Table 1.0-1
Upper Los Alamos Canyon Aggregate Area Sites and Their Regulatory Status

Consolidated Unit	SWMU/AOC Number	Site Description	Site in HIR?	Site in Work Plan?	Site Status
TA-00					
00-003-99 Western Steam Plant	SWMU 00-003	Container storage area	Yes	No	NFA granted (NMED 2002, 73096)
	SWMU 00-012	Former underground blow-off tank	Yes	No	NFA granted (NMED 2002, 73096)
	SWMU 00-017	Waste lines	Yes	Yes	Investigation for former line 167; No sampling proposed for line 170 and line 171
	AOC 00-030(i)	Septic system	Yes	No	NFA granted (NMED 2002, 73096)
	AOC 00-031(a)	Soil contamination beneath former service station	Yes	Yes	No sampling proposed
	AOC 00-031(b)	Soil contamination beneath former motor pool (two USTs)	Yes	Yes	No sampling proposed
	AOC 00-032	Soil contamination beneath former motor pool (UST for used motor oil)	Yes	No	NFA granted (EPA 2005, 88464)
	AOC 00-034(b)	Landfill, western area	Yes	Yes	No sampling proposed
	AOC 00-035(a)	Surface disposal	Yes	No	NFA granted (EPA 2005, 88464)
	AOC C-00-042	Tank (formerly part of SWMU 00-032)	Yes	Yes	No sampling proposed
TA-01					
01-001(a)-99 Miscellaneous TA-01	SWMU 01-001(a)	Septic tank 134	Yes	Yes	Investigation
	SWMU 01-001(b)	Septic tank 135	Yes	Yes	Investigation
	SWMU 01-001(c)	Septic tank 137	Yes	Yes	Investigation
	SWMU 01-001(d)	Septic tank 138	Yes	Yes	Investigation
	SWMU 01-001(e)	Septic tank 139	Yes	Yes	Investigation
	SWMU 01-001(f)	Septic tank 140	Yes	Yes	Investigation
	SWMU 01-001(g)	Septic tank 141	Yes	Yes	Investigation
	SWMU 01-001(o)	Sanitary waste line	Yes	Yes	Investigation
	SWMU 01-001(s)	Western sanitary waste line, main line	Yes	Yes	Investigation
	SWMU 01-001(t)	Eastern sanitary waste line	Yes	Yes	Investigation
	SWMU 01-001(u)	Western sanitary waste line, branch line	Yes	Yes	Investigation
	SWMU 01-002	Industrial waste line	Yes	Yes	Investigation
	SWMU 01-003(a)	Bailey Bridge landfill	Yes	Yes	Investigation
	SWMU 01-003(b)	Surface disposal area	Yes	Yes	Investigation

Table 1.0-1 (continued)

Consolidated Unit	SWMU/AOC Number	Site Description	Site in HIR?	Site in Work Plan?	Site Status
	SWMU 01-003(e)	Surface disposal site southeast of Los Alamos Inn	Yes	Yes	Investigation
	AOC 01-004(a)	Gas-fired incinerator	Yes	No	NFA granted (EPA 2005, 88464)
	AOC 01-004(b)	Gas-fired incinerator	Yes	No	NFA granted (EPA 2005, 88464)
	AOC 01-005	Bench-scale incinerator	Yes	No	NFA granted (EPA 2005, 88464)
	SWMU 01-006(a)	Cooling tower drain line and outfall	Yes	Yes	Investigation
	SWMU 01-006(b)	Drain line and outfall	Yes	Yes	Investigation
	SWMU 01-006(c)	Drain lines and outfalls	Yes	Yes	Investigation
	SWMU 01-006(d)	Drain line and outfall	Yes	Yes	Investigation
	AOC 01-006(e)	Drain lines and outfalls to Ashley Pond	Yes	Yes	Investigation
	AOC 01-006(g)	Stormwater drainage system	Yes	Yes	Investigation
	SWMU 01-006(h)	Stormwater drainage system	Yes	Yes	Investigation
	SWMU 01-006(n)	Stormwater drainage system	Yes	Yes	Investigation
	SWMU 01-006(o)	Stormwater drainage system	Yes	Yes	Investigation
	AOC 01-006(p)	Storm drain and outfall	Yes	No	NFA granted (EPA 1994, 38816)
	SWMU 01-007(a)	Suspected subsurface soil radiological contamination	Yes	Yes	Investigation
	SWMU 01-007(b)	Suspected subsurface soil radiological contamination	Yes	Yes	Investigation
	SWMU 01-007(c)	Suspected subsurface soil radiological contamination	Yes	Yes	Investigation
	SWMU 01-007(d)	Suspected subsurface soil radiological contamination	Yes	Yes	Investigation
	SWMU 01-007(e)	Suspected subsurface soil radiological contamination	Yes	Yes	Investigation
	AOC 01-007(f)	Suspected soil contamination	Yes	No	NFA granted (EPA 1994, 38816)
	AOC 01-007(h)	Suspected soil contamination	Yes	No	NFA granted (EPA 1994, 38816)
	AOC 01-007(i)	Suspected soil contamination	Yes	No	NFA granted (EPA 1994, 38816)
	SWMU 01-007(j)	12 areas of suspected subsurface soil radiological contamination	Yes	Yes	Investigation
	SWMU 01-007(l)	Suspected subsurface soil contamination	Yes	Yes	No sampling proposed

Table 1.0-1 (continued)

Consolidated Unit	SWMU/AOC Number	Site Description	Site in HIR?	Site in Work Plan?	Site Status
	AOC 01-007(m)	Suspected soil contamination	Yes	No	NFA granted (EPA 1994, 38816)
	AOC 01-007(o)	Suspected soil contamination	Yes	No	NFA granted (EPA 1994, 38816)
	SWMU 01-001(h)	Septic tank 142	Yes	No	NFA granted (EPA 1994, 38816)
	SWMU 01-001(i)	Septic tank 143	Yes	No	NFA granted (EPA 1994, 38816)
	SWMU 01-001(j)	Septic tank 149	Yes	No	NFA granted (EPA 1994, 38816)
	SWMU 01-001(k)	Septic tank 268	Yes	No	NFA granted (EPA 1994, 38816)
	SWMU 01-001(l)	Septic tank 269	Yes	No	NFA granted (EPA 1994, 38816)
	SWMU 01-001(m)	Septic tank 275	Yes	No	NFA granted (NMED 2000, 68552)
	SWMU 01-001(n)	Septic tank 276	Yes	No	NFA granted (EPA 1994, 38816)
	AOC 01-001(p)	Septic system	Yes	No	NFA granted (EPA 2005, 88464)
	AOC 01-001(q)	Septic system	Yes	No	NFA granted (EPA 1994, 38816)
	AOC 01-001(r)	Septic system	Yes	No	NFA granted (EPA 2005, 88464)
	AOC 01-001(v)	Septic system	Yes	No	NFA granted (EPA 1994, 38816)
	AOC 01-001(w)	Septic system	Yes	No	NFA granted (EPA 1994, 38816)
	AOC 01-003(c)	Surface disposal site	Yes	Yes	No sampling proposed
	SWMU 01-003(d)	Surface disposal site – Can Dump Site	Yes	Yes	Investigation
	AOC 01-006(f)	Drain lines and outfall	Yes	No	NFA granted (EPA 2005, 88464)
	AOC 01-006(i)	Drain lines and outfall	Yes	No	NFA granted (EPA 1994, 38816)
	AOC 01-006(j)	Drain lines and outfall	Yes	No	NFA granted (EPA 2005, 88464)
	AOC 01-006(k)	Drain lines and outfall	Yes	No	NFA granted (EPA 1994, 38816)
	AOC 01-006(l)	Drain lines and outfall	Yes	No	NFA granted (EPA 1994, 38816)
	AOC 01-006(m)	Drain lines and outfall	Yes	No	NFA granted (EPA 1994, 38816)

Table 1.0-1 (continued)

Consolidated Unit	SWMU/AOC Number	Site Description	Site in HIR?	Site in Work Plan?	Site Status
	AOC 01-006(q)	Drain lines and outfall	Yes	No	NFA granted (EPA 2005, 88464)
	AOC 01-006(r)	Drain lines and outfall	Yes	No	NFA granted (EPA 2005, 88464)
	AOC 01-006(s)	Drain lines and outfall	Yes	No	NFA granted (EPA 2005, 88464)
	AOC 01-006(t)	Drain lines and outfall	Yes	No	NFA granted (EPA 1994, 38816)
	AOC 01-007(g)	Soil-contamination area	Yes	No	NFA granted (EPA 1994, 38816)
	AOC 01-007(k)	Soil-contamination area	Yes	Yes	Investigation
	AOC 01-007(n)	Soil-contamination area	Yes	No	NFA granted (EPA 1994, 38816)
	AOC 01-007(p)	Soil-contamination area	Yes	No	NFA granted (EPA 1994, 38816)
TA-03					
	AOC 03-001(m)	Satellite accumulation area	Yes	No	NFA granted (EPA 2005, 88464)
	AOC 03-008(a)	Firing site	Yes	Yes	No sampling proposed
	SWMU 03-009(b)	Surface disposal area	Yes	No	NFA granted (NMED 1998, 63042)
	SWMU 03-009(j)	Surface disposal site	Yes	Yes	Investigation
03-038(a)-00 Tanks and/or Associated Equipment	SWMU 03-038(a)	Acid tank	Yes	Yes	Investigation
	SWMU 03-038(b)	Acid tank	Yes	Yes	Investigation
	SWMU 03-055(c)	Outfall	Yes	Yes	Investigation
	SWMU 03-055(d)	Storm drain (active)	Yes	No	NFA granted (NMED 2001, 70010)
TA-30					
	AOC 30-001	Surface disposal and landfill	Yes	No	NFA granted (DOE 1995, 50023)
TA-32					
	SWMU 32-001	Incinerator (former location)	Yes	Yes	Investigation
	SWMU 32-002(a)	Septic tank (former location); drain lines	Yes	Yes	Investigation
	SWMU 32-002(b)	Septic system	Yes	Yes	Investigation
	AOC 32-003	Transformer site (former location)	Yes	Yes	Investigation
	AOC 32-004	Drain line and outfall	Yes	Yes	Investigation
	AOC C-32-001	Buildings	Yes	No	NFA granted (EPA 2005, 88464)

Table 1.0-1 (continued)

Consolidated Unit	SWMU/AOC Number	Site Description	Site in HIR?	Site in Work Plan?	Site Status
TA-41					
	SWMU 41-001	Septic system	Yes	Yes	Investigation
41-002(a)-99 TA-41 Sewage Treatment Plant	SWMU 41-002(a)	Imhoff tank	Yes	Yes	Deferred action proposed
	SWMU 41-002(b)	Chlorine contact tank	Yes	Yes	Deferred action proposed
	SWMU 41-002(c)	Sludge-drying bed	Yes	Yes	Deferred action proposed
	AOC 41-003	Sump	Yes	Yes	Deferred action proposed
	SWMU 41-004	Container storage	Yes	No	NFA granted (EPA 2005, 88464)
	AOC C-41-001	Duplicate of AOC 41-003	Yes	No	NFA granted (EPA 2005, 88464)
	AOC C-41-002	Underground tank	Yes	No	NFA granted (EPA 2005, 88464)
	AOCC-41-003	Underground tank	Yes	No	NFA granted (EPA 2005, 88464)
	AOC C-41-004	Storm drains	Yes	Yes	Deferred action proposed
	AOC C-41-005	Duplicate of C-41-003	Yes	No	NFA granted (EPA 2005, 88464)
TA-43					
	SWMU 43-001(a1)	Waste lines (pre-1981)	Yes	Yes	Deferred action proposed
	AOC 43-001(a2)	Waste lines (post-1981)	Yes	Yes	Deferred action proposed
	AOC 43-001(b1)	Outfall	Yes	No	NFA granted (EPA 2005, 88464)
	AOC 43-001(b2)	Outfall	Yes	Yes	Investigation
	SWMU 43-002	Incinerator	Yes	Yes	Deferred action proposed
	AOC 43-003	Carcass storage	Yes	No	NFA granted (EPA 2005, 88464)
	AOC 43-004	Waste storage	Yes	No	NFA granted (EPA 2005, 88464)
	AOC 43-005	Radioactive liquid storage	Yes	No	NFA granted (EPA 2005, 88464)
	AOC C-43-001	Storm drain outfall	Yes	Yes	Investigation
TA-61					
	AOC 61-004(b)	Septic tank	Yes	No	NFA granted (EPA 2005, 88464)
	SWMU 61-007	Transformer site – systematic leak – PCB-only site	Yes	Yes	Investigation

Note: Shading denotes consolidated units.

