterization.

25	OU 1154, TA57, AGG2, 4PRsSs  <b>Likely that contaminants are not at high levels of concern.</b>	High
<b>1157</b>		<b>10</b>
60	OU 1157, TAs-8,-9,-23,and-69, AGG9, 4PRsSs  <b>Not likely to have high levels of contaminants.</b>	High
54	OU 1157, TAs-8,-9,-23,and-69,AGG15, 1PRs  <b>High concentrations of contaminants not expected.</b>	High
40	OU 1157, TAs-8,-9,-23, and-69, AGG1, 1PRs  <b>High levels of contamination are not likely.</b>	High
40	OU 1157,TAs-8,-9,-23,and-69,AGG11, 1PRs  <b>High levels of contaminants are not expected.</b>	High
40	OU 1157, TAs-8,-9,-23,and-69,AGG16,1PRs  <b>High concentrations not expected.</b>	High
39	OU 1157, TAs-8,-9,-23, and-69, AGG2, 1PRs  <b>Not likely to find high levels of contaminants.</b>	High
35	OU 1157, TAs-8,-9,-23, and-69,AGG17,1PRs  <b>High concentrations not expected.</b>	High
29	OU1114, Aggregate 10, TA-3, 5 PRsSs 3-003(h), 3-003(j), 3-003(k), 3-003(l), 3-003(m)  <b>Areas of potential contamination are small and well defined. If limited charaterization show COCs to be below the SAL, NFA will be recommended.</b>	High
29	OU 1157, TAs-8,-9,-23, and-69, AGG8, 1PRs  <b>High concentration levels are not expected.</b>	High
21	OU 1157, TAs-8,-9,-23, and-69, AGG5, 1PRs  <b>Not likely to have high levels of contamination.</b>	High

## Site Ranking Sytem (SRS) Grouped Results

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

<b>1071</b>	<b>7</b>
-------------	----------

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

<b>1106</b>	<b>2</b>
-------------	----------

47	21-007; 21-008; 21-019(a)-(m); 21-021, Airbn	Yes
	<b>Portions of area could be transferred to LA County.</b>	
32	21-029, DP Tank Farm	Yes
	<b>Strong candidate for land transfer.</b>	

<b>1154</b>	<b>4</b>
-------------	----------

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

## Site Ranking Sytem (SRS) Grouped Results

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

<b>1049</b>		<b>8</b>
-------------	--	----------

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

<b>1071</b>		<b>9</b>
-------------	--	----------

51	OU 1071, 0-011(d) - ordnance impact area <b>County concern</b>	High
51	OU 1071, 0-011(a) - ordnance impact area <b>County concern</b>	High
46	OU 1071, 0-011(e) - ordnance impact area <b>County, USFS, and tribal concern</b>	High

## Site Ranking System (SRS) Grouped Results

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

44	OU 1071, 0-030(e) - Septic System <b>County concern</b>	High
44	OU 1071, 0-030(g) - Septic System <b>County concern</b>	High
44	OU 1071, 0-030(h) - Septic System <b>County concern</b>	High
43	OU 1071, 0-030(i) - Septic System <b>County concern</b>	High
43	OU 1071, 0-011(c) - ordnance impact area <b>County concern</b>	High
42	OU 1071, 0-030(f) - Septic System <b>County concern</b>	High
<b>1098</b>		<b>6</b>
76	OU 1098, SWMU 2-009, Operational Rel. <b>Documented contamination with 1000 pCi/g 137Cs (SAL = 4 pCi/g). 137Cs exceeds groundwater std (120 pCi/L) in</b>	High
75	OU 1098, SWMU 41-002, Sewage Tr.Plnt. <b>Potential groundwater contamination.</b>	High
74	OU 1098, SWMU 2-003; Decom. React Was. <b>Documented contamination. Leachable contaminants. Major source term for potential off site (Laboratory) contamination in alluvial aquifer. Bandelier property</b>	High
74	OU 1098, SWMU 2-008, Outfalls <b>Potential for non-localized contamination in wetland area. Contributing source terms for surface water and groundwater contamination.</b>	High

## Site Ranking Sytem (SRS) Grouped Results

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

72	OU 1098, SWMU 2-007, Decom. Septic Sys. <b>Los Alamos Canyon. Documented groundwater contamination with 137Cs and 90Sr above MCLs.</b>	High
71	OU 1098, SWMU 2-004; Omg. Wst. React. <b>Los Alamos Canyon, off site (Laboratory) contamination is an issue. Documented groundwater contamination. Potential impact to main aquifer.</b>	High
<b>1100</b>		<b>1</b>
67	OU 1100 / 53-002(a), (b) <b>Pueblos concerned about contamination in canyon.</b>	High
<b>1106</b>		<b>1</b>
57	21-016(a)-(c), 21-011(c), 21-28(a), Area T	High
<b>1144</b>		<b>6</b>
29	49-001A AREA 1 SHAFTS <b>Contains large quantity of TRW (plutonium &amp; uranium).</b>	High
29	49-001C AREA 2a SHAFTS <b>Contains large quantity of TRW (plutonium &amp; uranium).</b>	High
29	49-001D AREA 2b SHAFTS <b>Contains large quantity of TRW (plutonium &amp; uranium).</b>	High
29	49-001E AREA 3 SHAFTS <b>Contains large quantity of TRW (plutonium &amp; uranium).</b>	High

## Site Ranking Sytem (SRS) Grouped Results

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

29	49-001F AREA 4 SHAFTS <b>Contains large quantity of TRW (plutonium &amp; uranium).</b>	High
26	49-001B AREA 2 SHAFTS <b>Contains large quantity of TRW (plutonium &amp; uranium).</b>	High
<b>1147</b>		<b>9</b>
60	OU 1147, TA-50, SWMU 50-009 <b>San Ildefonso and Cochiti are downstream.</b>	High
51	OU 1147, TA-50, SWMU 50-006(d) <b>San Ildefonso and Cochiti are downstream.</b>	High
50	OU 1147, TA-50, SWMU 50-006(a) <b>San Ildefonso and Cochiti are downstream.</b>	High
42	OU 1147, TA-50, Aggregate 1 <b>San Ildefonso and Cochiti are downstream.</b>	High
39	OU 1147, TA-50, Aggregate 4 <b>San Ildefonso and Cochiti are downstream.</b>	High
38	OU 1147, TA-50, Aggregate 5 <b>San Ildefonso and Cochiti are downstream.</b>	High
32	OU 1147, TA-50, Aggregate 3 <b>San Ildefonso and Cochiti are downstream.</b>	High
28	OU 1147, TA-50, Aggregate 2 <b>San Ildefonso and Cochiti are downstream.</b>	High
26	OU 1147, TA-50, SWMU 50-011(a) <b>San Ildefonso and Cochiti are downstream.</b>	High

## Site Ranking System (SRS) Grouped Results

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

**1148****2**

- |    |  |      |
|----|--|------|
| 65 | OU 1148, TA54, Agg. #1, MDA L  | High |
|    | <b>The Honorable Agapito Martinez, Governor, San Ildefonso Pueblo.</b> |      |
| 60 | OU 1148, TA54, Agg. #4, MDA G  | High |
|    | <b>The Honorable Agapito Martinez, Governor, San Ildefonso Pueblo</b>  |      |

# Site Ranking Sytem (SRS) Grouped Results

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

<b>1071</b>			<b>5</b>
-------------	--	--	----------

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

<b>1078</b>			<b>8</b>
-------------	--	--	----------

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

## 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

4

33	OU 1079, TA-32, Aggregate 10, 2PRs 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.**

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.**

---

1082

3

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

**Very high risk area, should receive timely attention**

## Site Ranking Sytem (SRS) Grouped Results

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

53	OU 1082, TA-16, Aggragate 41, 1 PRSs P 16-018	MDA	High
<b>Under the sampling reccommended in the closure great reduction in the uncertainty will be achieved.</b>			
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
<b>By remediating this site at D&amp;D great risk reduction from scattered HE will be achieved. In the meantime phase 1 sampling is needed to identify possible</b>			
<b>1085</b>			<b>2</b>
29	OU1085, TA-14, Aggregate #2, 6 PRs Decom. Firing Sites	14-002 a, b, c, d, e, f	High
<b>There is a high benefit to cost ratio. It should be easy to cleanup and thus reduce the uncertainty of the contamination.</b>			
24	OU1085, TA-14, Aggregate #4, 2 PRSs Decom. Sump	14-006 & 14-010	High
<b>Cleanup of the sump should be a straight forward procedure and if done would removal/reduce risk.</b>			
<b>1086</b>			<b>8</b>
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
40	MDA-Z, OU 1086, SWMU 15-007(b)		High
38	R-8, OU 1086, SWMU 15-010(b)		High
<b>Easy to define HEs and reduce risk.</b>			

## Site Ranking Sytem (SRS) Grouped Results

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

33	R-22, OU 1086, SWMU 15-008(d) <b>Probably can be NFA.</b>	High
32	HE at F.S.- C, 15-005(c) <b>Possible HE around a small HE storage area.</b>	High
28	15-007(a),AOC C-15-005,C-15-006, MDA-N <b>Limited area which has been covered with dirt.</b>	High
<b>1093</b>		<b>1</b>
53	27-003 Bazooka Impact Area <b>Benefits will be high, at low to moderate cost.</b>	High
<b>1098</b>		<b>2</b>
56	OU 1098, SWMU 2-012, Soil Con. Tanks <b>Remove tank as VCA.</b>	High
44	OU 1098, SWMU 41-001, Septic System	High
<b>1106</b>		<b>10</b>
67	21-011(k), Outfall Bldg. 257 <b>Moderate cost/high benefit.</b>	High
57	21-016(a)-(c),21-011(c),21-28(a), Area T <b>High benefit/moderate cost.</b>	High
56	21-015, MDA B <b>Capping will provide moderate cost/high benefit.</b>	High
53	21-024(i), Septic System/Outfall <b>High benefit/low cost.</b>	High
50	21-014, MDA A <b>Moderate cost/high benefit.</b>	High

## Site Ranking System (SRS) Grouped Results

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

47	21-017(a)-(c), MDA U	High
	<b>High benefit/moderate cost.</b>	
42	21-018(a), (b), MDA V	High
	<b>Moderate benefit/moderate cost.</b>	
42	21-027(b), 24-024(m), Surface Drainage	High
	<b>Moderate benefit/low cost</b>	
32	21-029, DP Tank Farm	High
	<b>High benefit/low cost.</b>	
29	21-022(a), Acid Waste Line/Sumps	High
	<b>High benefit/moderate cost.</b>	
<b>1111</b>		<b>2</b>
50	OU 1111, TA-22, SWMU 22-015(c)	High
	<b>The area is extensive and remediation is potentially expensive.</b>	
40	OU 1111, TA-6, Aggregate A	High
	<b>The area is extensive and remediation is potentially expensive. No Further Action is likely.</b>	
<b>1114</b>		<b>5</b>
44	OU1114, Aggregate 01, TA-3, 1 PRS 3-050(a)	High
	<b>Relatively small cost of sample collection and analyses compared to the large reduction of uncertainty.</b>	
33	OU 1079, TA-45, Aggregate 13, 1 PRS Sanitary Sewer Outfall, 45-004	High
	<b>This PRS is expected to be a strong NFA candidate with a small amount of sampling.</b>	

## Site Ranking System (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	High
----	--	------

**Relatively few samples will greatly reduce  
uncertainty, and most likely result in an NFA.**

17	OU1114, Aggregate 16, TA-60, 1 PRS 60-006(a)	High
----	---	------

**High benefit is derived from the low cost to  
characterize and remediate PRS, compared to the low  
human health and/or environmental risk factors**

11	OU1114, Aggregate 18, TA-60, 4 PRSs 60-004(b), 60-004(d), 60-004(e), 60-007(a)	High
----	---	------

**High benefit is derived from the low cost to  
characterize and remediate PRS, compared to the low  
human health and/or environmental risk factors**

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 System (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

<b>1129</b>	<b>4</b>
-------------	----------

72	OU 1129, TA-35, Group 8  <b>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</b>	High
69	OU 1129, TA-35, Group 10  <b>Previous D&amp;D efforts left contamination in place at depth. Surface cover is eroding and exposing contaminated soils and materials. Benefit of reduced</b>	High
69	OU 1129, TA-48, Group 24  <b>A high benefit to cost ratios exist. For a relatively small cost, this risk can be eliminated.</b>	High
32	OU 1129, TA-63, Group 26  <b>Minimal sampling will be used to confirm the risk level, and provide the basis for NFA recommendation.</b>	High