Table 3.1-1
Summary of Analytical Suites for Samples Previously Collected in TA-00

AOC/ SWMU	Sample ID	Location ID	Depth (ft)	Media	Collection Date	Cyanide (Total)	Gamma Spectroscopy	Tritium	Isotopic Plutonium	Isotopic Uranium	Metals	PCBs	Pesticides	SVOCs	VOCs
00-017	RE00-98-0054	00-10126	22.5–25	Tuff	9/24/1998	✓[a]	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0056	00-10127	19–21.5	Tuff	9/23/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0057	00-10127	22.5–25	Tuff	9/23/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0059	00-10128	19–21.5	Fill	9/24/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0060	00-10128	22.5–25	Tuff	9/24/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0062	00-10129	19.5–22	Fill	9/24/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0063	00-10129	22.5–25	Tuff	9/24/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0065	00-10130	19.5–22	Fill	9/24/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0066	00-10130	24–26.5	Tuff	9/24/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0068	00-10131	20.5–23	Fill	9/24/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0069	00-10131	25–27.5	Tuff	9/24/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0072	00-10132	16–18.5	Fill	10/24/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0073	00-10132	20–22.5	Tuff	10/24/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0074	00-10133	15–17.5	Soil	10/24/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0076	00-10133	18.5–21	Tuff	10/24/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0078	00-10134	15–17.5	Soil	10/24/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0079	00-10134	20–22.5	Tuff	10/24/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0083	00-10135	14–15.5	Soil	10/24/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0084	00-10135	20–22.5	Tuff	10/24/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0085	00-10136	12.5–14.5	Tuff	10/24/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0086	00-10136	14.5–16	Tuff	10/24/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0087	00-10137	12.5–15	Soil	10/25/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Table 3.1-1 (continued)

AOC/ SWMU	Sample ID	Location ID	Depth (ft)	Media	Collection Date	Cyanide (Total)	Gamma Spectroscopy	Tritium	Isotopic Plutonium	Isotopic Uranium	Metals	PCBs	Pesticides	SVOCs	VOCs
00-017	RE00-98-0088	00-10137	16–18.5	Tuff	10/25/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0089	00-10138	12.5–15	Soil	10/25/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0090	00-10138	15–17.5	Tuff	10/25/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0091	00-10139	13–15	Soil	10/25/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0092	00-10139	15–17.5	Tuff	10/25/1998	✓	✓	◊[b]	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0093	00-10140	12.5–15	Soil	10/25/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0094	00-10140	16–18.5	Tuff	10/25/1998	✓	◊	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0095	00-10141	7.5–9	Soil	11/3/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-98-0099	00-10143	0.1–0.7	Sed	11/11/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	◊
00-017	RE00-98-0101	00-10144	1–2	Sed	11/11/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	◊
00-017	RE00-98-0103	00-10145	0.3–1	Sed	11/11/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	◊
00-017	RE00-98-0105	00-10146	0.2–1	Sed	11/11/1998	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
00-017	RE00-99-0003	00-10179	0.1–0.5	Soil	1/20/1999	◊	◊	◊	◊	◊	L[c]	◊	◊	◊	◊
00-017	RE00-99-0004	00-10180	0.1–0.4	Soil	1/20/1999	◊	◊	◊	◊	◊	L	◊	◊	◊	◊
00-017	RE00-99-0005	00-10181	0.1–0.8	Soil	1/22/1999	◊	◊	◊	◊	◊	L	◊	◊	◊	◊
00-017	RE00-99-0006	00-10182	0.2–0.8	Soil	1/22/1999	◊	◊	◊	◊	◊	L	◊	◊	◊	◊
00-017	RE00-99-0007	00-10183	0.1–0.3	Soil	1/22/1999	◊	◊	◊	◊	◊	L	◊	◊	◊	◊
00-017	RE00-99-0008	00-10184	0.1–0.6	Soil	1/22/1999	◊	◊	◊	◊	◊	L	◊	◊	◊	◊
00-031(b)	AAB0242	00-01588	10–15	Tuff	5/16/1994	◊	◊	◊	◊	◊	L	◊	◊	◊	◊
00-031(b)	AAB0243	00-01588	40–45	Tuff	5/16/1994	◊	◊	◊	◊	◊	L	◊	◊	◊	◊
00-031(b)	AAB0244	00-01588	65–70	Tuff	5/16/1994	◊	◊	◊	◊	◊	L	◊	◊	◊	◊
00-031(b)	AAB0246	00-01589	5–10	Tuff	5/17/1994	◊	◊	◊	◊	◊	L	◊	◊	◊	◊
00-031(b)	AAB0247	00-01589	10–15	Tuff	5/17/1994	◊	◊	◊	◊	◊	L	◊	◊	◊	◊

Table 3.1-1 (continued)

AOC/ SWMU	Sample ID	Location ID	Depth (ft)	Media	Collection Date	Cyanide (Total)	Gamma Spectroscopy	Tritium	Isotopic Plutonium	Isotopic Uranium	Metals	PCBs	Pesticides	SVOCs	VOCs
00-031(b)	AAB0248	00-01589	55–60	Tuff	5/17/1994	◊	◊	◊	◊	◊	L	◊	◊	◊	◊
00-031(b)	AAB0249	00-01589	75–80	Tuff	5/18/1994	◊	◊	◊	◊	◊	L	◊	◊	◊	◊
00-031(b)	AAB0171	00-01602	0.33–1	Soil	5/7/1994	◊	◊	◊	◊	◊	L	◊	◊	◊	◊
00-031(b)	AAB6639	00-01613	2.2–2.2	Soil	6/30/1994	◊	◊	◊	◊	◊	✓	◊	◊	✓	◊
00-031(b)	AAB6638	00-01614	1.8–1.8	Soil	6/30/1994	◊	◊	◊	◊	◊	✓	◊	◊	✓	◊

[a] ✓= Analysis was requested for the sample.

[b] ◊ = Analysis was not requested for the sample.

[c] L = Only lead was analyzed.

Table 3.2-1
SWMU 00-017, Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium
Soil/Fill BV				**29200**	**0.83**	**8.17**	**295**	**1.83**	**0.4**	**6120**	**19.3**	**8.64**	**14.7**	**21500**	**22.3**	**4610**	**0.1**	**15.4**	**1.52**	**1**	**0.73**	**39.6**
Soil/Fill Maximum BV				**61500**	**1**	**9.3**	**410**	**3.95**	**2.6**	**14000**	**36.5**	**9.5**	**16**	**36000**	**28**	**10000**	**0.1**	**29**	**1.7**	**na**[a]	**1**	**56.5**
Tuff BV				**7340**	**0.5**	**2.79**	**46.0**	**1.21**	**1.63**	**2200**	**7.14**	**3.14**	**4.66**	**14500**	**11.2**	**1690**	**0.1**	**6.58**	**0.3**	**1**	**1.10**	**17.0**
Tuff Maximum BV				**8370**	**0.4**	**5**	**51.6**	**1.8**	**1.5**	**2230**	**13**	**na**	**6.2**	**19500**	**15.5**	**2820**	**na**	**7**	**0.105**	**1.9**	**1.7**	**21**
Sediment BV				**15400**	**0.83**	**3.98**	**127**	**1.31**	**0.4**	**4420**	**10.5**	**4.73**	**11.2**	**13800**	**19.7**	**2370**	**0.1**	**9.38**	**0.3**	**1**	**0.73**	**19.7**
Sediment Maximum BV				**13300**	**na**	**3.6**	**127**	**1.3**	**0.18**	**4240**	**9.2**	**4.2**	**12**	**13000**	**25.6**	**2370**	**0.03**	**8.9**	**0.1**	**0.28**	**na**	**20**
RE00-98-0054	00-10126	22.5–25.0	Tuff	15000	13 (UJ)[b]	—[c]	—	—	—	—	—	—	—	—	—	—	0.13 (U)[d]	—	1.3 (U)	2.5 (U)	—	—
RE00-98-0056	00-10127	19.0–21.5	Tuff	—	13 (UJ)	2.9	—	—	—	—	—	—	—	—	—	—	0.13 (U)	—	0.63 (U)	2.5 (U)	—	—
RE00-98-0057	00-10127	22.5–25.0	Tuff	—	13 (UJ)	3	—	—	—	—	—	—	—	—	—	—	0.13 (U)	—	0.64 (U)	2.6 (U)	—	—
RE00-98-0059	00-10128	19.0–21.5	Fill	—	13 (UJ)	—	—	—	0.63 (U)	—	—	—	—	—	—	—	0.13 (U)	—	—	2.5 (U)	—	—
RE00-98-0060	00-10128	22.5–25.0	Tuff	—	12 (UJ)	3.9	—	—	—	—	—	—	—	—	—	—	0.12 (U)	—	0.62 (U)	2.5 (U)	—	—
RE00-98-0062	00-10129	19.5–22.0	Fill	—	12 (UJ)	—	—	—	0.61 (U)	—	—	—	—	—	—	—	0.12 (U)	—	—	2.4 (U)	—	—
RE00-98-0063	00-10129	22.5–25.0	Tuff	—	12 (UJ)	2.9	—	—	—	—	—	—	—	—	—	—	0.12 (U)	—	1.2 (U)	2.4 (U)	—	—
RE00-98-0065	00-10130	19.5–22.0	Fill	—	12 (UJ)	—	—	—	0.58 (U)	—	—	—	—	—	—	—	0.16	—	—	2.3 (U)	—	—
RE00-98-0066	00-10130	24.0–26.5	Tuff	—	12 (UJ)	—	—	—	—	—	—	—	—	—	—	—	0.12 (U)	—	1.2 (U)	2.3 (U)	—	—
RE00-98-0068	00-10131	20.5–23.0	Fill	—	13 (UJ)	—	—	—	0.66 (U)	—	—	—	—	—	—	—	2.9	—	—	2.6 (U)	—	—
RE00-98-0069	00-10131	25.0–27.5	Tuff	—	14 (UJ)	3.8	—	—	—	—	—	—	—	—	—	—	0.14 (U)	—	1.4 (U)	2.7 (U)	—	—
RE00-98-0072	00-10132	16.0–18.5	Fill	—	12 (UJ)	—	—	—	0.62 (U)	—	—	—	—	—	—	—	0.12 (U)	—	—	2.5 (U)	—	—
RE00-98-0073	00-10132	20.0–22.5	Tuff	16000	13 (UJ)	4	110	—	—	—	8.7	5.8	7	—	17	2200	0.13 (U)	—	1.3 (U)	2.5 (U)	2.5 (U)	18
RE00-98-0074	00-10133	15.0–17.5	Soil	—	13 (UJ)	—	—	—	0.65 (U)	—	—	—	—	—	—	—	0.89	—	—	2.6 (U)	2.6 (U)	—
RE00-98-0076	00-10133	18.5–21.0	Tuff	—	12 (UJ)	—	—	—	—	—	—	—	—	—	—	—	—	—	1.2 (U)	2.4 (U)	2.4 (U)	—
RE00-98-0078	00-10134	15.0–17.5	Soil	—	13 (UJ)	—	—	—	0.63 (U)	—	—	—	—	—	—	—	0.13 (U)	—	—	2.5 (U)	2.5 (U)	—
RE00-98-0079	00-10134	20.0–22.5	Tuff	12000	13 (UJ)	4.4	—	—	—	—	7.2	—	—	16000	—	1700	0.13 (U)	—	1.3 (U)	2.6 (U)	2.6 (U)	—
RE00-98-0083	00-10135	14.0–15.5	Soil	—	12 (UJ)	—	—	—	0.62 (U)	—	—	—	—	—	—	—	0.12 (U)	—	—	2.5 (U)	2.5 (U)	—
RE00-98-0084	00-10135	20.0–22.5	Tuff	19000	13 (UJ)	3.7	120	1.3	—	2600	9.9	6.2	8.2	15000	17	2600	0.13 (U)	7.4	1.3 (U)	2.6 (U)	2.6 (U)	—