<b>1130</b>	<b>7</b>
-------------	----------

62	Photo Outfall (C-36-003)  <b>If COCs are below SALs, uncertainty reduction would be high and costs would be low.</b>	High
51	Sump (36-002)  <b>If COCs are below SALs, uncertainty reduction would be high and costs would be low.</b>	High

## Site Ranking Sytem (SRS) Grouped Results

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

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

## Site Ranking System (SRS) Grouped Results

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

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

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

## Site Ranking System (SRS) Grouped Results

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

29	49-001A AREA 1 SHAFTS	High
	<b>Uncertainty associated with migration and location of TRW could be greatly reduced using innovative technology.</b>	
29	49-001C AREA 2a SHAFTS	High
	<b>Uncertainty associated with migration and location of TRW could be greatly reduced using innovative technology.</b>	
29	49-001D AREA 2b SHAFTS	High
	<b>Uncertainty associated with migration and location of TRW could be greatly reduced using innovative technology.</b>	
29	49-001E AREA 3 SHAFTS	High
	<b>Uncertainty associated with migration and location of TRW could be greatly reduced using innovative technology.</b>	
29	49-001F AREA 4 SHAFTS	High
	<b>Uncertainty associated with migration and location of TRW could be greatly reduced using innovative technology.</b>	
26	49-001B AREA 2 SHAFTS	High
	<b>Uncertainty associated with migration and location of TRW would be greatly reduced using innovative technology.</b>	

<b>1147</b>	<b>9</b>
-------------	----------

60	OU 1147, TA-50, SWMU 50-009	High
	<b>Uncertainty reduction will allow planning for new facility. Reduction of uncertainty about releases will be a significant benefit.</b>	
51	OU 1147, TA-50, SWMU 50-006(d)	High
	<b>Uncertainty reduction will allow planning for new facility.</b>	

## Site Ranking System (SRS) Grouped Results

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

50	OU 1147, TA-50, SWMU 50-006(a) <b>Uncertainty reduction will allow planning for new facility.</b>	High
42	OU 1147, TA-50, Aggregate 1 <b>Uncertainty reduction will allow planning for new facility. Reduction of uncertainty about releases will be a significant benefit.</b>	High
39	OU 1147, TA-50, Aggregate 4 <b>Uncertainty reduction will allow planning for new facility.</b>	High
38	OU 1147, TA-50, Aggregate 5 <b>Uncertainty reduction will allow planning for new facility.</b>	High
32	OU 1147, TA-50, Aggregate 3 <b>Uncertainty reduction will allow planning for new facility.</b>	High
28	OU 1147, TA-50, Aggregate 2 <b>Uncertainty reduction will allow planning for new facility.</b>	High
26	OU 1147, TA-50, SWMU 50-011(a) <b>Uncertainty reduction will allow planning for new facility.</b>	High

<b>1148</b>	
-------------	--

	<b>1</b>
--	----------

65	OU 1148, TA54, Agg. #1, MDA L <b>Development of a forced oscillatory air flow system may dramatically increase the effective rate of contaminant diffusion, reducing risk in this and other</b>	High
----	--	------

## Site Ranking System (SRS) Grouped Results

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

<b>1154</b>		<b>1</b>
28	OU 1154, TA57, AGG3, 1PRS(no number)	High
<b>High risk, low cost</b>		
<b>1157</b>		<b>7</b>
64	OU 1157, TAs-8,-9,-23, and-69, AGG6, 1PRS	High
<b>High risk reduction at low to medium costs.</b>		
56	OU 1157, TAs-8,-9,-23, and-69, AGG4, 1PRS	High
<b>Low cost and high risk reduction.</b>		
51	OU1157,TAs-8,-9,-23,and-69,AGG10,10PRSS	High
<b>High level of risk reduction at a relatively low cost.</b>		
40	OU 1157, TAs-8,-9,-23,and-69,AGG16,1PRS	High
<b>High risk reduction at a low cost.</b>		
39	OU 1157, TAs-8,-9,-23, and-69, AGG3, 1PRS	High
<b>Relatively low cost and high risk reduction.</b>		
35	OU 1157, TAs-8,-9,-23, and-69,AGG17,1PRS	High
<b>High risk reduction at a low cost.</b>		
29	OU 1157, TAs-8,-9,-23, and-69, AGG8, 1PRS	High
<b>High risk reduction at a minimal cost.</b>		

## 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
<b>This area is currently a testbed for INC Division's bioremediation project and would be an excellent candidate for practical applications of HE</b>		
1086		14
56	F.S. E-F, 15-004(f),-008(a),-009(e)	High
<b>There are active programs for the removal of uranium from soil.</b>		
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
<b>Removal of U from soils.</b>		
49	PERMEX, 15-003, 006(a), 009(g)	High
<b>Removal of U in soil in development.</b>		
47	R-44 SWMUs -006(c), -009(c)	High
<b>U in soils removal.</b>		

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

<b>1098</b>	<b>5</b>
-------------	----------

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

## Site Ranking System (SRS) Grouped Results

The site is a candidate for technology development.

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

## Site Ranking System (SRS) Grouped Results

The site is a candidate for technology development.

<b>1122</b>	<b>4</b>
-------------	----------

- |    |   |      |
|----|---|------|
| 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] | High |
|----|---|------|

**Surface uranium present.. Excellent site to test air-flights for laser-induced fluorescence since this is a remote, mothballed site.**

- |    |  |      |
|----|--|------|
| 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 |
|----|--|------|

**Shallow remote sensing for objects in berms**

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

**Shallow subsurface remote sensing, air-borne multispectral scanning. Possible test site for laser-induced fluorescent.**

- |    |   |      |
|----|---|------|
| 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 |
|----|---|------|

**Remote sensing techniques for material in berms (shallow burial)**

<b>1132</b>	<b>1</b>
-------------	----------

- |    |   |      |
|----|---|------|
| 65 | OU1132, TA 39, Aggr C, 6 PRSs, Firing Sites | High |
|----|---|------|

**The potential contaminants of concern at these sites include depleted uranium and high explosives. Current available remedial technology is not**

<b>1144</b>	<b>12</b>
-------------	-----------

- |    |                                   |      |
|----|-----------------------------------|------|
| 39 | 49-001G Soil Contamination Area 2 | High |
|----|-----------------------------------|------|

**Site has low level contamination, is isolated and well controlled. Concepts of magnetic separation could be tested at this site.**

## Site Ranking Sytem (SRS) Grouped Results

The site is a candidate for technology development.

---

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

---

## Site Ranking System (SRS) Grouped Results

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

---

44	OU 1071, 0-016 - inactive firing range	Other Federal Agency
	<b>USFS</b>	
44	SWMU 0-030(O) - Septic System	Private
44	OU 1071, 0-029(c) - leakage from PCB transformers	Other Federal Agency
	<b>USFS</b>	
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	Other Federal Agency
	<b>USFS</b>	
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 System (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 System (SRS) Grouped Results

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

26	SWMU 0-034 (b) "Landfill"	Private
----	---------------------------	---------

<b>1078</b>		
-------------	--	--

		<b>11</b>
--	--	-----------

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**

<b>1079</b>		
-------------	--	--

		<b>11</b>
--	--	-----------

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 System (SRS) Grouped Results

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

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

## 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.**

1114

1

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

**Property belongs to Los Alamos County and is used by the County Utilities Department.**

1154

4

62	OU 1154, TA57, AGG1, 1PRS	Private
----	---------------------------	---------

**San Diego Land Grant?**

35	OU 1154, TA57, AGG4, 1PRS(no number) Forest Service	Other Federal Agency
----	--	----------------------

# Site Ranking Sytem (SRS) Grouped Results

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

---

28	OU 1154, TA57, AGG3, 1PRS(no number) <b>Forest Service</b>	Other Federal Agency
25	OU 1154, TA57, AGG2, 4PRSs <b>Forest Service</b>	Other Federal Agency

## Site Ranking System (SRS) Grouped Results

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

**1049****19**

- 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.**
- 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.**

## Site Ranking System (SRS) Grouped Results

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

---

- 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.**
- 22 OU 1049 Los Alamos Canyon PRS C-0-006  
**RFI for townsite OUs need to be completed.**

## Site Ranking System (SRS) Grouped Results

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

<b>1071</b>	<b>7</b>
-------------	----------

- 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**

<b>1078</b>	<b>5</b>
-------------	----------

- 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**

**11**

- 47 OU 1079, TA-10, Aggregate 1, 4 PRSs  
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  
Radioactive 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, 2 PRSs  
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 System (SRS) Grouped Results

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

- 
- 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.**
- 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.**
- 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**

## Site Ranking System (SRS) Grouped Results

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

- 
- 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, Aggregate 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, Aggregate 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, Aggregate 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, Aggregate 57, 14 PRSs T-Site 16-005(f,  
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.**

- 28 OU 1082, TA-16, Aggregate 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.**

## Site Ranking System (SRS) Grouped Results

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

- 
- 26 OU 1082, TA-16, Aggregate 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, Aggregate 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, Aggregate 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, Aggregate 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, Aggregate 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, Aggregate 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.**
- 26 OU 1082, TA-16, Aggregate 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.**

## Site Ranking System (SRS) Grouped Results

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

- 
- 25 OU 1082, TA-16, Aggregate 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, Aggregate 54, 1 PRSs Septic System  
16-005(f)  
**Should be addressed w/MDA-R.**
- 17 OU 1082, TA-16, Aggregate 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, Aggregate 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, Aggregate 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.**

<b>1085</b>			<b>6</b>
-------------	--	--	----------

- 43 OU 1085, TA-12, 12-001(b)  
**There are six other PRSs located nearby that will be  
affected by the MWDF.**
- 35 OU 1085, TA-12, SWMU 12-001(a)  
**There are six other PRSs located nearby that will be  
affected by the MWDF.**

## Site Ranking System (SRS) Grouped Results

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

- 
- 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**

<b>1086</b>	<b>3</b>
-------------	----------

- 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 System (SRS) Grouped Results

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

<b>1093</b>	<b>5</b>
-------------	----------

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 activities; 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 activities; 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)**

<b>1098</b>	<b>13</b>
-------------	-----------

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 System (SRS) Grouped Results

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

- 
- 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 System (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 System (SRS) Grouped Results

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

<b>1106</b>		<b>40</b>
-------------	--	-----------

- |             |  |           |
|-------------|--|-----------|
| <b>1106</b> |  | <b>40</b> |
|-------------|--|-----------|
- 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 System (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 with similar removal.**
- 36 21-009 Former Waste Trt. Lab.  
**Excavation should be coordinated with similar removals.**

## Site Ranking System (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  
**Coordinate 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.**

<b>1111</b>	<b>2</b>
-------------	----------

- 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 System (SRS) Grouped Results

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

<b>1114</b>	<b>1</b>
-------------	----------

- 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.**

<b>1122</b>	<b>10</b>
-------------	-----------

- 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**

## Site Ranking System (SRS) Grouped Results

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

- 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**

- 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.**

## Site Ranking System (SRS) Grouped Results

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

- 
- 68 OU 1129, TA-48, Group 23  
**Sampling was completed at this site in September 1993 as Aggregate X.**
- 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 conjunction 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 conjunction 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.**

## Site Ranking System (SRS) Grouped Results

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

- 
- 54 OU 1129, TA-48, Group 20  
**Sampling was completed at this site in September 1993 as Aggregate K.**
- 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 conjunction with Aggregate T.**
- 53 OU 1129, TA-35, Group 15  
**Scheduling of Phase I sampling for this group should be done in conjunction 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.**

## Site Ranking System (SRS) Grouped Results

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

- 
- 51 OU 1129, TA-48, Group 7  
**Sampling was completed at this site in September 1993 as Aggregate N.**
- 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 construction 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 System (SRS) Grouped Results

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

<b>1132</b>		<b>3</b>
-------------	--	----------

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**

<b>1140</b>		<b>14</b>
-------------	--	-----------

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 System (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.**

<b>1148</b>	<b>4</b>
-------------	----------

- 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 System (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.**

## Site Ranking Sytem (SRS) Grouped Results

Magnitude of current (or likely to be future) major societal,  
political, tribal issues regarding this site

<b>1049</b>		<b>8</b>
-------------	--	----------

- |    |   |      |
|----|---|------|
| 57 | OU 1049 Sediment Traps Mortandad PRS 0-001<br><b>Sediment traps have been constructed to keep radionuclides on Laboratory land. San Idelfonso Pueblo have expressed concern about contamination</b> | High |
| 57 | OU 1049 Sandia Canyon PRS C-0-007<br><b>San Idelfonso Pueblo land at lower reaches.</b>   | High |
| 56 | OU 1049 Canada del Buey PRS C-0-009<br><b>Channel passess through White Rock and San Idelfonso Pueblo land at lower reaches.</b>  | High |
| 54 | OU 1049 Guaje Canyon PRS C-0-001<br><b>San Idelfonso and Santa Clara Pueblos have expressed concern about contamination of their property.</b>  | High |
| 50 | OU 1049 Bayo Canyon PRS C-0-004<br><b>Crosses San Idelfonso land.</b>   | High |
| 49 | OU 1049 Rendija Canyon PRS C-0-002<br><b>San Idelfonso and Santa Clara Pueblos have expressed concern about contamination of their property.</b>  | High |
| 44 | OU 1049 Barrancas Canyon PRS C-0-003<br><b>San Idelfonso and Santa Clara Pueblos have expressed concern about contamination of their property.</b>  | High |
| 22 | OU 1049 Los Alamos Canyon PRS C-0-006<br><b>Reactor incident and tritium in groundwater are issues. Crosses San Idelfonso land at lower reaches. Known contamination at Rio Grande.</b>             | High |

## Site Ranking System (SRS) Grouped Results

Magnitude of current (or likely to be future) major societal,  
political, tribal issues regarding this site

<b>1071</b>		<b>6</b>
-------------	--	----------

44	OU 1071, 0-030(e) - Septic System	High
44	OU 1071, 0-030(g) - Septic System	High
33	SWMU 0-031(b) - Soil Contamination beneath former service station	High
33	SWMU 0-032 - Soil Contamination beneath former motorpool facility	High
31	OU 1071, 0-004 - active container storage, 6th St	High
26	OU 1071, 0-003 - decontaminated container storage area	High

<b>1078</b>		<b>1</b>
-------------	--	----------

26	SWMU 01-007(d) - Subsurface Contamination - H/Theta Buildings	High
----	---	------

**Owner does not want any additional sampling done**

<b>1079</b>		<b>10</b>
-------------	--	-----------

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

**Property belongs to Los Alamos County and is currently used for recreational purposes. Potential future use includes residential.**

## Site Ranking System (SRS) Grouped Results

Magnitude of current (or likely to be future) major societal,  
political, tribal issues regarding this site

---

43	O1079, TA-45, Aggregate 11, 4 PRSs Radioactive Liquid Waste Treatment Area, 1-002, 45-001, 45-003, C-45-001  <b>Property belongs to Los Alamos County and is used            by the County Utilities Department for equipment            storage. The public uses the maintained hiking trails</b>	High
43	OU 1079, TA-45, Aggregate 12, 1 PRS Former Vehicle Decontamination Facility, 45-002  <b>Property belongs to Los Alamos County and is used            by the County Utilities Department for equipment            storage. The public uses the maintained hiking trails</b>	High
35	OU 1079, TA-10, Aggregate 2, 2PRSs Former Solid Waste Pits 10-002(a), 10-002(b)  <b>Property belongs to Los Alamos County and is            currently used for recreational purposes. Potential            future use includes residential.</b>	High
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  <b>Property belongs to Los Alamos County and is            currently used for recreational purposes. Potential            future use includes residential.</b>	High
33	OU 1079, TA-32, Aggregate 10, 2PRSs Former Medical Research Facility Septic System, 32-002(a), 32-002(b)  <b>Property belongs to Los Alamos County and is used            by the County Works Department.</b>	High
32	OU 1079, TA-31, Aggregate 8, 1 PRS Former Receiving Warehouse Septic System, 31-001  <b>Property belongs to Los Alamos County and is            currently used for recreational purposes. Potential            future use includes residential.</b>	High

## Site Ranking Sytem (SRS) Grouped Results

Magnitude of current (or likely to be future) major societal,  
political, tribal issues regarding this site

28	OU 1079, TA-10, Aggregate 6, 1PRS Former Firing Site Debris Disposal Pit, 10-005  <b>Property belongs to Los Alamos County and is currently used for recreational purposes. Potential future use includes residential.</b>	High
26	OU 1079, TA-10, Aggregate 4, 1PRS Former Personnel Building Septic System, 10-004(a)  <b>Property belongs to Los Alamos County and is currently used for recreational purposes. Potential future use includes residential.</b>	High
26	OU 1079, TA-10, Aggregate 5, 1PRS Former Radiochemistry Lab Septic System, 10-004(b)  <b>Property belongs to Los Alamos County and is currently used for recreational purposes. Potential future use includes residential.</b>	High

<b>1098</b>	<b>9</b>
-------------	----------

76	OU 1098, SWMU 2-005; Cool.Tow.Drift Loss  <b>Depending on redox state of chromium. Source term consisted of chromate; however, Cr<sup>3+</sup> could be predominant form of chromium.</b>	High
76	OU 1098, SWMU 2-009, Operational Rel.  <b>VCA conducted, residual source term still exists in Los Alamos Canyon, located near townsite.</b>	High
75	OU 1098, SWMU 41-002, Sewage Tr.Plt.  <b>Potential groundwater contamination, wetlands impact.</b>	High
74	OU 1098, SWMU 2-003; Decom. React Was.  <b>Los Alamos Canyon, off-site (Laboratory) contamination is an issue. Documented groundwater contamination by 90Sr, 137Cs, 3H above MCLs.</b>	High

## Site Ranking Sytem (SRS) Grouped Results

Magnitude of current (or likely to be future) major societal,  
political, tribal issues regarding this site

74	OU 1098, SWMU 2-006, Drains <b>Potential contamination of wetlands area.</b>	High
74	OU 1098, SWMU 2-008, Outfalls <b>Potential for non-localized contaminant migration.</b>	High
74	OU 1098, SWMU 2-011, StormDrains& Outfl. <b>Los Alamos Canyon, surface water and groundwater contamination. Potential impacts to wetlands.</b>	High
72	OU 1098, SWMU 2-007, Decom.Septic Sys. <b>Source term within Los Alamos Canyon, dynamic hydrogeological system, mobile contaminants. Potential contamination of wetlands.</b>	High
71	OU 1098, SWMU 2-004; Omg. Wst. React. <b>Documented groundwater contamination with tritium, 90Sr, and 137Cs.</b>	High

<b>1100</b>	<b>1</b>
-------------	----------

67	OU 1100 / 53-002(a), (b) <b>High level of concern with NMED. Closure of south impoundment is related to closure of LAMPF.</b>	High
----	--	------

<b>1106</b>	<b>2</b>
-------------	----------

56	21-015, MDA B	High
32	21-029, DP Tank Farm	High

## Site Ranking System (SRS) Grouped Results

Magnitude of current (or likely to be future) major societal,  
political, tribal issues regarding this site

1114	1	
33	OU 1079, TA-45, Aggregate 13, 1 PRS Sanitary Sewer Outfall, 45-004	High
<b>Property belongs to Los Alamos County and is used by the County Utilities Department.</b>		
1129	1	
50	OU 1129, TA-55, Group 25	High
<b>TA-55 (the plutonium site) will always be a political and societal issue.</b>		
1144	12	
39	49-001G Soil Contamination Area 2	High
<b>Site does contain plutonium and is near Bandelier.</b>		
38	49-003 Area 11 Leachfield	High
<b>Contamination contains plutonium and site near Bandelier.</b>		
38	49-008b Area 6 Soil Contamination	High
<b>Contamination contains plutonium and site near Bandelier.</b>		
38	49-008c Area 11 Soil Contamination	High
<b>Contamination contains plutonium and site near Bandelier.</b>		
38	49-008d Area 12 Soil Contamination	High
<b>Contamination contains plutonium and site near Bandelier.</b>		
29	49-001A AREA 1 SHAFTS	High
<b>Site associated with plutonium and nuclear weapons.</b>		

## Site Ranking System (SRS) Grouped Results

Magnitude of current (or likely to be future) major societal,  
political, tribal issues regarding this site

29	49-001C AREA 2a SHAFTS <b>Site associated with plutonium and nuclear weapons.</b>	High
29	49-001D AREA 2b SHAFTS <b>Site associated with plutonium and nuclear weapons.</b>	High
29	49-001E AREA 3 SHAFTS <b>Site associated with plutonium and nuclear weapons.</b>	High
29	49-001F AREA 4 SHAFTS <b>Site associated with plutonium and nuclear weapons.</b>	High
26	49-001B AREA 2 SHAFTS <b>Site associated with plutonium and nuclear weapons.</b>	High
18	49-007a&b Septic Systems	High

<b>1147</b>	<b>9</b>
-------------	----------

60	OU 1147, TA-50, SWMU 50-009 <b>Concerns about waste treatment at Los Alamos.</b>	High
51	OU 1147, TA-50, SWMU 50-006(d) <b>Concerns about waste treatment at Los Alamos; EIS being prepared for new facility. Commonly used recreation area.</b>	High
50	OU 1147, TA-50, SWMU 50-006(a) <b>Concerns about waste treatment at Los Alamos; EIS being prepared for new facility. Commonly used recreation area.</b>	High
42	OU 1147, TA-50, Aggregate 1 <b>Concerns about waste treatment at Los Alamos; EIS being prepared for new facility</b>	High

## Site Ranking System (SRS) Grouped Results

Magnitude of current (or likely to be future) major societal,  
political, tribal issues regarding this site

39	OU 1147, TA-50, Aggregate 4 <b>Concerns about waste treatment at Los Alamos; EIS being prepared for new facility.</b>	High
38	OU 1147, TA-50, Aggregate 5 <b>Concerns about waste treatment at Los Alamos; EIS being prepared for new facility.</b>	High
32	OU 1147, TA-50, Aggregate 3 <b>Concerns about waste treatment at Los Alamos; EIS being prepared for new facility.</b>	High
28	OU 1147, TA-50, Aggregate 2 <b>Concerns about waste treatment at Los Alamos; EIS being prepared for new facility.</b>	High
26	OU 1147, TA-50, SWMU 50-011(a) <b>Concerns about waste treatment at Los Alamos; EIS being prepared for new facility.</b>	High

<b>1148</b>	<b>3</b>
-------------	----------

65	OU 1148, TA54, Agg. #1, MDA L <b>San Ildefonso Pueblo land borders MDA L at TA-54 immediately to the north in the canyon.</b>	High
60	OU 1148, TA54, Agg. #4, MDA G <b>San Ildefonso Pueblo land borders MDA G at TA-54 immediately to the north in the canyon.</b>	High
53	OU 1148, TA54, Agg. #3, MDA H <b>Tritium plume</b>	High

# **Site Prioritization Paradigm**

**Environmental  
Restoration Program**

**October 1993**

**Los Alamos**

Los Alamos National Laboratory  
Los Alamos, New Mexico

---

## Credits

**Documented October 1993 by:**

**Manuel L. Martinez, Staff Research Assistant, EM-13  
Environmental Restoration Program with input from the  
SRS Technical Review Team.**



---

## Table of Contents

Introduction .....	3
Site Ranking System .....	3
Criteria for Prioritization .....	3
Using the Results. ....	3
Accessing the Site Ranking System .....	4
Questionnaire Response Screen. ....	6
View Graph Screen. ....	8
Criteria for Prioritization Screen. ....	9
Source of Information Screen .....	10
Saving and Exiting the Site Ranking Application. ....	11
Attachment A: The Site Ranking System	
Attachment B: Prioritization Criteria	
Attachment C: Interpretation of Selected SRS Questions	

## SITE PRIORITIZATION PARADIGM

### INTRODUCTION

A Site Prioritization paradigm has been developed to help set priorities for addressing the potential release sites (PRSs) at Los Alamos and Sandia National Laboratories/New Mexico (LANL and SNL). Development of this paradigm has involved contributions not only from personnel at the two laboratories, but also contributions from people associated with the U.S. Department of Energy (DOE) and with New Mexico and federal regulatory agencies. ✓

There are two parts to this paradigm. The first is called the site ranking system (SRS) (Attachment A). The second part is a list of prioritization criteria (Attachment B) that incorporates the numerical scores resulting from the SRS. Both parts are designed to be used with a computer based terminal and graphical user interface that incorporates push-buttons built into the screen to permit on-line answers to questions. As more information about the PRSs and the Los Alamos and Sandia environments becomes available through the Resource Conservation and Recovery Act Corrective Action process, more objective estimates can be made. The purpose of this paradigm is to summarize the best data available and the judgment of persons with extensive knowledge of the sites to permit some rankings of the large number of PRSs at Los Alamos and Sandia.