Table 3.2-1 (continued)

Sample ID	Location ID	Depth (ft)	Media	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium
Soil/Fill BV				**29200**	**0.83**	**8.17**	**295**	**1.83**	**0.4**	**6120**	**19.3**	**8.64**	**14.7**	**21500**	**22.3**	**4610**	**0.1**	**15.4**	**1.52**	**1**	**0.73**	**39.6**
Soil/Fill Maximum BV				**61500**	**1**	**9.3**	**410**	**3.95**	**2.6**	**14000**	**36.5**	**9.5**	**16**	**36000**	**28**	**10000**	**0.1**	**29**	**1.7**	**na[a]**	**1**	**56.5**
Tuff BV				**7340**	**0.5**	**2.79**	**46.0**	**1.21**	**1.63**	**2200**	**7.14**	**3.14**	**4.66**	**14500**	**11.2**	**1690**	**0.1**	**6.58**	**0.3**	**1**	**1.10**	**17.0**
Tuff Maximum BV				**8370**	**0.4**	**5**	**51.6**	**1.8**	**1.5**	**2230**	**13**	**na**	**6.2**	**19500**	**15.5**	**2820**	**na**	**7**	**0.105**	**1.9**	**1.7**	**21**
Sediment BV				**15400**	**0.83**	**3.98**	**127**	**1.31**	**0.4**	**4420**	**10.5**	**4.73**	**11.2**	**13800**	**19.7**	**2370**	**0.1**	**9.38**	**0.3**	**1**	**0.73**	**19.7**
Sediment Maximum BV				**13300**	**na**	**3.6**	**127**	**1.3**	**0.18**	**4240**	**9.2**	**4.2**	**12**	**13000**	**25.6**	**2370**	**0.03**	**8.9**	**0.1**	**0.28**	**na**	**20**
RE00-98-0085	00-10136	12.5–14.5	Tuff	19000	12 (UJ)	4	110	1.3	—	—	11	6.6	10	17000	19	2700	0.12 (U)	7.8	1.2 (U)	2.5 (U)	2.5 (U)	19
RE00-98-0086	00-10136	14.5–16.0	Tuff	19000	13 (UJ)	4.3	130	1.4	—	—	10	7.2	9.9	17000	21	2700	0.13 (U)	7.9	1.3 (U)	2.5 (U)	2.5 (U)	20
RE00-98-0087	00-10137	12.5–15.0	Soil	—	12 (UJ)	—	—	—	0.6 (U)	—	—	—	—	—	—	—	0.12 (U)	—	—	2.4 (U)	2.4 (U)	—
RE00-98-0088	00-10137	16.0–18.5	Tuff	17000	13 (UJ)	3.7	120	—	—	2300	9.3	6.2	7.4	15000	18	2500	0.13 (U)	7.1	1.3 (U)	2.6 (U)	2.6 (U)	—
RE00-98-0089	00-10138	12.5–15.0	Soil	—	12 (UJ)	—	—	—	0.6 (U)	—	—	—	—	—	—	—	0.12 (U)	—	—	2.4 (U)	2.4 (U)	—
RE00-98-0090	00-10138	15.0–17.5	Tuff	19000	13 (UJ)	3.7	78	1.4	—	2500	10	7	8.8	16000	15	2700	0.13 (U)	8.8	1.3 (U)	2.5 (U)	2.5 (U)	—
RE00-98-0091	00-10139	13.0–15.0	Soil	—	12 (UJ)	—	—	—	0.6 (U)	—	—	—	—	—	—	—	0.12 (U)	—	—	2.4 (U)	2.4 (U)	—
RE00-98-0092	00-10139	15.0–17.5	Tuff	21000	12 (UJ)	3.8	130	1.6	—	2800	12	6	9.4	17000	14	3000	0.12 (U)	7.7	1.2 (U)	2.5 (U)	2.5 (U)	20
RE00-98-0093	00-10140	12.5–15.0	Soil	—	13 (UJ)	—	—	—	0.64 (U)	—	—	—	—	—	—	—	0.13 (U)	—	—	2.6 (U)	2.6 (U)	—
RE00-98-0094	00-10140	16.0–18.5	Tuff	—	12 (UJ)	3	—	—	—	—	—	—	—	—	—	—	0.12 (U)	—	1.2 (U)	2.4 (U)	2.4 (U)	—
RE00-98-0095	00-10141	7.5–9.0	Soil	—	—	—	—	—	0.56 (U)	—	—	—	—	—	—	—	0.11 (U)	—	—	2.2 (U)	2.2 (U)	—
RE00-98-0099	00-10143	0.1–0.7	Sed	—	12 (UJ)	—	—	—	0.59 (U)	—	—	—	—	—	74	—	0.12 (U)	—	1.2 (U)	2.4 (U)	2.4 (U)	—
RE00-98-0101	00-10144	1.0–2.0	Sed	—	12 (UJ)	—	—	—	0.59 (U)	—	—	—	—	—	450	—	0.12 (U)	—	1.2 (U)	2.4 (U)	2.4 (U)	—
RE00-98-0103	00-10145	0.3–1.0	Sed	—	12 (UJ)	—	—	—	0.6 (U)	—	—	—	—	—	93	—	0.12 (U)	—	1.2 (U)	2.4 (U)	2.4 (U)	—
RE00-98-0105	00-10146	0.2–1.0	Sed	—	11 (UJ)	—	—	—	0.57 (U)	—	—	—	—	—	53	—	0.11 (U)	—	1.1 (U)	2.3 (U)	2.3 (U)	—
RE00-99-0003	00-10179	0.1–0.5	Soil	◊[e]	◊	◊	◊	◊	◊	◊	◊	◊	◊	◊	—	◊	◊	◊	◊	◊	◊	◊
RE00-99-0004	00-10180	0.1–0.4	Soil	◊	◊	◊	◊	◊	◊	◊	◊	◊	◊	◊	53	◊	◊	◊	◊	◊	◊	◊
RE00-99-0005	00-10181	0.1–0.8	Soil	◊	◊	◊	◊	◊	◊	◊	◊	◊	◊	◊	390	◊	◊	◊	◊	◊	◊	◊

Table 3.2-1 (continued)

Sample ID	Location ID	Depth (ft)	Media	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium
Soil/Fill BV				**29200**	**0.83**	**8.17**	**295**	**1.83**	**0.4**	**6120**	**19.3**	**8.64**	**14.7**	**21500**	**22.3**	**4610**	**0.1**	**15.4**	**1.52**	**1**	**0.73**	**39.6**
Soil/Fill Maximum BV				**61500**	**1**	**9.3**	**410**	**3.95**	**2.6**	**14000**	**36.5**	**9.5**	**16**	**36000**	**28**	**10000**	**0.1**	**29**	**1.7**	**na[a]**	**1**	**56.5**
Tuff BV				**7340**	**0.5**	**2.79**	**46.0**	**1.21**	**1.63**	**2200**	**7.14**	**3.14**	**4.66**	**14500**	**11.2**	**1690**	**0.1**	**6.58**	**0.3**	**1**	**1.10**	**17.0**
Tuff Maximum BV				**8370**	**0.4**	**5**	**51.6**	**1.8**	**1.5**	**2230**	**13**	**na**	**6.2**	**19500**	**15.5**	**2820**	**na**	**7**	**0.105**	**1.9**	**1.7**	**21**
Sediment BV				**15400**	**0.83**	**3.98**	**127**	**1.31**	**0.4**	**4420**	**10.5**	**4.73**	**11.2**	**13800**	**19.7**	**2370**	**0.1**	**9.38**	**0.3**	**1**	**0.73**	**19.7**
Sediment Maximum BV				**13300**	**na**	**3.6**	**127**	**1.3**	**0.18**	**4240**	**9.2**	**4.2**	**12**	**13000**	**25.6**	**2370**	**0.03**	**8.9**	**0.1**	**0.28**	**na**	**20**
RE00-99-0006	00-10182	0.2–0.8	Soil	◊	◊	◊	◊	◊	◊	◊	◊	◊	◊	◊	100	◊	◊	◊	◊	◊	◊	◊
RE00-99-0007	00-10183	0.1–0.3	Soil	◊	◊	◊	◊	◊	◊	◊	◊	◊	◊	◊	31	◊	◊	◊	◊	◊	◊	◊
RE00-99-0008	00-10184	0.1–0.6	Soil	◊	◊	◊	◊	◊	◊	◊	◊	◊	◊	◊	28	◊	◊	◊	◊	◊	◊	◊

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

[a] na = Not available.

[b] UJ = Undetected, estimated value.

[c] — = No value greater than the BV was detected, or the analyte was not detected.

[d] U = Undetected.

[e] ◊ = Analysis of the analyte was not requested for the sample.