The paradigm has a subjective component that may cause differences in rankings from different respondents. Results of the site prioritization paradigm will be reviewed by a Technical Review Team, (TRT) consisting of members representing LANL, SNL, DOE, and New Mexico personnel supported by the DOE Agreement in Principle with the state.

### SITE RANKING SYSTEM

The ranking methodology provides a relative ranking of sites, on a PRS basis within an Operable Unit. However, a group of PRSs may be ranked as a single aggregate when reasonable, based on geographic proximity to one another. Aggregation of sites must be justified verbally to the TRT.

For each question, raters should use all available information to guide their selection of the "right" or most correct answer. The questions are to be answered by selecting (clicking) the one "most correct" answer from the choices that are listed. As raters perform their selection process, numerical values are calculated on the basis of the selected answers. The SRS totals the scores and displays the results.

Attached are guidelines for interpretation of selected questions in the part of the paradigm called the SRS (Attachment C).

There are three major categories included in this system:

- 1) Potential Risk - The first category includes questions about potential contaminants and concentrations of hazardous and radioactive constituents in soil, ground water, surface water, and air.
- 2) Pathways - The second category has questions relating to the potential for contaminants to move in an uncontrolled manner through the biosphere.
- 3) Receptors - The third category has questions that address the potential for humans or other species to come in contact with contaminants due to proximity or ease of access.

## CRITERIA FOR PRIORITIZATION

The second part of the paradigm, called the criteria for prioritization, also needs to be completed for each site. First, the VIEW GRAPH button is selected on the Questionnaire Response Screen. Raters continue by selecting the VALIDATION button on the View Graph Screen. The source of information matrix is completed to provide additional supporting documentation.

## USING THE RESULTS

The relative ranking of sites or site aggregates will be used by the Operable Unit Project Leaders (or equivalent level managers) as an aide to establishing priorities for resource allocations. Generally, the higher ranked sites are considered to have a higher priority for action, and thus for resources. Other considerations related to effective field logistics, equipment scheduling, level of certainty, and source of information must also figure into any final decisions concerning resource allocations. ✓

The TRT will review the results and adjust them as necessary to ensure uniformity as appropriate, with input from upper management.

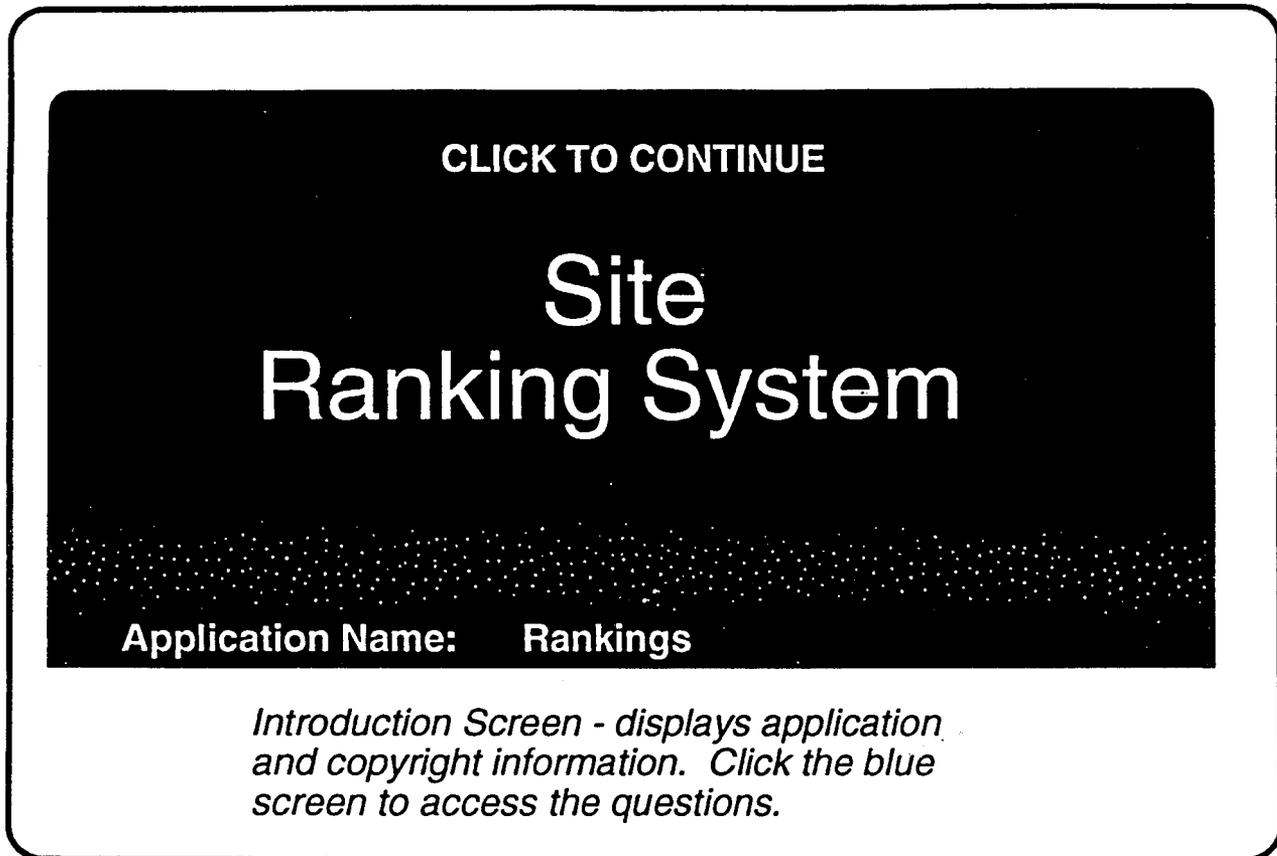


Figure 1 - SRS Introduction Screen

### Accessing the Site Ranking System (SRS)

To access the Site Ranking System (SRS), the FileMaker Pro application software and the SRS application must be installed on your computer.

#### Procedure for Macintosh and Microsoft Window Users

1. Macintosh - Begin by locating the SRS icon on the hard drive.  
Windows - Begin by locating the SRS icon in the Program Manager Window.
2. Double click on the SRS icon to begin the application.
3. Password - You will be prompted to enter a password. The password assigned is SRS. If you enter the password incorrectly, the following message is displayed: ! This password is incorrect.

Click OK to reenter the password or Cancel to abort the SRS application. If you choose to cancel, you must end the application software by selecting the File menu option with the mouse and choose: Macintosh - Quit, Windows - Exit

4. The SRS Introduction Screen is displayed as shown in Figure 1\*.

The SRS application screens are setup as follows:

- Introduction Screen
- Questionnaire Response Screen
- View Graph Screen
- Validation and Source of Information Screen

Click on the Introduction Screen to access the Questionnaire Response Screen as shown in Figure 2.

\*Note: Screen samples in this User's Guide only display a portion of the actual screen.

Press Tab to Enter Site I.D.

Site I.D. Site I.D.

## Site Ranking System

PRINT

CLEAR ALL

VIEW GRAPH

EXIT

HELP

RISK

A1. Compared to background concentrations, do wastes in place and/or waste constituents in soils, sediments, or the vadose zone contain or potentially contain quantities of contaminants of concern (COCs) sufficient to be a risk to human health or the environment?

- High risk
- Moderate risk
- Low risk
- No risk

*Using the mouse pointer, Click on the circle to select the response.*

Figure 2 - Questionnaire Response Screen

### Questionnaire Response Screen

The SRS features push-buttons built into the screen that will allow you to perform activities in the SRS.

#### Push-button Definitions:

- PRINT** - Allows you to print the questionnaire.
- CLEAR ALL** - Allows you to delete the selected responses and begin with a blank questionnaire. This also includes the deletion of the Criteria for Prioritization and Source of Information screens. The Site I.D. is not deleted.
- VIEW GRAPH** - Allows you to access and view the rankings graphical representation.

- EXIT** - Allows you to exit the application with an option to save your responses.
- HELP** - Allows you to access the Introduction screen for the contact's name and phone number if assistance is needed

### **Selecting the Responses**

**Note:** It is recommended that you first read Attachment C to this guide which provides an interpretation for answering selected questions.

Begin by pressing the Tab key to activate the Site I.D. field. Enter the name of the site you are ranking.

To select a response to a question, click in the circle next to the response. The selection is represented by a solid black circle as shown in Figure 2.

Continue the point and click selection process for each question. Use the right scroll bar or page up and page down keys to access all the questions.

### **Printing the Responses**

To print the questionnaire, click the PRINT button. The Print Dialog Box is displayed. Click OK or press return to begin printing.

### **View the Rankings Graphical Estimation**

To view the Graphical Estimation, click the VIEW GRAPH button. The View Graph Screen is displayed as shown in Figure 3.

**PRINT**

**Site Ranking System**

**VALIDATION**

Site Total   Total      Site I.D.   Site I.D.

### Graphical Estimation

*View Graph -  
the total is  
normalized  
to 100 and a  
graphical  
estimation is  
given.*

100  
90  
80  
70

●

Site Total Normalized

  ##

Figure 3 - View Graph Screen

### View Graph Screen

The View Graph Screen allows you to view the graphical representation of the rankings for the site. (Figure 3)

The View Graph Screen displays the total of all responses normalized to a hundred then displayed on the scale.

### Printing the Graph

To print the graph, click the PRINT button. The Print Dialog Box is displayed. Click OK or press return to begin printing.

Click the VALIDATION button to access the Criteria for Prioritization Screen as shown in Figure 4.

**PRINT**
**Criteria for Prioritization**
**ENTRY SCREEN**

Site Ranking System Score: \_\_\_\_\_

**Yes/No Responses:**

Federal or state regulations, agreements, or permits, or DOE Orders potentially require early or immediate remedial action.  
[OUPL Response Required]  Yes  No

DOE is planning to or is being asked to transfer the property containing this site. [OUPL Response Required]  Yes  No

Technology for remediation of the site is currently available.  
[OUPL Response Required]  Yes  No

Figure 4 - Criteria for Prioritization Screen

**Criteria for Prioritization Screen**

The Criteria for Prioritization Screen is displayed as shown in Figure 4.

Select your responses by clicking on the appropriate option on the screen. There are also spaces to type in your response if needed.

To print the Criteria for Prioritization, click the PRINT button. The Print Dialog Box is displayed. Within the Print Dialog Box, there is an option to print selected pages:

Pages: From:   1   To:   3  

Click in the From: box and enter the number 1, click in the To: box and enter the number 2. Click OK or press Return to begin printing.

Click the ENTRY SCREEN button to return to the Questionnaire Response Screen.

<b>Source of Information</b>			
Please indicate the source and confidence of information on potential contaminants below. Choose the appropriate category for each medium and for your level of certainty.			
<b>Medium</b>	<b>Analytical data/sampling</b>	<b>Operating and process history</b>	<b>Level of certainty</b>
Soils, sediments, or the vadose zone	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> High <input type="radio"/> Medium <input type="radio"/> Low
Ground water	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> High <input type="radio"/> Medium <input type="radio"/> Low
Surface water	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> High <input type="radio"/> Medium <input type="radio"/> Low

Figure 5 - Source of Information Screen

**Source of Information Screen**

To view the Source of Information Screen, press the page down button while in the Criteria for Prioritization Screen. The Source of Information Screen is displayed as shown in Figure 5.

Select your responses by clicking on the appropriate option on the screen.

To print the Source of Information, press the page up key and click the PRINT button. The Print Dialog Box is displayed. Within the Print Dialog Box, there is an option to print selected pages:

Pages: From:   4   To:   4  

Click in the From: box and enter the number 3, click in the To: box and enter the number 3. Click OK or press Return to begin printing.

To return to the Questionnaire Response Screen, click the ENTRY SCREEN button.

### **Saving and Exiting the Site Ranking Application**

To save the questionnaire, click the EXIT button while viewing the Questionnaire Response Screen.

The Save Dialog Box is displayed. Type the file name and click the SAVE button or press return to save the file.

The application is ended and the user is returned to the desktop (Macintosh) or to the program manager (Windows).

# **Attachments**

Site I.D. \_\_\_\_\_

## Site Ranking System

### RISK

A1. Compared to background concentrations, do wastes in place and/or waste constituents in soils, sediments, or the vadose zone contain or potentially contain quantities of contaminants of concern (COCs) sufficient to be a risk to human health or the environment?

- High risk
- Moderate risk
- Low risk
- No risk

A2. Do waste constituents in ground water contain or potentially contain sufficient quantities of COCs to be a risk to human health or the environment?

- High risk
- Moderate risk
- Low risk
- No risk

A3. Do waste constituents in surface water contain or potentially contain sufficient quantities of COCs to be a risk to human health or the environment?

- High risk
- Moderate risk
- Low risk
- No risk

A4. Do waste constituents in air contain or potentially contain sufficient quantities of COCs to be a risk to human health or the environment?

- High risk
- Moderate risk
- Low risk
- No risk

Site I.D. \_\_\_\_\_

## Site Ranking System

### PATHWAYS

B1. What is the vertical depth of shallowest ground water (including perched water) below the site?

Distance

- 30 ft or less
- 30 ft to 100 ft
- 100 ft to 300 ft
- Greater than 300 ft

B2. What is the distance to nearest domestic or agricultural water supply well?

Distance

- Less than 1/4 mile
- 1/4 to 1 mile
- 1 to 4 miles
- Greater than 4 miles

B3. What is the distance to nearest downstream surface water body (river, lake, etc.)?

Distance

- Less than 1/4 mile
- 1/4 to 1/2 mile
- 1/2 to 1 mile
- Greater than 1 mile

B4. What is the likelihood that contaminants could be carried to the nearest watershed drainage channel from the site?

- High probability
- Moderate probability
- Low probability
- None

B5. What is the nature of the waste containment at the site?

- Uncontrolled
- Uncovered or unlined pit, trench, or pad
- Lined or diked or covered pit, trench, or pad
- In sealed containers

Site I.D. \_\_\_\_\_

## Site Ranking System

### PATHWAYS

B6. What type of run-on/run-off control exists at the site?

- None
- Site covered with soil and vegetated, but lacking special run-on/run-off control
- Site capped with engineered cover with run-on/run-off control
- No control required

B7. Is the nature of the unit and contaminants, and the physical site setting (geologic, hydrologic, meteorologic, etc.) such that COCs are likely to be mobilized?

- High probability
- Moderate probability
- Low probability
- None

B8. Are waste forms combustible or otherwise reactive?

- Explosive or spontaneous
- Moderate to high combustibility and/or reactivity
- Low combustibility and/or reactivity or unknown but possible
- Noncombustible or nonreactive or not applicable

B9. Could the potential release site be disturbed by flooding, mass wasting, forest fires, or earthquakes, so as to result in release of the waste?

- High probability
- Moderate probability
- Low probability
- None

Site I.D. \_\_\_\_\_

## Site Ranking System

### RECEPTORS

C1. What is the distance to the closest exposed individual?

Distance

- Less than 1/4 mile
- 1/4 to 1/2 mile
- 1/2 to 1 mile
- Greater than 1 mile

C2. Are the COCs associated with this site likely to adversely impact ecologically sensitive habitats (eg wetlands), or threatened or endangered species?

- High probability
- Moderate probability
- Low probability
- None

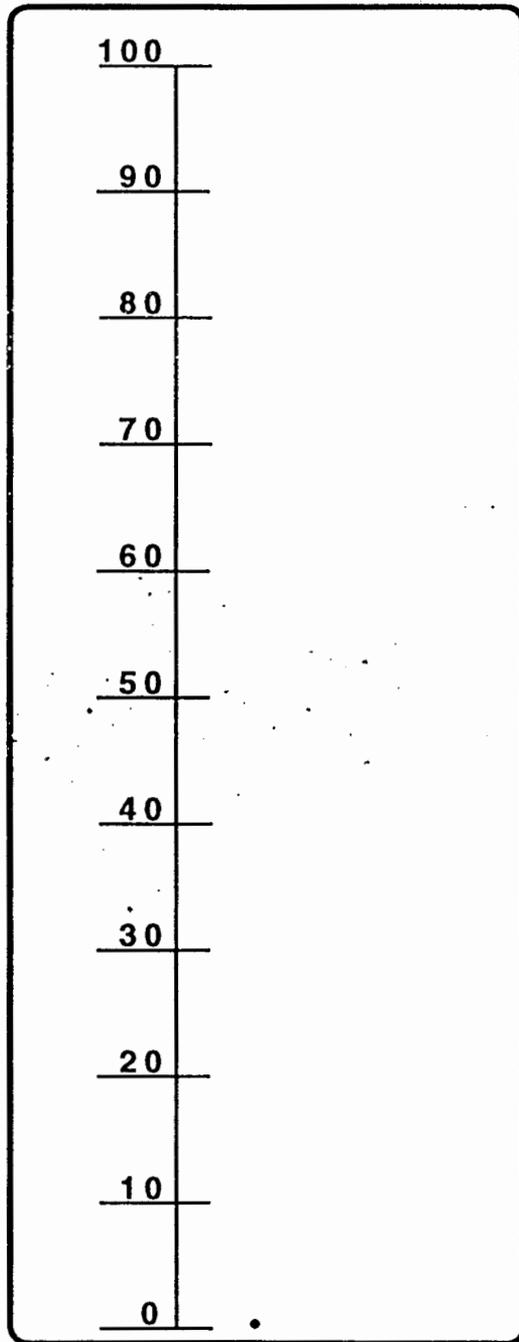
C3. Is access to site controlled to unauthorized or unsuspecting visitors?

- Uncontrolled
- Moderate level of control
- High level of control

# Site Ranking System

Site Total \_\_\_\_\_ Site I.D. \_\_\_\_\_

## Graphical Estimation



Site Total Normalized

0

# Criteria for Prioritization

**Yes/No Responses by OUPL with supporting comments, (3 lines of text maximum):**

Federal or state regulations, agreements, or permits, or DOE Orders potentially require early or immediate remedial action.

Yes  
 No

Comment:

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

Yes  
 No

Comment:

Technology for remediation of the site is currently available.

Yes  
 No

Comment:

## Scale of High, Medium, Low

Potential for successful Voluntary Corrective Action.

High  
 Medium  
 Low

Comment:

Potential for No Further Action with limited characterization.

High  
 Medium  
 Low

Comment:

Magnitude of current (or likely to be future) major societal, political, tribal issues regarding this site.

High  
 Medium  
 Low

Comment:

---

Site Ranking as of November 12, 1993

Indicate the Natural Resource  
magnitude of those on

of the

- High
- Medium
- Low

Comment:

The site is a candidate

- High
- Medium
- Low

Comment:

Ratio of benefit to cost (e

ratio).

- High
- Medium
- Low

Comment:

Identify the operation or program  
(e.g., Decontamination and

at the site  
ing operations).

Comment:

Identify any economies of scale

sites.

Comment:

## Describe or List

Current owner (or controller)

- DOE
- Private
- County

Comment:

**Information for Technical Review Team (Not to be completed by OUPL)**

For remediation, adequate treatment/storage/disposal capacity is currently available for:

Comment:

Radioactive Waste     Yes     No  
Hazardous Waste     Yes     No  
Mixed Waste         Yes     No

Natural Resources Trustees for this site are:

Comment:

## Source of Information

Please indicate the source and confidence of information on potential contaminants below. Choose the appropriate category for each medium and for your level of certainty.

Medium	Analytical data/sampling	Operating and process history	Level of certainty
Soils, sediments, or the vadose zone	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> High <input type="radio"/> Medium <input type="radio"/> Low
Ground water	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> High <input type="radio"/> Medium <input type="radio"/> Low
Surface water	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> High <input type="radio"/> Medium <input type="radio"/> Low
Air	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> High <input type="radio"/> Medium <input type="radio"/> Low

Name of Respondent \_\_\_\_\_

Respondent's Organization \_\_\_\_\_

Telephone Number \_\_\_\_\_

Fax Number \_\_\_\_\_

Site I.D. \_\_\_\_\_

## Site Ranking System

### RISK

A1. Compared to background concentrations, do wastes in place and/or waste constituents in soils, sediments, or the vadose zone contain or potentially contain quantities of contaminants of concern (COCs) sufficient to be a risk to human health or the environment?

- High risk
- Moderate risk
- Low risk
- No risk

A2. Do waste constituents in ground water contain or potentially contain sufficient quantities of COCs to be a risk to human health or the environment?

- High risk
- Moderate risk
- Low risk
- No risk

A3. Do waste constituents in surface water contain or potentially contain sufficient quantities of COCs to be a risk to human health or the environment?

- High risk
- Moderate risk
- Low risk
- No risk

A4. Do waste constituents in air contain or potentially contain sufficient quantities of COCs to be a risk to human health or the environment?

- High risk
- Moderate risk
- Low risk
- No risk

Site I.D. \_\_\_\_\_

## Site Ranking System

### PATHWAYS

- B1. What is the vertical depth of shallowest ground water (including perched water) below the site?

Distance

- 30 ft or less
- 30 ft to 100 ft
- 100 ft to 300 ft
- Greater than 300 ft

- B2. What is the distance to nearest domestic or agricultural water supply well?

Distance

- Less than 1/4 mile
- 1/4 to 1 mile
- 1 to 4 miles
- Greater than 4 miles

- B3. What is the distance to nearest downstream surface water body (river, lake, etc.)?

Distance

- Less than 1/4 mile
- 1/4 to 1/2 mile
- 1/2 to 1 mile
- Greater than 1 mile

- B4. What is the likelihood that contaminants could be carried to the nearest watershed drainage channel from the site?

- High probability
- Moderate probability
- Low probability
- None

- B5. What is the nature of the waste containment at the site?

- Uncontrolled
- Uncovered or unlined pit, trench, or pad
- Lined or diked or covered pit, trench, or pad
- In sealed containers

Site I.D. \_\_\_\_\_

## Site Ranking System

### PATHWAYS

- B6. **What type of run-on/run-off control exists at the site?**
- None
  - Site covered with soil and vegetated, but lacking special run-on/run-off control
  - Site capped with engineered cover with run-on/run-off control
  - No control required
- B7. **Is the nature of the unit and contaminants, and the physical site setting (geologic, hydrologic, meteorologic, etc.) such that COCs are likely to be mobilized?**
- High probability
  - Moderate probability
  - Low probability
  - None
- B8. **Are waste forms combustible or otherwise reactive?**
- Explosive or spontaneous
  - Moderate to high combustibility and/or reactivity
  - Low combustibility and/or reactivity or unknown but possible
  - Noncombustible or nonreactive or not applicable
- B9. **Could the potential release site be disturbed by flooding, mass wasting, forest fires, or earthquakes, so as to result in release of the waste?**
- High probability
  - Moderate probability
  - Low probability
  - None

Site I.D. \_\_\_\_\_

## Site Ranking System

### RECEPTORS

C1. What is the distance to the closest exposed individual?

Distance

- Less than 1/4 mile
- 1/4 to 1/2 mile
- 1/2 to 1 mile
- Greater than 1 mile

C2. Are the COCs associated with this site likely to adversely impact ecologically sensitive habitats (eg wetlands), or threatened or endangered species?

- High probability
- Moderate probability
- Low probability
- None

C3. Is access to site controlled to unauthorized or unsuspecting visitors?

- Uncontrolled
- Moderate level of control
- High level of control

# Criteria for Prioritization

Site Ranking System Score:     0    

**Yes/No Responses by OUPL with supporting comments, (3 lines of text maximum):**

Federal or state regulations, agreements, or permits, or DOE Orders potentially require early or immediate remedial action.

- Yes
- No

Comment:

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

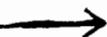
- Yes
- No

Comment:

Technology for remediation of the site is currently available.

- Yes
- No

Comment:



**Scale of High, Medium, Low**

Potential for successful Voluntary Corrective Action.

- High
- Medium
- Low

Comment:

Potential for No Further Action with limited characterization.

- High
- Medium
- Low

Comment:

Magnitude of current (or likely to be future) major societal, political, tribal issues regarding this site.

- High
- Medium
- Low

Comment:

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

- High
- Medium
- Low

Comment:

The site is a candidate for technology development.

- High
- Medium
- Low

Comment:

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

- High
- Medium
- Low

Comment:

### Describe or List

Current owner (or controller) of the site is:

- DOE  Private  County  Pueblo  Other Federal Agency

Comment:

### Information for Technical Review Team (Not to be completed by OUPL)

For remediation, adequate treatment/storage/disposal capacity is currently available for:

Comment:

- |                   |                           |                          |
|-------------------|---------------------------|--------------------------|
| Radioactive Waste | <input type="radio"/> Yes | <input type="radio"/> No |
| Hazardous Waste   | <input type="radio"/> Yes | <input type="radio"/> No |
| Mixed Waste       | <input type="radio"/> Yes | <input type="radio"/> No |

Natural Resources Trustees for this site are:

Comment:

*and \** { \* Identify the operation or program dependence/integration issues at the site (e.g., Decontamination and Decommissioning Program, Ongoing operations).