Table 3.2-2
SWMU 00-017, Radionuclides Detected
Greater Than BVs, FVs, or Where FVs Do not Apply

Sample ID	Location ID	Depth (ft)	Media	Americium-241	Plutonium-238	Plutonium-239	Tritium	Uranium-235
Soil/Fill FV				**0.013**	**0.023**	**0.054**	**na**[a]	**n/a**[b]
Soil/Fill Maximum FV				**0.013**	**0.037**	**0.055**	**na**	**n/a**
Sediment FV				**0.040**	**0.006**	**0.068**	**0.093**	**n/a**
Sediment Maximum FV				**0.038**	**0.006**	**0.065**	**0.0856**	**n/a**
Soil/Fill/Sediment BV				**n/a**	**n/a**	**n/a**	**n/a**	**0.20**
Soil/Fill/Sediment Maximum BV				**n/a**	**n/a**	**n/a**	**n/a**	**0.16**
Tuff BV				**n/a**	**n/a**	**n/a**	**n/a**	**0.09**
Tuff Maximum BV				**n/a**	**n/a**	**n/a**	**n/a**	**0.11**
RE00-98-0054	00-10126	22.5–25.0	Tuff	—[c]	—	—	—	0.1
RE00-98-0056	00-10127	19.0–21.5	Tuff	—	—	—	—	—
RE00-98-0057	00-10127	22.5–25.0	Tuff	—	—	—	—	—
RE00-98-0059	00-10128	19.0–21.5	Fill	—	—	0.068	—	—
RE00-98-0060	00-10128	22.5–25.0	Tuff	—	—	—	—	—
RE00-98-0062	00-10129	19.5–22.0	Fill	—	—	—	—	—
RE00-98-0063	00-10129	22.5–25.0	Tuff	—	—	—	—	—
RE00-98-0065	00-10130	19.5–22.0	Fill	—	0.062	3.25	—	—
RE00-98-0066	00-10130	24.0–26.5	Tuff	—	—	—	—	—
RE00-98-0068	00-10131	20.5–23.0	Fill	1.33	0.066	2.82	—	—
RE00-98-0069	00-10131	25.0–27.5	Tuff	—	—	—	—	—
RE00-98-0072	00-10132	16.0–18.5	Fill	—	—	0.176	—	—
RE00-98-0073	00-10132	20.0–22.5	Tuff	—	—	—	—	—
RE00-98-0074	00-10133	15.0–17.5	Soil	—	—	1.267	—	—
RE00-98-0076	00-10133	18.5–21.0	Tuff	—	—	—	—	—
RE00-98-0078	00-10134	15.0–17.5	Soil	—	—	—	—	—
RE00-98-0079	00-10134	20.0–22.5	Tuff	—	—	—	—	—
RE00-98-0083	00-10135	14.0–15.5	Soil	—	—	—	—	—
RE00-98-0084	00-10135	20.0–22.5	Tuff	—	—	—	—	—
RE00-98-0085	00-10136	12.5–14.5	Tuff	—	—	—	—	—
RE00-98-0086	00-10136	14.5–16.0	Tuff	—	—	—	—	—
RE00-98-0087	00-10137	12.5–15.0	Soil	—	—	—	—	—
RE00-98-0088	00-10137	16.0–18.5	Tuff	—	—	—	—	—
RE00-98-0089	00-10138	12.5–15.0	Soil	—	—	—	0.22	—
RE00-98-0090	00-10138	15.0–17.5	Tuff	—	—	—	—	—
RE00-98-0091	00-10139	13.0–15.0	Soil	—	—	—	0.18	—
RE00-98-0092	00-10139	15.0–17.5	Tuff	—	—	—	◊[d]	—
RE00-98-0093	00-10140	12.5–15.0	Soil	—	—	—	—	—

Table 3.2-2 (continued)

Sample ID	Location ID	Depth (ft)	Media	Americium-241	Plutonium-238	Plutonium-239	Tritium	Uranium-235
Soil/Fill FV				**0.013**	**0.023**	**0.054**	**na**[a]	**n/a**[b]
Soil/Fill Maximum FV				**0.013**	**0.037**	**0.055**	**na**	**n/a**
Sediment FV				**0.040**	**0.006**	**0.068**	**0.093**	**n/a**
Sediment Maximum FV				**0.038**	**0.006**	**0.065**	**0.0856**	**n/a**
Soil/Fill/Sediment BV				**n/a**	**n/a**	**n/a**	**n/a**	**0.20**
Soil/Fill/Sediment Maximum BV				**n/a**	**n/a**	**n/a**	**n/a**	**0.16**
Tuff BV				**n/a**	**n/a**	**n/a**	**n/a**	**0.09**
Tuff Maximum BV				**n/a**	**n/a**	**n/a**	**n/a**	**0.11**
RE00-98-0094	00-10140	16.0–18.5	Tuff	◊	—	—	—	—
RE00-98-0095	00-10141	7.5–9.0	Soil	—[c]	—	—	0.09	—
RE00-98-0099	00-10143	0.1–0.7	Sed	—	—	—	0.17	—
RE00-98-0101	00-10144	1.0–2.0	Sed	—	—	0.147	—	—
RE00-98-0103	00-10145	0.3–1.0	Sed	—	—	0.107	0.13	—
RE00-98-0105	00-10146	0.2–1.0	Sed	—	—	0.212	—	—

Notes: Values are in units of pCi/g. Background and FVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730). Soil/fill FVs apply to the 0- to 0.5-ft-depth interval only. Tuff has no FVs.

[a] na = Not available.

[b] n/a = Not applicable.

[c] — = No value greater than the BV was detected, or the analyte was not detected.

[d] ◊ = Analysis was not requested for the sample.

Table 3.4-1
AOC 00-031(b), Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Antimony	Cadmium	Mercury
Soil BV				**0.83**	**0.4**	**0.1**
Soil Maximum BV				**1**	**2.6**	**0.1**
AAB6639	00-01613	2.2–2.2	Soil	5.8 (U)[a]	1.5	0.11 (U)
AAB6638	00-01614	1.8–1.8	Soil	5.7 (U)	1.7	—[b]

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

[a] U = Undetected.

[b] — = No value greater than the BV was detected, or the analyte was not detected.

Table 3.4-2
AOC 00-031(b), Organic Chemicals Detected

Sample ID	Location ID	Depth (ft)	Media	Benzo(a)pyrene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Fluoranthene	Phenanthrene	Pyrene
AAB6639	00-01613	2.2–2.2	Soil	—*	—	—	—	—	—
AAB6638	00-01614	1.8–1.8	Soil	0.39	0.37	0.53	0.68	0.42	0.54

Note: Values are in units of mg/kg.
*— = Analyte was not detected.

Table 4.1-1
Summary of Analytical Suites for Samples Previously Collected in TA-01

AOC/SWMU	Sample ID	Location ID	Depth (ft)	Media	Collection Date	Gamma Spectroscopy	Tritium	Isotopic Plutonium	Isotopic Uranium	Metals	PCBs	Pesticides	SVOCs	VOCs
01-001(b)	AAA0716	01-01162	0–0.5	Soil	7/20/1992	◊[a]	◊	✓[b]	◊	✓	◊	◊	✓	◊
01-001(b)	AAA0717	01-01168	0–0.5	Soil	7/20/1992	◊	◊	✓	◊	✓	◊	◊	✓	◊
01-001(b)	AAA0719	01-01174	0–0.5	Soil	7/20/1992	◊	◊	✓	◊	✓	◊	◊	✓	◊
01-001(c)	AAA1521	01-03003	0–0.5	Fill	8/19/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-001(c)	AAA1550	01-03015	0–0.5	Soil	8/19/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-001(c)	AAA1551	01-03023	0–0.5	Soil	8/19/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-001(d)	AAA1514	01-05028	0–0.5	Soil	8/17/1992	◊	◊	◊	◊	M[c]	◊	◊	◊	◊
01-001(d)	AAB7445	01-05219	0–0.5	Soil	9/26/1994	◊	◊	✓	◊	◊	◊	◊	◊	◊
01-001(d)	AAB7447	01-05219	0.5–1.83	Soil	9/26/1994	◊	◊	✓	◊	◊	◊	◊	◊	◊
01-001(f)	AAA0723	01-01083	0–0.5	Soil	7/23/1992	◊	◊	✓	◊	✓	◊	◊	✓	◊
01-001(f)	AAA0724	01-01090	0–0.5	Soil	7/23/1992	◊	◊	✓	◊	✓	◊	◊	✓	◊
01-001(f)	AAA0726	01-01095	0–0.5	Soil	7/23/1992	◊	◊	◊	◊	✓	◊	◊	✓	◊
01-001(f)	AAA0727	01-01096	0–0.5	Soil	7/23/1992	◊	◊	◊	◊	✓	◊	◊	✓	◊
01-001(f)	AAA0733	01-01110	0–0.5	Soil	7/23/1992	◊	◊	✓	◊	✓	◊	◊	✓	◊
01-001(f)	AAA0736	01-01112	0–0.5	Soil	7/23/1992	◊	◊	◊	◊	✓	◊	◊	✓	◊
01-001(g)	AAA1631	01-06069	0–0.5	Fill	9/9/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-001(o)	AAA1495	01-02064	0–0.5	Fill	8/3/1992	◊	◊	✓	◊	✓	◊	◊	✓	◊
01-001(o)	AAA1528	01-02073	0–0.5	Soil	8/3/1992	◊	◊	✓	◊	✓	◊	◊	✓	◊
01-001(o)	AAA1530	01-02075	0–0.5	Sed	8/3/1992	◊	◊	✓	◊	✓	◊	◊	✓	◊
01-001(o)	AAA1531	01-02080	0–0.5	Soil	8/3/1992	◊	◊	✓	◊	✓	◊	◊	✓	◊
01-001(o)	AAA1532	01-02095	0–0.5	Sed	8/3/1992	◊	◊	✓	◊	✓	◊	◊	✓	◊
01-001(o)	AAA1533	01-02096	0–0.5	Soil	8/3/1992	◊	◊	✓	◊	✓	◊	◊	✓	◊

Table 4.1-1 (continued)

AOC/SWMU	Sample ID	Location ID	Depth (ft)	Media	Collection Date	Gamma Spectroscopy	Tritium	Isotopic Plutonium	Isotopic Uranium	Metals	PCBs	Pesticides	SVOCs	VOCs
01-001(s)	AAA8267	01-04105	4.75–5.75	Soil	2/15/1994	◊	◊	✓	✓	◊	✓	✓	◊	◊
01-001(s)	AAA8272	01-04109	5–6.5	Soil	2/17/1994	◊	◊	✓	✓	✓	◊	◊	◊	◊
01-001(s)	AAA8308	01-04120	6–7.5	Soil	2/21/1994	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-001(s)	AAC0514	01-04260	0–4	Soil	11/23/1994	✓	✓	✓	✓	✓	✓	✓	✓	◊
01-001(u)	AAA8274	01-04129	1–3	Soil	2/25/1994	◊	◊	✓	✓	✓	✓	✓	✓	✓
01-002	AAA1836	01-04021	2–8	Soil	3/16/1993	◊	◊	✓	✓	◊	◊	◊	◊	◊
01-002	AAA1837	01-04022	3–12	Soil	3/16/1993	◊	◊	✓	✓	◊	◊	◊	◊	◊
01-002	AAA1841	01-04026	4–8	Soil	3/18/1993	◊	◊	✓	✓	◊	◊	◊	◊	◊
01-002	AAB8598	01-04219	8.75–9.25	Fill	8/29/1994	◊	◊	◊	◊	✓	◊	◊	✓	◊
01-002	AAB8599	01-04220	3.33–3.83	Fill	8/29/1994	◊	◊	◊	◊	✓	◊	◊	✓	◊
01-002	AAB8601	01-04220	6.5–7	Fill	8/29/1994	◊	◊	◊	◊	✓	◊	◊	✓	◊
01-002	AAB8597	01-04220	9–9.5	Fill	8/29/1994	◊	◊	◊	◊	✓	◊	◊	✓	◊
01-002	AAB8607	01-04222	14.25–14.75	Soil	8/30/1994	◊	◊	◊	◊	✓	◊	◊	✓	◊
01-002	AAB8605	01-04222	16.42–16.92	Tuff	8/30/1994	✓	◊	◊	◊	✓	◊	◊	✓	◊
01-002	AAB8594	01-04223	7.25–8.25	Fill	8/31/1994	◊	◊	◊	◊	✓	◊	◊	✓	◊
01-002	AAB8595	01-04223	9.5–10	Tuff	8/31/1994	◊	◊	◊	◊	✓	◊	◊	✓	◊
01-002	AAB8592	01-04224	8.75–9.25	Fill	8/31/1994	◊	◊	◊	◊	✓	◊	◊	✓	◊
01-002	AAB8593	01-04224	12–12.5	Tuff	8/31/1994	◊	◊	◊	◊	✓	◊	◊	✓	◊
01-002	AAB8596	01-04225	12.33–12.83	Fill	8/31/1994	◊	◊	◊	◊	✓	◊	◊	✓	◊
01-002	AAB8590	01-04225	20–20.5	Tuff	9/1/1994	◊	◊	◊	◊	✓	◊	◊	✓	◊
01-002	AAB8614	01-04226	1.42–1.92	Fill	9/1/1994	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-002	AAB8611	01-04227	6.25–6.75	Fill	9/1/1994	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-003(a)	AAA1494	01-02058	0–0.5	Fill	8/3/1992	◊	◊	✓	◊	✓	◊	◊	✓	◊