Comment:

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

Comment:

## Source of Information

Please indicate the source and confidence of information on potential contaminants below. Choose the appropriate category for each medium and for your level of certainty.

Medium	Analytical data/sampling	Operating and process history	Level of certainty
Soils, sediments, or the vadose zone	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> High <input type="radio"/> Medium <input type="radio"/> Low
Ground water	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> High <input type="radio"/> Medium <input type="radio"/> Low
Surface water	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> High <input type="radio"/> Medium <input type="radio"/> Low
Air	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> High <input type="radio"/> Medium <input type="radio"/> Low

Name of Respondent \_\_\_\_\_

Respondent's Organization \_\_\_\_\_

Telephone Number \_\_\_\_\_

Fax Number \_\_\_\_\_

## Attachment C

# Interpretation of Selected SRS Questions

### Risk Section

#### Question A1

Respondent must consider:

Do not take credit for institutional controls.  
This question addresses the source.  
What is the risk today and in the future?  
Use screening action levels (SALs) as a reference point or value.

for example:

High Risk	Four orders of magnitude above SAL or would take extreme precautions. <i>on entering site's</i>
Moderate	Two orders of magnitude above SAL or would take some precautions.
Low	Within an order of magnitude of SALs or would take minimal precautions.
No Risk	Below SAL or would enter with no precautions.

#### Question A2

Respondent must consider:

Ground water is any saturated zone.  
The waste disposal history of the site. (e.g. liquid disposal and driving forces involved)  
The present or future risk to human health and environment.  
Surface run off using Maximum Contaminant Level (MCL) as a reference point or value.

for example:

High Risk	An order of magnitude above the MCLs would push the response into moderate or high.
Moderate	
Low	Above MCLs.
No Risk	Less than MCLs.

Question A3

Respondent must consider:

Water ponding the surface.  
The solubility and mobility of contaminants.

Question A4

Respondent must consider:

Extent of the dispersion of surficial contaminants.  
Is the soil exposed to wind?  
How toxic are the contaminants?  
Particle size of contaminants.

**Pathways Section**

Question B1

Respondent must consider:

Maximum extent of the contaminant migration from the site.

Question B2 to B4 No suggested guidance.

Question B5

Respondent must consider:

The type of containment at the source and its ability to retard releases.  
The answer should indicate whether a release or continued release is expected from the source.

Question B6

Respondent must consider:

Site covered/capped is evidence of deliberate human effort used to cover contamination or revegetate the site.  
When looking at subsurface sites, look at the potential for infiltration to impact site.  
"No Control Required" is an appropriate answer when it is deemed that controls are unnecessary because of no potential for migration.

Question B7

Respondent must consider:

The nature of the PRS itself relative to potential for mobilization, e.g., a septic system with a saturated leach field.

Question B8 to B9 No suggested guidance.

### Receptors Section

Question C1

Respondent must consider:

The closest exposed individual is one present routinely, including, occupational, residential, or recreational (e.g., commonly used jogging trail) users.

Question C2

No suggested guidance.

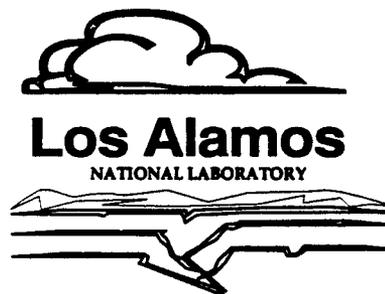
Question C3

Respondent must consider:

High level of control would mean that site access is through a guard gate, not necessarily at the site itself.  
The answer should consider how difficult or easy it would be to gain access without suspecting you are in a controlled area.

---

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					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

Site Ranking Sytem (SRS)  
Grouped Results

Operable Unit: 1049

	Maximum <span style="border: 1px solid black; padding: 2px;">69</span>	Minimum <span style="border: 1px solid black; padding: 2px;">44</span>
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: 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

	Maximum <span style="border: 1px solid black; padding: 2px;">57</span>	Minimum <span style="border: 1px solid black; padding: 2px;">22</span>
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	
VMU 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: 1071

PRS	RANKING	COUNT
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 System (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: 1100

	Maximum <span style="border: 1px solid black; padding: 2px;">67</span>		Minimum <span style="border: 1px solid black; padding: 2px;">26</span>
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 <span style="border: 1px solid black; padding: 2px;">67</span>		Minimum <span style="border: 1px solid black; padding: 2px;">14</span>
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 System (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	
1-013(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 System (SRS)  
Grouped Results

4

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

<b>Maximum</b>	56		<b>Minimum</b>	40
<b>PRS</b>		<b>RANKING</b>		<b>COUNT</b>
	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 System (SRS)  
Grouped Results

Operable Unit: 1114

PRS	RANKING	COUNT				
<table style="width: 100%; border: none;"> <tr> <td style="width: 15%; border: none;">Maximum</td> <td style="width: 60%; border: none; text-align: center;">44</td> <td style="width: 25%; border: none;">Minimum</td> <td style="width: 20%; border: none; text-align: center;">11</td> </tr> </table>			Maximum	44	Minimum	11
Maximum	44	Minimum	11			
41 to 45						
OU1114, Aggregate 01, TA-3, 1 PRS 3-050(a)	44	2				
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						
OU1114, Aggregate 07, TA-3, 2 PRS 3-054(e), C-3-006	40	3				
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						
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 System (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 System (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, 4 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 System (SRS) Grouped Results

Operable Unit: 1129

	Maximum <span style="border: 1px solid black; padding: 2px;">72</span>		Minimum <span style="border: 1px solid black; padding: 2px;">32</span>
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		
U 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 System (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

PRS	RANKING	COUNT
Maximum <input type="text" value="65"/>		Minimum <input type="text" value="36"/>
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 System (SRS) Grouped Results

Operable Unit: 1140

	Maximum <span style="border: 1px solid black; padding: 2px;">58</span>	Minimum <span style="border: 1px solid black; padding: 2px;">31</span>
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-003]	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

<b>Maximum</b>	39		<b>Minimum</b>	11
<b>PRS</b>		<b>RANKING</b>		<b>COUNT</b>
	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

PRS	RANKING	COUNT
Maximum <input type="text" value="65"/>		Minimum <input type="text" value="24"/>
	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 System (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 System (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	

Site Ranking System (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	
VMU 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 - Theta Buildings	26	
--	----	--

Site Ranking System (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 System (SRS) Grouped Results

Operable Unit: 1079

PRS	RANKING	COUNT				
<table style="width: 100%; border: none;"> <tr> <td style="width: 15%; border: none;">Maximum</td> <td style="width: 60%; border: none; text-align: center;">47</td> <td style="width: 25%; border: none;">Minimum</td> <td style="width: 20%; border: none; text-align: center;">26</td> </tr> </table>			Maximum	47	Minimum	26
Maximum	47	Minimum	26			
46 to 50						
OU 1079, TA-10, Aggregate 1, 4 PRSs Former Firing Sites 10-001(a), 10-001(b), 10-001(c), 10-001(d)	47	1				
41 to 45						
O1079, TA-45, Aggregate 11, 4 PRSs Radioactive Liquid Waste Treatment Area, 1-002, 45-001, 45-003, C-45-001	43	2				
OU 1079, TA-45, Aggregate 12, 1 PRS Former Vehicle Decontamination Facility, 45-002	43					
31 to 35						
OU 1079, TA-10, Aggregate 2, 2 PRSs Former Solid Waste Pits 10-002(a), 10-002(b)	35	5				
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, 2 PRSs 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						
OU 1079, TA-10, Aggregate 6, 1 PRS Former Firing Site Debris Disposal Pit, 10-005	28	4				
OU 1079, TA-32, Aggregate 9, 1 PRS Former Incinerator Site, 32-001	28					

Site Ranking System (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, Aggragate 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.d.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, Aggragate 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. d2. 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 System (SRS) Grouped Results

Operable Unit: 1082

PRS	RANKING	COUNT
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.	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	
JU 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, Aggragate 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	
$\leq 20$		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 System (SRS) Grouped Results

Operable Unit: 1085

Maximum <span style="border: 1px solid black; padding: 2px;">43</span>	Minimum <span style="border: 1px solid black; padding: 2px;">22</span>
--	--

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 System (SRS) Grouped Results

Operable Unit: 1086

PRS	RANKING	COUNT
<div style="display: flex; justify-content: space-between;"> <span>Maximum <span style="border: 1px solid black; padding: 2px 10px;">56</span></span> <span>Minimum <span style="border: 1px solid black; padding: 2px 10px;">28</span></span> </div>		
	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	
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 System (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	

**LOS ALAMOS NATIONAL LABORATORY  
ENVIRONMENTAL RESTORATION**

**Activities Conducted in FY93 and Planned for FY94**

FY94 OPERABLE UNIT BASELINE CHANGE PROPOSALS  
SCENARIO 1

OU	SRS PRS or Aggregate	SCORE	FY93 ACTIVITY					FY94 ACTIVITY						
			NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	RFI PHASE II	
1049	C-0-008	69												
	C-0-006	68			X									
	C-0-011	65												
	0-001	57												
	C-0-005	57												
	C-0-007	57												
	C-0-009	56												
	C-0-001	54												
	C-0-016	54												
	C-0-018	54												
	C-0-019	54												
	C-0-013	53												
	C-0-004	50												
	C-0-012	50												
	C-0-002	49												
	C-0-014	46												
	C-0-003	44												
	C-0-010	44												
	C-0-015	44												
	C-0-017	44												
1071	0-016	44		X					X		X		X	
	0-011(e)	46				X							X	
	1-011(a)	51				X							X	
	0-030(g)	44				X					X			
	0-030(c)	44									X			
	0-030(q)	42									X			
	0-030(e)	44									X			
	0-030(f)	42									X			
	73-001(a)	35									X			
	0-032	33									X		X	
	0-031(b)	33									X		X	

FY94 OPERABLE UNIT BASELINE CHANGE PROPOSALS  
SCENARIO 1

OU	SRS PRS or Aggregate		FY93 ACTIVITY					FY94 ACTIVITY					
	ID	SCORE	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	RFI PHASE II
	Bandelier Landfill									X		X	
	Bandelier Burrow Pits									X		X	
	0-001(d)	51				X						X	
	0-011(c)	43				X						X	
	C-0-020	49				X						X	
1078	1-001(c)	49										X	X
	1-001(d)	49			X	X						X	X
	1-001(f)	49			X	X						X	X
	1-003(a)	47				X						X	
	1-006(o)	40										X	
	1-001(e)	38										X	
	1-003(d)	38										X	
	1-003(e)	38										X	
	1-001(a)	38										X	
	1-001(g)	38										X	
	1-006(a)	38										X	
	D Bldg. SA	38			X	X							
	1-006(g)	38								X			
	1-001(o)	36										X	
	1-002	32								X	X		
	AGG N	32			X							X	
	1-006(h)	32								X	X		
	1-007(d)	26											
	1-007(e)	26								X	X		
	1-007(l)	25								X	X		
1079	AGG 1	47							X			X	
	AGG 2	35										X	
	AGG 3	35										X	
	AGG 4	26										X	
	AGG 5	26										X	

FY94 OPERABLE UNIT BASELINE CHANGE PROPOSALS  
SCENARIO 1

OU	SRS PRS or Aggregate		FY93 ACTIVITY					FY94 ACTIVITY					
	ID	SCORE	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	RFI PHASE II
	AGG 6	28									X		
	AGG 7	32			X			X				X	
	AGG 8	28			X							X	
	AGG 9	33			X				X	X Ph II		X	
	AGG 10	43			X					?		X	
	AGG 11	43			X					?		X	
	AGG 12	33			X			X				X	
1082	AGG 16	72			X					X			
	AGG 24	53			X					X			
	AGG 26	53			X					X			
	AGG 41	53			X				*	X			
	AGG 27	51			X					X			
	AGG 34	50			X					X			
	AGG 11	49			X					X			
	AGG 38	49			X					X			
	AGG 88	47								X			
	AGG 8	46			X					X			
	AGG 33	43			X					X			
	AGG 3	42			X					X			
	AGG 9	42			X					X			
	AGG 48	42			X					X			
	AGG 6	40			X					X			
	AGG 78	40			X					X			
	AGG 5	39			X					X			
	AGG 10	39			X					X			
	AGG 25	39			X					X			
	AGG 81	38								X			
	AGG 12	36			X					X			
	AGG 28	36			X					X			
	AGG 60	36			X					X			
	AGG 61	36								X			
	AGG 4	35			X					X			



**FY94 OPERABLE UNIT BASELINE CHANGE PROPOSALS  
SCENARIO 1**

OU	SRS PRS or Aggregate		FY93 ACTIVITY					FY94 ACTIVITY					
	ID	SCORE	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	RFI PHASE II
	AGG 32	35			X					X			
	AGG 58	35			X					X			
	AGG 1	33			X					X			
	AGG 80	33								X			
	AGG 7	31			X					X			
	AGG 15	31			X					X			
	AGG 22	31			X					X			
	AGG 29	31			X					X			
	AGG 45	31			X					X			
	AGG 57	31			X					X			
	AGG 74	31								X			
	AGG 63	29								X			
	AGG 47	28			X					X			
	AGG 68	28								X			
	AGG 71	28								X			
	AGG 84	28								X			
	AGG 31	26			X					X			
	AGG 36	26			X					X			
	AGG 42	26			X					X			
	AGG 43	26			X					X			
	AGG 44	26			X					X			
	AGG 49	26			X					X			
	AGG 50	26			X					X			
	AGG 51	26			X					X			
	AGG 52	26			X					X			
	AGG 13	25			X					X			
	AGG 14	25			X					X			
	AGG 35	25			X					X			
	AGG 37	25			X					X			
	AGG 39	25			X					X			
	AGG 40	25			X					X			
	AGG 46	25			X					X			

Footnotes are located on the last page of this spreadsheet.

FY94 OPERABLE UNIT BASELINE CHANGE PROPOSALS  
SCENARIO 1

OU	SRS PRS or Aggregate		FY93 ACTIVITY					FY94 ACTIVITY					
	ID	SCORE	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	RFI PHASE II
	AGG 64	25								X			
	AGG 69	25								X			
	AGG 70	25								X			
	AGG 72	25								X			
	AGG 73	25								X			
	AGG 75	25								X			
	AGG 76	25								X			
	AGG 77	25								X			
	AGG 79	25								X			
	AGG 86	25								X			
	AGG 87	25			X					X			
	AGG 2	24			X					X			
	AGG 17	24			X					X			
	AGG 23	24			X					X			
	AGG 54	24			X					X			
	AGG 62	24								X			
	AGG 85	24								X			
	AGG 19	21			X					X			
	AGG 30	21			X					X			
	AGG 65	21								X			
	AGG 66	21								X			
	AGG 67	21								X			
	AGG 21	19			X					X			
	AGG 82	19								X			
	AGG 83	19								X			
	AGG 53	17			X					X			
	AGG 55	17			X					X			
	AGG 56	17			X					X			
	AGG 59	17			X					X			
	AGG 18	15			X					X			
	AGG 20	15			X					X			
1085	12-001(b)	43			X				X		X		

FY94 OPERABLE UNIT BASELINE CHANGE PROPOSALS  
SCENARIO 1

OU	SRS PRS or Aggregate		FY93 ACTIVITY					FY94 ACTIVITY					
	ID	SCORE	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	RFI PHASE II
	14-009	43									X		
	12-001(a)	35									X		
	14-002(g)	33									X		
	AGG 1	29									X		
	14-002(a)												
	14-002(b)												
	14-002(c)												
	14-002(d)												
	14-005	28									X		
	AGG 2	28											
	C-14-001												
	C-14-006												
	C-14-008												
	C-14-009												
	14-003	26									X		
	AGG 3	26											
	C-14-002												
	C-14-003												
	C-14-004												
	C-14-005												
	C-14-007												
	AGG 4	24									X		
	C-12-001												
	C-12-002												
	C-12-003												
	C-12-004												
	C-12-005												
	AGG 5	24									X		
	14-001(a)												
	14-001(b)												
	14-001(c)												
	14-001(d)												

FY94 OPERABLE UNIT BASELINE CHANGE PROPOSALS  
SCENARIO 1

OU	SRS PRS or Aggregate		FY93 ACTIVITY					FY94 ACTIVITY					
	ID	SCORE	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	RFI PHASE II
	14-001(e)												
	14-001(f)	24									X		
	AGG 6	24									X		
	14-006												
	14-010												
	14-007	24									X		
	12-004(a)	22									X		
1086	none >61												
	FS E-F	56			X						X		
	15-004b&c	51			X						X		
	15-11, 14	50			X						X		
	15-6b, 9h	50			X						X		
	15-3, 6a, 9g	49			X						X		
	15-6c, 9c	47			X						X		
	15-12b,9j,4b	47			X						X		
	15-8b	46			X						X		
	15-4g,8c,9i	46			X						X		
	15-4h, 10c	46			X						X		
	15-11abc, 14	42			X						X		
	15-5b,9k,14	42			X						X		
	FS-C	40			X						X		
	MDA Z, 007b	40			X						X		
	R45	39			X						X		
	Burn pit	38			X						X		
	R-8	38			X						X		
	R-22	33			X						X		
	FS-C, HE	32			X						X		
	15-7a, 5, 6	28			X						X		
1093	Baz. Imp.	53		X	X						X		
	18-001(a)	49			X	X			X		X		
	27-002	47			X						X		
	18-002(abc)	44			X						X		

**FY94 OPERABLE UNIT BASELINE CHANGE PROPOSALS  
SCENARIO 1**

OU	SRS PRS or Aggregate	SCORE	FY93 ACTIVITY					FY94 ACTIVITY					
			NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	RFI PHASE II
	18-003(a-d)	40			X	X					X		
	18-010(b-f)	39			X						X		
	18-011	38			X						X		
	18-012(a-c)	38			X						X		
	18-005(a)	35			X						X		
	27-001	35			X	X		X					
	18-007	33			X	X		X					
	18-001(b)	29			X	X			X				
	18-008	29			X	X			X				
	18-003(e,f)	28			X						X		
	18-004(a,b)	28			X						X		
	18-003(g,h)	26			X	X					X		
1098	2-005	76			X						X		
	2-009	76			X						X		
	41-002	75			X						X		
	2-003	74			X						X		
	2-006	74			X						X		
	2-008	74			X						X		
	2-011	74			X						X		
	2-010	74			X						X		
	2-007	72			X						X		
	2-004	71			X						X		
	41-003	58			X						X		
	2-012	56			X				X		X		
	41-001	44			x						X		
1100	53-002(a,b)	67			X					X			
	20-002(a-d)	49			X					X			
	20-003(b)	44			X					X			
	20-003(c)	44			X					X			
	20-004	44			X					X			
	53-012(e)	43			X					X			
	72-001	42			X					X			

FY94 OPERABLE UNIT BASELINE CHANGE PROPOSALS  
SCENARIO 1

OU	SRS PRS or Aggregate	SCORE	FY93 ACTIVITY				FY94 ACTIVITY						
			NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	RFI PHASE II
	20-001(a-c)	40			X					X			
	20-005	40			X					X			
	53-008	38			X					X			
	53-009	38			X					X			
	53-001(a,b,e,	36			X					X			
	53-001(c,d,k)	36			X					X			
	53-005	29			X					X			
	53-006(a-f)	29			X					X			
	53-010	26			X					X			
1106	21-011(k)	67				X			X			X	
	21-016(a)	57				X							
	21-011(c)												
	21-028(a)												
	21-015	56									(X)**		
	21-027(a)	54										X	
	21-024(i)	53				X			X			X	
	21-003	38							X		(X)		
	21-004(a-c)	21									(X)		
	21-028(d,e)										(X)		
	21-029										(X)		
	21-002(b)	40									(X)		
	21-013(b-g)	44									(X)		
	21-013(e)	44									(X)		
	21-026(a-c)										(X)		
	21-010(a-h)												
	21-011(a-j)	42									(X)		
	21-017(a-c)	47									(X)		
	21-018(a,b)	42									(X)		
	21-014	50									(X)		
	Vadose***										X		
	21-007	47				X			X			X	
	21-008												

FY94 OPERABLE UNIT BASELINE CHANGE PROPOSALS  
SCENARIO 1

OU	SRS PRS or Aggregate		FY93 ACTIVITY					FY94 ACTIVITY					
	ID	SCORE	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	RFI PHASE II
	21-019(a-m)												
	21-024(m)	42						X				X	
	21-027(b)												
	21-024(a)	39										X	
	21-024(b)	39										X	
	21-024(c)	39										X	
	21-024(d)	39										X	
	21-024(e)	39										X	
	21-024(j,k)	39										X	
	21-024(o)	39						X				X	
	21-027(c)	39										X	
	21-006(b)	39						X				X	
	21-023(c)	39				X						X	
	EPA02A129	39				X						X	
	EPA03A035	39				X						X	
	EPA03A036	39				X						X	
	EPA03A037	39				X						X	
	EPA04A142	39				X						X	
	21-024(h)	35				X						X	
	21-024(f)	35						X				X	
	21-024(g)	35						X				X	
	21-024(l)	35						X				X	
	21-024(n)	35						X				X	
	21-027(d)	35						X				X	
	21-020(a)	33						X				X	
	21-020(b)	32						X				X	
1111	6-003(b)		X		X			X					
	6-004		X		X			X					
	22-001		X		X			X					
	22-003(a)		X		X			X					
	22-003(b)		X		X			X					
	22-003(c)		X		X			X					

FY94 OPERABLE UNIT BASELINE CHANGE PROPOSALS  
SCENARIO 1

OU	SRS PRS or Aggregate		FY93 ACTIVITY					FY94 ACTIVITY					
	ID	SCORE	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	RFI PHASE II
	22-003(e)		X		X			X					
	22-003(f)		X		X			X					
	22-003(g)		X		X			X					
	22-011		X		X			X					
	22-013		X		X			X					
	22-014(c)		X		X			X					
	40-001(a)		X		X			X					
	40-002(a)		X		X			X					
	40-002(b)		X		X			X					
	40-002(c)		X		X			X					
	40-003(a)		X		X			X					
	40-003(b)		X		X			X					
	40-008		X		X			X					
	C-6-020		X		X			X					
	C-40-001		X		X			X					
	AGG 1	40			X						X		
	22-015(c)	50			X						X		
	AGG A	40			X						X		
	AGG B	56			X						X		
	AGG C	46			X						X		
	AGG D	53			X						X		
1114	AGG 1	44								X			
	AGG 2	21								X			
	AGG 3	26								X			
	AGG 4	33			X						X		
	AGG 5	32								X			
	AGG 6	36			X						X		
	AGG 7	40								X			
	AGG 8	35								X			
	AGG 9	32			X						X		
	AGG 10	29								X			
	AGG 11	24			X						X		

FY94 OPERABLE UNIT BASELINE CHANGE PROPOSALS  
SCENARIO 1

OU	SRS PRS or Aggregate	SCORE	FY93 ACTIVITY					FY94 ACTIVITY					
			NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	RFI PHASE II
	AGG 12	33			X					X			
	AGG 13	28								X			
	AGG 14	32								X			
	AGG 15	43			X					X	X		
	AGG 16	17			X						X		
	AGG 17	35								X			
	AGG 18	11			X						X		
	AGG 19	35			X						X		
	AGG 20	21			X					X	X		
	AGG 21	24								X			
	AGG 22	35								X			
	AGG 23	36			X					X	X		
	AGG 24	47		X	X				X				
	AGG 25	35			X					X			
	AGG 26	24			X					X			
1122	AGG 1	22											
	AGG 2	51				X							
	AGG 3	17									X		
	AGG 4	29				X							
	AGG 5	38				X							
	AGG 6	46				X							
	AGG 7	38				X							
	AGG 8	19									X		
	AGG 9	28									X		
	AGG 10	46									X		
	AGG 11	25									X		
	AGG 12	36									X		
	AGG 13	0	X					X					
1129	D	69									X		
	E	65									X		
	F	67									X		
	G	72									X		