Table 4.1-1 (continued)

AOC/SWMU	Sample ID	Location ID	Depth (ft)	Media	Collection Date	Gamma Spectroscopy	Tritium	Isotopic Plutonium	Isotopic Uranium	Metals	PCBs	Pesticides	SVOCs	VOCs
01-003(a)	AAA1540	01-02114	0–0.5	Soil	8/10/1992	◊	◊	✓	✓	✓	◊	◊	◊	◊
01-003(a)	AAA1541	01-02122	0–0.5	Sed	8/10/1992	◊	◊	✓	✓	✓	◊	◊	◊	◊
01-003(a)	AAA1545	01-02133	0–0.5	Soil	8/10/1992	◊	◊	✓	✓	✓	◊	◊	◊	◊
01-003(a)	AAA1630	01-06064	0–0.5	Fill	9/9/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-003(d)	AAA0709	01-06005	0–0.5	Soil	7/20/1992	◊	◊	✓	◊	✓	◊	◊	✓	◊
01-003(d)	AAA0711	01-06014	0–0.5	Soil	7/20/1992	◊	◊	✓	◊	✓	◊	◊	✓	◊
01-003(d)	AAA0712	01-06023	0–0.5	Soil	7/20/1992	◊	◊	✓	◊	✓	◊	◊	✓	◊
01-003(e)	AAA0752	01-05041	0–0.5	Soil	8/10/1992	◊	◊	✓	✓	✓	◊	◊	◊	◊
01-003(e)	AAA1509	01-05046	0–0.5	Sed	8/10/1992	◊	◊	✓	✓	✓	◊	◊	◊	◊
01-006(a)	AAA1569	01-03083	0–0.5	Soil	8/19/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-006(a)	AAA1557	01-03088	0–0.5	Soil	8/19/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-006(a)	AAA1558	01-03093	0–0.5	Soil	8/19/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(a)	AAA1555	01-03053	0–0.5	Fill	8/19/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(a)	AAA1565	01-03065	0–0.5	Soil	8/19/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(a)	AAA1566	01-03069	0–0.5	Soil	8/19/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(a)	AAA1567	01-03074	0–0.5	Soil	8/19/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(a)	AAA1568	01-03081	0–0.5	Soil	8/19/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(a)	AAA1599	01-03103	0–0.5	Soil	9/2/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(a)	AAA1601	01-03106	0–0.5	Soil	9/2/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(a)	AAA1603	01-03113	0–0.5	Soil	9/2/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(a)	AAA1604	01-03114	0–0.5	Soil	9/2/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(a)	AAA1605	01-03117	0–0.5	Sed	9/2/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(a)	AAA1838	01-04024	8–12	Soil	3/16/1993	◊	◊	✓	✓	◊	◊	◊	◊	◊

Table 4.1-1 (continued)

AOC/SWMU	Sample ID	Location ID	Depth (ft)	Media	Collection Date	Gamma Spectroscopy	Tritium	Isotopic Plutonium	Isotopic Uranium	Metals	PCBs	Pesticides	SVOCs	VOCs
01-007(a)	AAA1839	01-04025	4–8	Soil	3/16/1993	◊	◊	✓	✓	◊	◊	◊	◊	◊
01-007(a)	AAA1842	01-04027	2–12	Fill	3/18/1993	◊	◊	✓	✓	◊	◊	◊	◊	◊
01-007(a)	AAA1843	01-04029	2–6	Soil	3/18/1993	◊	◊	✓	✓	◊	◊	◊	◊	◊
01-007(a)	AAA1844	01-04030	8–12	Fill	3/18/1993	◊	◊	✓	✓	◊	◊	◊	◊	◊
01-007(a)	AAA1845	01-04035	8–12	Soil	3/16/1993	◊	◊	✓	✓	◊	◊	◊	◊	◊
01-007(b)	AAA1522	01-03007	0–0.5	Soil	8/19/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(b)	AAA1552	01-03033	0–0.5	Fill	8/19/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(b)	AAA1553	01-03045	0–0.5	Soil	8/19/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(b)	AAA1554	01-03051	0–0.5	Soil	8/19/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(b)	AAA1602	01-03110	0–0.5	Fill	9/2/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(b)	AAA1607	01-03124	0–0.5	Sed	9/2/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(b)	AAA1608	01-03125	0–0.5	Sed	9/2/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(b)	AAA1609	01-03126	0–0.5	Sed	9/2/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(b)	AAA1610	01-03127	0–0.5	Tuff	9/2/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(b)	AAA1611	01-03128	0–0.5	Fill	9/2/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(b)	AAA1632	01-06073	0–0.5	Soil	9/9/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(b)	AAA1633	01-06074	0–0.5	Soil	9/9/1992	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(d)	AAB8620	01-04211	5.42–5.92	Soil	8/25/1994	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(d)	AAB8619	01-04212	8.75–9.25	Soil	8/25/1994	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(d)	AAB8638	01-04212	13.67–14.17	Tuff	8/25/1994	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(d)	AAB8625	01-04213	2.75–3.25	Fill	8/26/1994	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(d)	AAB8623	01-04214	2.67–3.17	Fill	8/26/1994	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(d)	AAB8627	01-04215	3.5–4	Fill	8/26/1994	◊	◊	◊	◊	✓	◊	◊	◊	◊

Table 4.1-1 (continued)

AOC/SWMU	Sample ID	Location ID	Depth (ft)	Media	Collection Date	Gamma Spectroscopy	Tritium	Isotopic Plutonium	Isotopic Uranium	Metals	PCBs	Pesticides	SVOCs	VOCs
01-007(d)	AAB8629	01-04216	4–4.5	Fill	8/26/1994	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(d)	AAB8632	01-04217	6.75–7.25	Fill	8/29/1994	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(d)	AAB8634	01-04217	7.83–8.33	Fill	8/29/1994	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(d)	AAB8636	01-04218	6–6.5	Fill	8/29/1994	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(d)	AAB8633	01-04218	6.67–7.17	Fill	8/29/1994	◊	◊	◊	◊	✓	◊	◊	◊	◊
01-007(d)	AAB8604	01-04221	3.33–3.83	Fill	8/30/1994	◊	◊	◊	◊	✓	◊	◊	✓	◊
01-007(d)	AAB8603	01-04221	19.5–20	Fill	8/30/1994	◊	◊	◊	◊	✓	◊	◊	✓	◊
01-007(j)	AAA1486	01-02034	0–0.5	Fill	8/3/1992	◊	◊	✓	◊	✓	◊	◊	✓	◊
01-007(j)	AAA1487	01-02035	0–0.5	Fill	8/3/1992	◊	◊	✓	◊	✓	◊	◊	✓	◊
01-007(j)	AAA1489	01-02036	0–0.5	Fill	8/3/1992	◊	◊	✓	◊	✓	◊	◊	✓	◊
01-007(j)	AAA1490	01-02038	0–0.5	Fill	8/3/1992	◊	◊	✓	◊	✓	◊	◊	✓	◊
01-007(l)	0101-95-0051	01-10131	0.5–3	Soil	6/30/1996	✓	◊	✓	✓	✓	◊	◊	◊	◊
01-007(l)	0101-95-0052	01-10132	0.5–4	Soil	6/30/1996	✓	◊	✓	✓	✓	◊	◊	◊	◊
01-007(l)	0101-95-0053	01-10133	0.5–1.25	Soil	6/30/1996	✓	◊	✓	✓	✓	◊	◊	◊	◊

[a] ◊ = Analysis was not requested for the sample.

[b] ✓= Analysis was requested for the sample.

[c] M = Only mercury was analyzed.

Table 4.3-1
SWMU 01-001(b), Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Antimony	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	Thallium	Uranium
Soil BV				**0.83**	**0.4**	**19.3**	**22.3**	**0.1**	**1.52**	**1**	**0.73**	**1.82**
Soil Maximum BV				**1**	**2.6**	**36.5**	**28**	**0.1**	**1.7**	**na[a]**	**1**	**3.6**
AAA0716	01-01162	0.0–0.5	Soil	22.9 (U)[b]	1.1 (U)	—[c]	—	0.8	1.7 (U)	2.3 (U)	57.2 (U)	7.2 (U)
AAA0717	01-01168	0.0–0.5	Soil	22.8 (U)	1.1 (U)	82.8	36.8	—	1.7 (U)	2.3 (U)	56.9 (U)	6.5 (U)
AAA0719	01-01174	0.0–0.5	Soil	22.3 (U)	1.1 (U)	—	—	—	1.7 (U)	2.2 (U)	55.7 (U)	7.8 (U)

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

[a] na = Not available.

[b] U = Undetected.

[c] — = No value greater than the BV was detected, or the analyte was not detected.

Table 4.3-2
SWMU 01-001(b), Organic Chemicals Detected

Sample ID	Location ID	Depth (ft)	Media	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylnaphthalene[2-]	Naphthalene	Phenanthrene	Pyrene
AAA0716	01-01162	0.0–0.5	Soil	1.2	1.8	3.6	2.5	2.9	0.93	0.99	2.9	—*	0.52	6.6	1.1	0.96	—	0.57	6.8	6.2
AAA0717	01-01168	0.0–0.5	Soil	3.9	8.2	15	12	12	6	6.7	13	1.6	2	33	3.7	5.3	1	2.3	25	29
AAA0719	01-01174	0.0–0.5	Soil	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Note: Values are in units of mg/kg.

*— = Analyte was not detected.

Table 4.4-1
SWMU 01-001(c), Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Antimony	Cadmium	Lead	Selenium	Thallium
Soil/Fill BV				**0.83**	**0.4**	**22.3**	**1.52**	**0.73**
Soil/Fill Maximum BV				**1**	**2.6**	**28**	**1.7**	**1**
AAA1521	01-03003	0.0–0.5	Fill	17.2 (U)[a]	0.52 (U)	—[b]	40.2	26.2 (U)
AAA1550	01-03015	0.0–0.5	Soil	12 (U)	0.5 (U)	31.3	38.1	19.6 (U)
AAA1551	01-03023	0.0–0.5	Soil	8.9 (U)	0.45 (U)	—	52.3	17.9 (U)

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

[a] U = Undetected.