FY94 OPERABLE UNIT BASELINE CHANGE PROPOSALS  
SCENARIO 1

OU	SRS PRS or Aggregate		FY93 ACTIVITY					FY94 ACTIVITY					
	ID	SCORE	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	RFI PHASE II
	H	60									X		
	I	60									X		
	K	54				X							
	L	69				X					X		
	M	50				X							
	N	51				X					X		
	S	69								X	X		
	T	69								X	X		
	U	65								X	X		
	V	72								X	X		
	W	68								X	X		
	X	68			X	X							
	Y	58			X	X							
1130	Firing Sites	69			X						X		
	Photo outfall	62			X						X		
	Septic System	58			X						X		
	Sump	51			X				X		X		
	Boneyard	44			X						X		
	MDA AA	43			X						X		
	Sump	43			X				X		X		
	Surface Dis.	43			X						X		
	Port. Vessel	17			X				X		X		
1132	Landfills (A)	64			X						X		
	Septic Sys (D)	67			X	X			X				
	Firing Sites (C)	62			X								
	Sto. Area (B)	47			X	X							
1136	****	N/A			X			X			X		
1140	AGG 1	42			X								
	AGG 2	50			X						X		
	AGG 3	50			X						X		
	AGG 4	50			X						X		
	AGG 5	38			X								

**FY94 OPERABLE UNIT BASELINE CHANGE PROPOSALS  
SCENARIO 1**

OU	SRS PRS or Aggregate		FY93 ACTIVITY					FY94 ACTIVITY					
	ID	SCORE	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	RFI PHASE II
	AGG 6	42			X						X		
	AGG 7	50			X						X		
	AGG 8	58			X						X		
	AGG 9	42			X								
	AGG 10	50			X						X		
	AGG 11	31			X						X		
	AGG 12	51			X								
	AGG 13	50			X						X		
	AGG 14	0			X			X					
1144	49-001g	39				X							
	49-003	38											
	49-008a	38											
	49-008b	38											
	49-008c	38											
	49-008d	38											
	49-006	31											
	49-001a	29											
	49-001c	29											
	49-001d	29											
	49-001e	29											
	49-001f	29											
	49-001b	26									X		
	49-004	22											
	49-005a,b	22											
	49-007a,b	18											
	49-002	11											
1147	50-003(b)		X					X					
	50-003(c)		X					X					
	50-003(d)		X					X					
	50-003(e)		X					X					
	50-005		X					X					
	50-006(b)		X					X					

FY94 OPERABLE UNIT BASELINE CHANGE PROPOSALS  
SCENARIO 1

OU	SRS PRS or Aggregate		FY93 ACTIVITY					FY94 ACTIVITY					
	ID	SCORE	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	RFI PHASE II
	50-006(e)		X					X					
	AGG 1	42			X					X			
	AGG 2	28			X					X			
	AGG 3	32			X					X			
	AGG 4	39			X					X			
	AGG 5	38				X						X	
	50-006(a)	50				X						X	
	50-006(d)	51				X						X	
	50-011(a)	26			X					X			
	50-009	60				X						X	
1148	AGG 1	65			X	X				X	X		
	AGG 4	60			X	X				X	X		
	AGG 3	53			X	X				X	X		
	AGG 5	32			X	X							
	AGG 2	24			X	X							
1154	AGG1	62			X					X	X		
	57-002												
	AGG 4	35			X				X	X	X		
	leach field												
	AGG3	28			X			X	X	X			
	AGG2	25			X					X	X		
	57-001(b)												
	57-001(c)												
	57-004(a)												
	57-004(b)												
	NFAs				X			X		X			
	57-001(a)												
	57-003												
	57-005												
1157	AGG 14	68			X				X	X	X		
	9-013												
	AGG 6	64			X					X	X		

FY94 OPERABLE UNIT BASELINE CHANGE PROPOSALS  
SCENARIO 1

OU	SRS PRS or Aggregate	FY93 ACTIVITY					FY94 ACTIVITY							
		ID	SCORE	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	RFI PHASE II
	8-009(a)													
	AGG 7	61			X					X	X			
	8-009(c)													
	8-009(d)													
	8-009(e)													
	8-009(f)													
	AGG 9	60			X					X	X			
	9-010(a)													
	9-010(b)													
	9-011(b)													
	9-011(c)													
	AGG 4	56			X					X	X			
	8-005	56												
	AGG 15	54			X					X	X			
	69-001				X					X	X			
	AGG 10	51			X				X	X	X			
	9-001(c)													
	9-003(a)													
	9-003(b)													
	9-003(d)													
	9-003(e)													
	9-003(g)													
	9-003(h)													
	9-003(i)													
	9-005(a)													
	9-005(d)													
	AGG 13	50			X					X	X			
	9-001(a)													
	9-001(b)													
	9-001(c)													
	9-002													
	9-014													

FY94 OPERABLE UNIT BASELINE CHANGE PROPOSALS  
SCENARIO 1

OU	SRS PRS or Aggregate		FY93 ACTIVITY					FY94 ACTIVITY					
	ID	SCORE	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	RFI PHASE II
	AGG 1	40			X					X	X	X	
	8-002												
	AGG 11	40			X					X	X		
	9-008(b)												
	AGG 16	40			X					X	X		
	C-8-010												
	AGG 2	39			X					X	X	X	
	8-006(a)												
	AGG 3	39			X				X	X			
	8-003(a)												
	AGG 12	39			X					X	X	X	
	9-012												
	AGG 17	35			X					X	X		
	C-9-001												
	AGG 8	29			X					X	X		
	9-009												
	AGG 5	21			X					X	X		
	8-004(d)												
	NFAs				X			X		X			
	8-007												
	8-008(a)												
	8-008(b)												
	8-008(c)												
	8-008(d)												
	8-009(b)												
	8-010(a)												
	8-010(b)												
	8-010(c)												
	8-006(b)												
	8-003(b)												
	8-003(c)												
	8-011(a)												

**FY94 OPERABLE UNIT BASELINE CHANGE PROPOSALS  
SCENARIO 1**

OU	SRS PRS or Aggregate	FY93 ACTIVITY						FY94 ACTIVITY					
		SCORE	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	RFI PHASE II
	8-011(b)												
	9-003(f)												
	9-005(b)												
	9-005(c)												
	9-005(e)												
	9-005(f)												
	9-005(g)												
	9-005(h)												
	9-007												
	9-010(c)												
	9-011(a)												
	9-003(c)												
	9-008(a)												
	9-016												
	9-015												
	69-002(a)												
	69-002(b)												
	C-8-001												
	C-8-002												
	C-8-003												
	C-8-004												
	C-8-005												
	C-8-006												
	C-8-007												
	C-8-008												
	C-8-009												
	C-8-011												
	C-8-012												
	C-8-013												
	C-8-015												
	C-8-016												
	C-8-017												

**FY94 OPERABLE UNIT BASELINE CHANGE PROPOSALS  
SCENARIO 1**

OU	SRS PRS or Aggregate		FY93 ACTIVITY					FY94 ACTIVITY					
	ID	SCORE	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	NFA	VCA	RFI WP	RFI PHASE I	RFI PH I RPT	RFI PHASE II
	C-8-018												
	C-8-019												
	C-8-020												
	C-9-002												
	C-9-003												
	C-9-004												
	C-9-005												
	C-9-006												
	C-9-007												
	C-9-008												
	C-9-009												
	C-9-010												
	C-9-011												

\*This unit will undergo a RCRA closure and will be funded under a separate ADS managed by David Hickens of EM/ER.

\*\* (X) denotes originally scheduled activity that has been delayed due to \$1.5M cut.

\*\*\*Vadose zone characterization has no SWMU number; however, it is critical to the assessment of all MDAs.

\*\*\*\*All PRSs, with the possible exception of the acid waste line under the Health Research Laboratory, will be NFA in FY94, funds permitting.

## **EXPLANATION FOR IDENTICAL SCENARIOS 1 AND 2 FOR FISCAL YEAR 1994 OPERABLE UNIT BASELINE CHANGE PROPOSALS**

### **Operable Unit 1049**

The potential release site selected for funding under Scenario 1 was Los Alamos Canyon (PRSC0006). Funding under Scenario 1 for all PRSs with a site ranking score above 61 would dilute efforts with little progress towards characterization and remediation of these canyons. The same rationale can be applied to Scenario 2. There is presently no basis to accelerate any of the canyons for no further action or voluntary corrective action until the OUs surrounding these canyons are characterized.

Los Alamos Canyon was selected for the following reasons: (1) the OUs surrounding Los Alamos Canyon (1071 and 1106) are ahead of many of the other OUs in terms of characterization; (2) the issue of connection of the various aquifers (perched, intermediate, and main) will be addressed in this Resource Conservation and Recovery Act facility investigation (RFI); and (3) the priority given to OU 1098 is further reflected in the selection of Los Alamos Canyon.

### **Operable Unit 1071**

No sites were ranked over 61.

### **Operable Unit 1078**

No sites were ranked over 61.

### **Operable Unit 1079**

No sites were ranked over 61.

### **Operable Unit 1082**

Limited funds in probable allocation did not provide for optimal characterization and assessment of levels 61 and above.

### **Operable Unit 1085**

No sites were ranked over 61.

The following areas of concern are proposed for no further action and are planned to be addressed in FY94, funds permitting: 14, 005, 14-004(b), 14-001(g), C-12-006, 14-004(a), 14-004(c), 12-002, 12-003, 14-008, 14-001(f), 14-002(a), 14-002(b), 14-002(f), 14-009, 14-010, C-14-002, C-14-008, 14-001(a), 14-001(b), 14-001(c), 14-001(d), 14-001(e), 14-006, C-14-003, C-14-004, C-14-005, C-14-006, and C-14-007.

### **Operable Unit 1086**

No sites were ranked over 61.

### **Operable Unit 1093**

No sites were ranked over 61. However, limited funds in probable allocation did not provide for optimal characterization and assessment of levels 61 and above.

### **Operable Unit 1098**

Limited funds in probable allocation did not provide for optimal characterization and assessment of levels 61 and above.

### **Operable Unit 1106**

There was no change in the number of activities to be undertaken due to the following:

SWMU 21-011(k): has the highest site ranking system score. Alpha levels exceed 50,000 pCi/g and surface doses range up to 5mR/hr. Fencing of the 50mR/hr contour and selective removal of the hottest spots within this are proposed.

SWMU 21-0024(l): Straightforward removal of surface soil is proposed for a small, uncontrolled area with significant alpha levels. This SWMU has the fifth highest ranking in this operable unit.

Corrective actions at Material Disposal Areas (MDAs) B and V: Removal of unwanted vegetation, asphalt repair, and other MDA corrective actions are expected to be required by the preceding activity. Also, Phase Report 1A identified the possibility of slope lastability at a corner of MDA V, indicating the need for an engineering study to determine whether further corrective actions are required.

### **Operable Unit 1100**

Limited funds in probable allocation did not provide for optimal characterization and assessment of levels 61 and above.

### **Operable Unit 1111**

No sites were ranked over 61.

### **Operable Unit 1114**

No sites were ranked over 61.

### **Operable Unit 1122**

No sites were ranked over 61.

### **Operable Unit 1129**

This operable unit is able to fund characterization of only those aggregates that scored above 61 at a cost of \$2.93M.

### **Operable Unit 1130**

Limited funds in probable allocation did not provide for optimal characterization and assessment of levels 61 and above.

### **Operable Unit 1132**

Limited funds in probable allocation did not provide for optimal characterization and assessment of levels 61 and above.

### **Operable Unit 1136**

This operable unit was deferred from the ranking exercise based on the tentative recommendation to propose all areas of concern for no further action. Subsequently, it has been determined that the old acid waste line that crosses the Health Research Laboratory area may need to be addressed under this operable unit. If so, that one site will likely require some remedial action and may score above 61 on the site ranking system.

### **Operable Unit 1140**

No sites were ranked over 61.

### **Operable Unit 1144**

No sites were ranked over 61.

### **Operable Unit 1147**

No sites were ranked over 61.

### **Operable Unit 1154**

Based on the site ranking system scores, the scenarios for above 51 or 61 did not change because this is the field work that would be conducted at any rate, based on reasonable funding. The lower-scored sites will be the first ones to get postponed if inadequate funding is received.

The following voluntary corrective actions are planned for FY94 and will be conducted based on reasonable funding and proper disposal capacity for the waste:

- Leach field and waste tank from chemistry trailer (no PRS numbers).

## **Operable Unit 1157**

Based on the site ranking system scores, the scenarios for above 51 or 61 did not change because this is the field work that would be conducted at any rate, based on reasonable funding. The lower-scored sites will be the first ones to get postponed if inadequate funding is received.

The following voluntary corrective actions are planned for FY94 and will be conducted based on reasonable funding and proper disposal capacity for the waste:

- 9-013 (MDA M)
- 8-005 (waste storage vessel)
- 9-005(d) (septic system)
- 8-003(a) (septic system)