[b] — = No value greater than the BV was detected, or the analyte was not detected.

Table 4.5-1
SWMU 01-001(d), Radionuclide Detected
Greater Than FVs or Where FVs Do Not Apply

Sample ID	Location ID	Depth (ft)	Media	Plutonium-239
Soil FV				**0.054**
Soil Maximum FV				**0.055**
AAB7445*	01-05219	0.0–0.5	Soil	1521.25
				525.46
				2343.27
AAB7447*	01-05219	0.5–1.83	Soil	73.96
				200.08
				75.84

Notes: Values are in units of pCi/g. FVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730). Soil/fill FVs apply to the 0- to 0.5-ft-depth interval only.

*Multiple measurements were performed and the results reported here.

Table 4.7-1
SWMU 01-001(f), Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Antimony	Cadmium	Lead	Mercury	Selenium	Silver	Thallium	Uranium
Soil BV				**0.83**	**0.4**	**22.3**	**0.1**	**1.52**	**1**	**0.73**	**1.82**
Soil Maximum BV				**1**	**2.6**	**28**	**0.1**	**1.7**	**na**[a]	**1**	**3.6**
AAA0723	01-01083	0.0–0.5	Soil	23.5 (U)[b]	1.2 (U)	—[c]	0.3	1.8 (U)	2.4 (U)	58.8 (U)	9.7 (U)
AAA0724	01-01090	0.0–0.5	Soil	21.2 (U)	1.1 (U)	—	0.2	1.6 (U)	2.1 (U)	53 (U)	5.3 (U)
AAA0726	01-01095	0.0–0.5	Soil	23.8 (U)	1.2 (U)	29.9	0.3	1.8 (U)	2.4 (U)	60.9	581
AAA0727	01-01096	0.0–0.5	Soil	22.8 (U)	1.1 (U)	—	0.3	1.7 (U)	2.3 (U)	57 (U)	10.7
AAA0733	01-01110	0.0–0.5	Soil	24.9 (U)	1.2	33	0.3	1.9	2.5 (U)	169	849
AAA0736	01-01112	0.0–0.5	Soil	22.2 (U)	1.1 (U)	—	0.3	1.7 (U)	2.2 (U)	78.7	165

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

[a] na = Not available.

[b] U = Undetected.

[c] — = No value greater than the BV was detected, or the analyte was not detected.

Table 4.7-2
SWMU 01-001(f), Radionuclide Detected Greater Than FVs

Sample ID	Location ID	Depth (ft)	Media	Plutonium-239
Soil FV				**0.054**
Soil Maximum FV				**0.055**
AAA0723	01-01083	0.0–0.5	Soil	—*
AAA0724	01-01090	0.0–0.5	Soil	—
AAA0733	01-01110	0.0–0.5	Soil	1.23

Notes: Values are in units of pCi/g. FVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730). Soil/fill FVs apply to the 0 to 0.5 ft depth interval only.
*— = No value greater than the FV was detected, or the analyte was not detected.

Table 4.8-1
SWMU 01-001(g), Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Antimony	Cadmium	Thallium
Fill BV				**0.83**	**0.4**	**0.73**
Fill Maximum BV				**1**	**2.6**	**1**
AAA1631	01-06069	0.0–0.5	Fill	5.3 (U)*	0.47 (U)	18.7 (U)

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).
*U = Undetected.

Table 4.9-1
SWMU 01-001(o), Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Antimony	Cadmium	Chromium	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Uranium
Soil/Fill BV				**0.83**	**0.4**	**19.3**	**22.3**	**0.1**	**15.4**	**1.52**	**1**	**0.73**	**1.82**
Soil/Fill Maximum BV				**1**	**2.6**	**36.5**	**28**	**0.1**	**29**	**1.7**	**na**[a]	**1**	**3.6**
Sediment BV				**0.83**	**0.4**	**10.5**	**19.7**	**0.1**	**9.38**	**0.3**	**1**	**0.73**	**2.22**
Sediment Maximum BV				**na**	**0.18**	**9.2**	**25.6**	**0.03**	**8.9**	**0.1**	**0.28**	**na**	**2**
AAA1495	01-02064	0.0–0.5	Fill	21.3 (U)[b]	1.1 (U)	—[c]	—	—	—	1.6 (U)	2.1 (U)	53.1 (U)	6
AAA1528	01-02073	0.0–0.5	Soil	24 (U)	1.2 (U)	—	27.9	0.12	—	1.8 (U)	2.4 (U)	59.9 (U)	5.1
AAA1530	01-02075	0.0–0.5	Sed	20.9 (U)	1 (U)	27.8	174	5.2	—	1.6 (U)	13.6	52.3 (U)	4.1
AAA1531	01-02080	0.0–0.5	Soil	21.3 (U)	1.1 (U)	—	53.4	0.15	—	1.6 (U)	2.1 (U)	53.4 (U)	12.4 (U)
AAA1532	01-02095	0.0–0.5	Sed	21.3 (U)	1.1 (U)	—	32.2	0.22	22.2	1.6 (U)	2.1 (U)	53.4 (U)	15.6
AAA1533	01-02096	0.0–0.5	Soil	21.3 (U)	1.1 (U)	—	49.9	0.26	—	1.6 (U)	2.1 (U)	53.3 (U)	10.1 (U)

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

[a] na = Not available.

[b] U = Undetected.

[c] — = No value greater than the BV was detected, or the analyte was not detected.

Table 4.9-2
SWMU 01-001(o), Organic Chemicals Detected

Sample ID	Location ID	Depth (ft)	Media	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Chrysene	Fluoranthene	Indeno(1,2,3-cd)pyrene	Phenanthrene	Pyrene
AAA1495	01-02064	0.0–0.5	Fill	—*	—	—	—	—	—	—	—	—	—	—	—
AAA1528	01-02073	0.0–0.5	Soil	—	—	—	0.65	—	—	—	0.65	0.69	—	—	0.54
AAA1530	01-02075	0.0–0.5	Sed	0.61	2.2	2.2	3.6	0.84	1.4	0.49	2.7	4.2	0.9	3.2	4.7
AAA1531	01-02080	0.0–0.5	Soil	—	—	—	—	—	—	—	—	—	—	—	—
AAA1532	01-02095	0.0–0.5	Sed	—	—	—	—	—	—	—	—	—	—	—	—
AAA1533	01-02096	0.0–0.5	Soil	—	—	—	—	—	—	—	—	—	—	—	—

Note: Values are in units of mg/kg.
*— = Analyte was not detected.

Table 4.9-3
SWMU 01-001(o), Radionuclide Detected Greater Than FVs

Sample ID	Location ID	Depth (ft)	Media	Plutonium-239
Soil/Fill FV				**0.054**
Soil/Fill Maximum FV				**0.055**
Sediment FV				**0.068**
Sediment Maximum FV				**0.065**
AAA1495	01-02064	0.0–0.5	Fill	0.524
AAA1528	01-02073	0.0–0.5	Soil	—*
AAA1530	01-02075	0.0–0.5	Sed	0.683
AAA1531	01-02080	0.0–0.5	Soil	18
AAA1532	01-02095	0.0–0.5	Sed	0.981
AAA1533	01-02096	0.0–0.5	Soil	0.659

Notes: Values are in units of pCi/g. FVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730). Soil/fill FVs apply to the 0- to 0.5-ft-depth interval only.
*— = No value greater than the FV was detected or analyte was not detected.

Table 4.10-1
SWMU 01-001(s), Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Antimony	Cadmium	Copper	Lead	Mercury	Silver	Thallium
Soil BV				**0.83**	**0.4**	**14.7**	**22.3**	**0.1**	**1**	**0.73**
Soil Maximum BV				**1**	**2.6**	**16**	**28**	**0.1**	**na**[a]	**1**
AAA8272	01-04109	5.0–6.5	Soil	13.1 (U)[b]	0.44 (U)	—[c]	22.7	0.36	1.1 (U)	5.1 (U)
AAA8308	01-04120	6.0–7.5	Soil	6.8 (U)	—	—	—	—	—	—
AAC0514	01-04260	0.0–4.0	Soil	—	—	19.3	—	—	—	0.96 (U)

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

[a] na = Not available.

[b] U = Undetected.

[c] — = No value greater than the BV was detected, or the analyte was not detected.

Table 4.10-2
SWMU 01-001(s), Radionuclides Detected Greater Than BVs or Where FVs Do Not Apply

Sample ID	Location ID	Depth (ft)	Media	Plutonium-238	Plutonium-239	Uranium-234
Soil FV				**0.023**	**0.054**	**n/a**[a]
Soil Maximum FV				**0.037**	**0.055**	**n/a**
Soil BV				**n/a**	**n/a**	**2.59**
Soil Maximum BV				**n/a**	**n/a**	**2.5**
AAA8267	01-04105	4.75–5.75	Soil	—[b]	0.086	—
AAA8272	01-04109	5.0–6.5	Soil	—	4.39	3.86
AAC0514	01-04260	0.0–4.0	Soil	0.004	0.565	—

Notes: Values are in units of pCi/g. Background and FVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730). Soil/fill FVs apply to the 0- to 0.5-ft-depth interval only.

[a] n/a = Not applicable.

[b] — = No value greater than the BV was detected, or the analyte was not detected.

Table 4.12-1
SWMU 01-001(u), Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Antimony	Cadmium	Lead	Mercury
Soil BV				**0.83**	**0.4**	**22.3**	**0.1**
Soil Maximum BV				**1**	**2.6**	**28**	**0.1**
AAA8274	01-04129	1.0–3.0	Soil	12.7 (U)*	0.42 (U)	24.5	0.11 (U)

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

*U = Undetected.

Table 4.12-2
SWMU 01-001(u) Organic Chemical Detected

Sample ID	Location ID	Depth (ft)	Media	Acetone
AAA8274	01-04129	1.0–3.0	Soil	0.77

Note: Values are in units of mg/kg.

Table 4.13-1
SWMU 01-002, Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Antimony	Barium	Cadmium	Calcium	Cobalt	Lead	Mercury	Nickel	Selenium	Thallium	Uranium	Zinc
Soil/Fill BV				**0.83**	**295**	**0.4**	**6120**	**8.64**	**22.3**	**0.1**	**15.4**	**1.52**	**0.73**	**1.82**	**48.8**
Soil/Fill Maximum BV				**1**	**410**	**2.6**	**14000**	**9.5**	**28**	**0.1**	**29**	**1.7**	**1**	**3.6**	**75.5**
Tuff BV				**0.5**	**46.0**	**1.63**	**2200**	**3.14**	**11.2**	**0.1**	**6.58**	**0.3**	**1.10**	**2.40**	**63.5**
Tuff Maximum BV				**0.4**	**51.6**	**1.5**	**2230**	**na**[a]	**15.5**	**na**	**7**	**0.105**	**1.7**	**5**	**65.6**
AAB8598	01-04219	8.75–9.25	Fill	—[b]	—	—	—	—	38.7	0.53 (J)[c]	—	—	0.9 (U)[d]	◊[e]	81.4
AAB8599	01-04220	3.33–3.83	Fill	—	—	0.69 (U)	7810	—	25	0.19 (J)	—	—	1.3 (U)	◊	—
AAB8601	01-04220	6.5–7.0	Fill	—	738	0.88 (U)	—	9.3 (U)	26.1	0.21 (J)	—	—	1 (U)	◊	51.1
AAB8597	01-04220	9.0–9.5	Fill	—	—	0.47 (U)	—	—	—	2.3 (J)	—	—	—	◊	—
AAB8607	01-04222	14.25–14.75	Soil	—	—	—	—	—	—	0.36	—	—	—	◊	—
AAB8605	01-04222	16.42–16.92	Tuff	—	—	—	—	—	—	0.21	—	0.58 (U)	—	2.75	—
AAB8594	01-04223	7.25–8.25	Fill	—	—	—	—	—	—	—	—	—	—	◊	—
AAB8595	01-04223	9.5–10.0	Tuff	—	—	—	—	—	—	0.11 (U)	—	0.53 (U)	—	◊	—
AAB8592	01-04224	8.75–9.25	Fill	—	—	—	—	—	—	0.27 (J)	—	—	—	◊	—
AAB8593	01-04224	12.0–12.5	Tuff	—	—	—	—	—	—	0.27 (J)	488 (U)	0.53 (U)	—	◊	—
AAB8596	01-04225	12.33–12.83	Fill	—	—	—	—	—	—	0.11 (U)	—	—	—	◊	—
AAB8590	01-04225	20.0–20.5	Tuff	—	—	—	—	—	—	0.32 (J)	—	0.56 (U)	—	◊	—
AAB8614	01-04226	1.42–1.92	Fill	4.3 (U)	—	0.62 (U)	49500	—	—	0.53	—	—	—	◊	—
AAB8611	01-04227	6.25–6.75	Fill	4.2 (U)	—	0.46 (U)	—	—	—	0.12 (U)	—	—	—	◊	—

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

[a] na = Not available.

[b] — = No value greater than the BV was detected, or the analyte was not detected.

[c] J = Estimated value.

[d] U = Undetected.

[e] ◊ = Analysis was not requested for the sample.

Table 4.13-2
SWMU 01-002, Organic Chemical Detected

Sample ID	Location ID	Depth (ft)	Media	Bis(2-ethylhexyl)phthalate
AAB8598	01-04219	8.75–9.25	Fill	—*
AAB8599	01-04220	3.33–3.83	Fill	—
AAB8601	01-04220	6.5–7.0	Fill	—
AAB8597	01-04220	9.0–9.5	Fill	1.3
AAB8607	01-04222	14.25–14.75	Soil	—
AAB8605	01-04222	16.42–16.92	Tuff	—
AAB8594	01-04223	7.25–8.25	Fill	—
AAB8595	01-04223	9.5–10.0	Tuff	—
AAB8592	01-04224	8.75–9.25	Fill	—
AAB8593	01-04224	12.0–12.5	Tuff	—
AAB8596	01-04225	12.33–12.83	Fill	—
AAB8590	01-04225	20.0–20.5	Tuff	—

Note: Values are in units of mg/kg.
*— = Analyte was not detected.

Table 4.13-3
SWMU 01-002, Radionuclide Detected Where FVs Do Not Apply

Sample ID	Location ID	Depth (ft)	Media	Plutonium-239
Soil FV				**0.054**
Soil Maximum FV				**0.055**
AAA1836	01-04021	2.0–8.0	Soil	—*
AAA1837	01-04022	3.0–12.0	Soil	—
AAA1841	01-04026	4.0–8.0	Soil	0.04

Notes: Values are in units of pCi/g. FVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730). Soil/fill FVs apply to the 0- to 0.5-ft-depth interval only.
*— = Analyte was not detected.

Table 4.14-1
SWMU 01-003(a), Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Antimony	Arsenic	Cadmium	Lead	Mercury	Selenium	Silver	Thallium	Uranium
Soil/Fill BV				**0.83**	**8.17**	**0.4**	**22.3**	**0.1**	**1.52**	**1**	**0.73**	**1.82**
Soil/Fill Maximum BV				**1**	**9.3**	**2.6**	**28**	**0.1**	**1.7**	**na**[a]	**1**	**3.6**
Sediment BV				**0.83**	**3.98**	**0.4**	**19.7**	**0.1**	**0.3**	**1**	**0.73**	**2.22**
Sediment Maximum BV				**na**	**3.6**	**0.18**	**25.6**	**0.03**	**0.1**	**0.28**	**na**	**2**
AAA1494	01-02058	0.0–0.5	Fill	20.2 (U)[b]	—[c]	1 (U)	22.6	0.11	—	2 (U)	50.6 (U)	9.2 (U)
AAA1540	01-02114	0.0–0.5	Soil	6.4 (U)	—	0.85	98	—	—	—	22.6 (U)	—
AAA1541	01-02122	0.0–0.5	Sed	5.2 (U)	5.7 (U)	0.46 (U)	33.7	—	19.2	—	18.1 (U)	—
AAA1545	01-02133	0.0–0.5	Soil	21.5 (U)	—	0.48 (U)	52.1	—	—	—	18.9 (U)	—
AAA1630	01-06064	0.0–0.5	Fill	5.6	—	0.65	—	0.27	—	—	18 (U)	—

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

[a] na = Not available.

[b] U = Undetected.

[c] — = No value greater than the BV was detected, or the analyte was not detected.

Table 4.14-2
SWMU 01-003(a), Radionuclides Detected Greater Than BVs or FVs

Sample ID	Location ID	Depth (ft)	Media	Plutonium-238	Plutonium-239	Uranium-234	Uranium-238
Soil FV				**0.023**	**0.054**	**n/a**[a]	**n/a**
Soil Maximum FV				**0.037**	**0.055**	**n/a**	**n/a**
Sediment FV				**0.006**	**0.068**	**n/a**	**n/a**
Sediment Maximum FV				**0.006**	**0.065**	**n/a**	**n/a**
Soil/Sediment BV				**n/a**	**n/a**	**2.59**	**2.29**
Soil/Sediment Maximum BV				**n/a**	**n/a**	**2.5**	**2.1**
AAA1494	01-02058	0.0–0.5	Fill	—[b]	—	—	—
AAA1540	01-02114	0.0–0.5	Soil	0.092	6.17	4.18	4.16
AAA1541	01-02122	0.0–0.5	Sed	—	0.271	—	—
AAA1545	01-02133	0.0–0.5	Soil	—	2.04	—	—

Notes: Values are in units of pCi/g. Background and FVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730). Soil/fill FVs apply to the 0- to 0.5-ft-depth interval only.

[a] n/a = Not applicable.

[b] — = No value greater than the background or FV was detected, or the analyte was not detected.

Table 4.17-1
SWMU 01-003(d), Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Antimony	Barium	Cadmium	Lead	Mercury	Selenium	Silver	Thallium	Uranium
Soil BV				**0.83**	**295**	**0.4**	**22.3**	**0.1**	**1.52**	**1**	**0.73**	**1.82**
Soil Maximum BV				**1**	**410**	**2.6**	**28**	**0.1**	**1.7**	**na**[a]	**1**	**3.6**
AAA0709	01-06005	0.0–0.5	Soil	21.6 (U)[b]	—[c]	1.1 (U)	—	0.2	1.6 (U)	2.2 (U)	54.1 (U)	3.8
AAA0711	01-06014	0.0–0.5	Soil	50.4	338	1.2 (U)	119	—	1.7 (U)	2.3 (U)	57.9 (U)	5.6
AAA0712	01-06023	0.0–0.5	Soil	22.8 (U)	—	1.1 (U)	—	—	1.7 (U)	2.3 (U)	57.1 (U)	7.2

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

[a] na = Not available.

[b] U = Undetected.

[c] — = No value greater than the BV was detected, or the analyte was not detected.

Table 4.17-2
SWMU 01-003(d) Radionuclide Detected Greater Than FVs

Sample ID	Location ID	Depth (ft)	Media	Plutonium-239
Soil FV				**0.054**
Soil Maximum FV				**0.055**
AAA0709	01-06005	0.0–0.5	Soil	—*
AAA0711	01-06014	0.0–0.5	Soil	—
AAA0712	01-06023	0.0–0.5	Soil	0.675

Notes: Values are in units of pCi/g. FVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730). Soil/fill FVs apply to the 0 to 0.5 ft depth interval only.
*— = No value greater than the FV was detected, or the analyte was not detected.

Table 4.18-1
SWMU 01-003(e), Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Antimony	Cadmium	Lead	Thallium
Soil BV				**0.83**	**0.4**	**22.3**	**0.73**
Soil Maximum BV				**1**	**2.6**	**28**	**1**
Sediment BV				**0.83**	**0.4**	**19.7**	**0.73**
Sediment Maximum BV				**na**[a]	**0.18**	**25.6**	**na**
AAA0752	01-05041	0.0–0.5	Soil	5.4 (U)[b]	0.55	23.4	19 (U)
AAA1509	01-05046	0.0–0.5	Sed	5.4 (U)	0.48 (U)	—[c]	19 (U)

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

[a] na = Not available.

[b] U = Undetected.

[c] — = No value greater than the BV was detected, or the analyte was not detected.

Table 4.19-1
SWMU 01-006(a), Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Antimony	Cadmium	Lead	Selenium	Thallium
Soil BV				**0.83**	**0.4**	**22.3**	**1.52**	**0.73**
Soil Maximum BV				**1**	**2.6**	**28**	**1.7**	**1**
AAA1569	01-03083	0.0–0.5	Soil	5.1 (U)[a]	0.46 (U)	—[b]	18	18 (U)
AAA1557	01-03088	0.0–0.5	Soil	13.8 (U)	0.54 (U)	27.3	50 (U)	18.5 (U)
AAA1558	01-03093	0.0–0.5	Soil	8.5	0.5 (U)	52.5	39.9	19.7 (U)

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

[a] U = Undetected.

[b] — = No value greater than the BV was detected, or the analyte was not detected.

Table 4.28-1
SWMU 01-007(a), Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Antimony	Arsenic	Cadmium	Lead	Selenium	Thallium
Soil/Fill BV				**0.83**	**8.17**	**0.4**	**22.3**	**1.52**	**0.73**
Soil/Fill Maximum BV				**1**	**9.3**	**2.6**	**28**	**1.7**	**1**
Sediment BV				**0.83**	**3.98**	**0.4**	**19.7**	**0.3**	**0.73**
Sediment Maximum BV				**na**[a]	**3.6**	**0.18**	**25.6**	**0.1**	**na**
AAA1555	01-03053	0.0–0.5	Fill	11 (U)[b]	—[c]	0.56 (U)	94.2	65.3	22 (U)
AAA1565	01-03065	0.0–0.5	Soil	5.1 (U)	—	0.46 (U)	—	16.8	18.1 (U)
AAA1566	01-03069	0.0–0.5	Soil	5.3 (U)	—	0.55	—	23.1	18.7 (U)
AAA1567	01-03074	0.0–0.5	Soil	5 (U)	—	0.44 (U)	—	37.8 (U)	17.5 (U)
AAA1568	01-03081	0.0–0.5	Soil	5.4 (U)	—	0.48 (U)	—	18.6	19 (U)
AAA1599	01-03103	0.0–0.5	Soil	5.8	—	0.5 (U)	—	54.5	19.7 (U)
AAA1601	01-03106	0.0–0.5	Soil	6.3 (U)	—	0.56 (U)	72.3	55.8	40.2
AAA1603	01-03113	0.0–0.5	Soil	7.4	—	0.51 (U)	32.4	38.1	25.8
AAA1604	01-03114	0.0–0.5	Soil	7.3	—	0.5 (U)	33.4	44.6	19.6 (U)
AAA1605	01-03117	0.0–0.5	Sed	14.7	6.1 (U)	0.61	53.8	41.7	23.9

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

[a] na = Not available.

[b] U = Undetected.

[c] — = No value greater than the BV was detected, or the analyte was not detected.

Table 4.28-2
SWMU 01-007(a), Radionuclide Detected Where FVs Do Not Apply

Sample ID	Location ID	Depth (ft)	Media	Plutonium-239
Soil/Fill FV				**0.054**
Soil/Fill Maximum FV				**0.055**
AAA1838	01-04024	8.0–12.0	Soil	2.1
AAA1839	01-04025	4.0–8.0	Soil	1.57
AAA1842	01-04027	2.0–12.0	Fill	—*
AAA1843	01-04029	2.0–6.0	Soil	0.068
AAA1844	01-04030	8.0–12.0	Fill	0.092
AAA1845	01-04035	8.0–12.0	Soil	0.104

Notes: Values are in units of pCi/g. FVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730). Soil/fill FVs apply to the 0- to 0.5-ft-depth interval only.
*— = Analyte was not detected.

Table 4.29-1
SWMU 01-007(b), Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Antimony	Arsenic	Barium	Cadmium	Lead	Mercury	Selenium	Thallium
Soil/Fill BV				**0.83**	**8.17**	**295**	**0.4**	**22.3**	**0.1**	**1.52**	**0.73**
Soil/Fill Maximum BV				**1**	**9.3**	**410**	**2.6**	**28**	**0.1**	**1.7**	**1**
Sediment BV				**0.83**	**3.98**	**127**	**0.4**	**19.7**	**0.1**	**0.3**	**0.73**
Sediment Maximum BV				**na**[a]	**3.6**	**127**	**0.18**	**25.6**	**0.03**	**0.1**	**na**
Tuff BV				**0.5**	**2.79**	**46.0**	**1.63**	**11.2**	**0.1**	**0.3**	**1.10**
Tuff Maximum BV				**0.4**	**5**	**51.6**	**1.5**	**15.5**	**na**	**0.105**	**1.7**
AAA1522	01-03007	0.0–0.5	Soil	25.6 (U)[b]	—[c]	—	0.58 (U)	48.8	—	40.2	22.7 (U)
AAA1552	01-03033	0.0–0.5	Fill	8.4	—	—	0.47 (U)	—	—	26	18.6 (U)
AAA1553	01-03045	0.0–0.5	Soil	8.3	—	—	0.48 (U)	—	—	24.9	18.8 (U)
AAA1554	01-03051	0.0–0.5	Soil	13.2 (U)	—	—	0.47 (U)	—	—	40.5 (U)	18.4 (U)
AAA1602	01-03110	0.0–0.5	Fill	5.6 (U)	—	—	0.5 (U)	—	—	44	19.7 (U)
AAA1607	01-03124	0.0–0.5	Sed	17.4	6.3 (U)	—	0.51 (U)	23.2	0.13	46.7	20 (U)
AAA1608	01-03125	0.0–0.5	Sed	5.6 (U)	6.2 (U)	—	0.5 (U)	23.1	—	43	19.7 (U)
AAA1609	01-03126	0.0–0.5	Sed	5.8	6.3 (U)	—	0.52 (U)	25.8	0.15	65.3	20.3 (U)
AAA1610	01-03127	0.0–0.5	Tuff	5.9 (U)	6.6	47.5	—	33.8	0.13	50.1	20.8 (U)
AAA1611	01-03128	0.0–0.5	Fill	5.4 (U)	—	—	0.54	30.2	0.12	39	19.1 (U)
AAA1632	01-06073	0.0–0.5	Soil	10	—	—	0.5 (U)	—	—	—	19.6 (U)
AAA1633	01-06074	0.0–0.5	Soil	5.2 (U)	—	—	0.47 (U)	—	0.15	—	18.4 (U)

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

[a] na = Not available.

[b] U = Undetected.

[c] — = No value greater than the BV was detected, or the analyte was not detected.

Table 4.31-1
SWMU 01-007(d), Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Aluminum	Antimony	Cadmium	Calcium	Chromium	Copper	Lead	Mercury	Selenium	Thallium
Soil/Fill BV				**29200**	**0.83**	**0.4**	**6120**	**19.3**	**14.7**	**22.3**	**0.1**	**1.52**	**0.73**
Soil/Fill Maximum BV				**61500**	**1**	**2.6**	**14000**	**36.5**	**16**	**28**	**0.1**	**1.7**	**1**
Tuff BV				**7340**	**0.5**	**1.63**	**2200**	**7.14**	**4.66**	**11.2**	**0.1**	**0.3**	**1.10**
Tuff Maximum BV				**8370**	**0.4**	**1.5**	**2230**	**13**	**6.2**	**15.5**	**na[a]**	**0.105**	**1.7**
AAB8620	01-04211	5.42–5.92	Soil	—[b]	3.7 (U)[c]	0.42 (U)	—	—	—	—	—	—	—
AAB8619	01-04212	8.75–9.25	Soil	—	4.4 (U)	0.49 (U)	—	—	—	—	—	—	—
AAB8638	01-04212	13.67–14.17	Tuff	7810	3.9 (U)	—	2310	23.6 (J)[d]	7.4	—	—	0.57 (U)	—
AAB8625	01-04213	2.75–3.25	Fill	—	3.8 (U)	0.42 (U)	—	—	—	—	—	—	—
AAB8623	01-04214	2.67–3.17	Fill	—	4 (U)	0.44 (U)	—	—	—	—	—	—	—
AAB8627	01-04215	3.5–4.0	Fill	—	4 (U)	0.44 (U)	—	—	—	23.6 (J)	—	—	—
AAB8629	01-04216	4.0–4.5	Fill	—	3.9 (U)	0.43 (U)	—	—	—	24.9 (J)	—	—	—
AAB8632	01-04217	6.75–7.25	Fill	—	—	0.46 (U)	—	—	—	33.8	0.29 (J)	—	—
AAB8634	01-04217	7.83–8.33	Fill	—	—	—	—	—	—	—	0.12 (U)	—	—
AAB8636	01-04218	6.0–6.5	Fill	—	—	0.55 (U)	—	—	—	23.8	0.44 (J)	—	0.79 (U)
AAB8633	01-04218	6.67–7.17	Fill	—	—	0.43 (U)	—	—	—	—	1.5 (J)	—	—
AAB8604	01-04221	3.33–3.83	Fill	—	—	—	—	—	—	—	—	—	—
AAB8603	01-04221	19.5–20.0	Fill	—	—	—	—	—	—	51	0.28	—	1 (U)

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

[a] na = Not available.

[b] — = No value greater than the BV was detected, or the analyte was not detected.

[c] U = Undetected.

[d] J = Estimated value.

Table 4.33-1
SWMU 01-007(j), Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Antimony	Cadmium	Chromium	Selenium	Silver	Thallium	Uranium
Fill BV				**0.83**	**0.4**	**19.3**	**1.52**	**1**	**0.73**	**1.82**
Fill Maximum BV				**1**	**2.6**	**36.5**	**1.7**	**na**[a]	**1**	**3.6**
AAA1486	01-02034	0.0–0.5	Fill	20.3 (U)[b]	1 (U)	—[c]	—	2 (U)	50.7 (U)	6.9 (U)
AAA1487	01-02035	0.0–0.5	Fill	20.2 (U)	1 (U)	—	—	2 (U)	50.4 (U)	6.2
AAA1489	01-02036	0.0–0.5	Fill	20.6 (U)	1 (U)	—	—	2.1 (U)	51.4 (U)	6.7
AAA1490	01-02038	0.0–0.5	Fill	21.7 (U)	1.1 (U)	27.3	1.6 (U)	2.2 (U)	54.3 (U)	3.2 (U)

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

[a] na = Not available.

[b] U = Undetected.

[c] — = No value greater than the BV was detected, or the analyte was not detected.

Table 4.33-2
SWMU 01-007(j), Organic Chemical Detected

Sample ID	Location ID	Depth (ft)	Media	Butylbenzylphthalate
AAA1486	01-02034	0.0–0.5	Fill	—*
AAA1487	01-02035	0.0–0.5	Fill	—
AAA1489	01-02036	0.0–0.5	Fill	—
AAA1490	01-02038	0.0–0.5	Fill	1.5

Note: Values are in units of mg/kg.
*— = Analyte was not detected.

Table 4.35-1
SWMU 01-007(l), Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Antimony	Cadmium	Calcium	Chromium	Copper	Lead	Mercury	Nickel	Silver	Thallium
Soil BV				**0.83**	**0.4**	**6120**	**19.3**	**14.7**	**22.3**	**0.1**	**15.4**	**1**	**0.73**
Soil Maximum BV				**1**	**2.6**	**14000**	**36.5**	**16**	**28**	**0.1**	**29**	**na**[a]	**1**
0101-95-0051	01-10131	0.5–3.0	Soil	11 (U)[b]	0.56	—[c]	110	17	68	0.78	53	2.2	1.4
0101-95-0052	01-10132	0.5–4.0	Soil	11 (U)	0.54	—	—	—	—	0.11	—	2.2	1.4
0101-95-0053	01-10133	0.5–1.25	Soil	11 (U)	0.54	7100	—	—	—	0.11	—	2.2	1.4

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

[a] na = Not available.

[b] U = Undetected.

[c] — = No value greater than the BV was detected, or the analyte was not detected.

Table 4.35-2
SWMU 01-007(l), Radionuclides Detected Where FVs Do Not Apply

Sample ID	Location ID	Depth (ft)	Media	Americium-241	Plutonium-239
Soil FV				**0.013**	**0.054**
Soil Maximum FV				**0.013**	**0.055**
0101-95-0051	01-10131	0.5–3.0	Soil	0.075	2.56
0101-95-0052	01-10132	0.5–4.0	Soil	—*	0.743
0101-95-0053	01-10133	0.5–1.25	Soil	—	—

Notes: Values are in units of pCi/g. FVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730). Soil/fill FVs apply to the 0- to 0.5-ft-depth interval only.
*— = Analyte was not detected.

Table 6.1-1
Summary of Analytical Suites for Samples Previously Collected in TA-32

AOC/ SWMU	Sample ID	Location ID	Depth (ft)	Media	Collection Date	Americium-241	Gamma Spectroscopy	Tritium	Isotopic Plutonium	Isotopic Uranium	Metals	SVOCs	VOCs
32-001	0132-96-0209	32-06446	0.17–0.83	Fill	3/21/1996	◊[a]	◊	◊	◊	◊	✓[b]	✓	✓
	0132-96-0210	32-06447	0.17–0.92	Soil	3/22/1996	◊	◊	◊	◊	◊	✓	✓	✓
32-002(a)	0132-96-0610	32-06367	4–4.17	Tuff	4/24/1996	◊	✓	✓	✓	✓	✓	✓	✓
	0132-96-0601	32-06368	4.5–4.67	Tuff	4/24/1996	◊	✓	✓	✓	✓	✓	✓	✓
	0132-96-0602	32-06369	4.5–4.67	Tuff	4/24/1996	◊	✓	✓	✓	✓	✓	✓	✓
	0132-96-0604	32-06370	0–0.25	Tuff	4/25/1996	◊	✓	✓	✓	✓	✓	✓	✓
	0132-96-0606	32-06371	0–0.25	Tuff	4/25/1996	◊	✓	✓	✓	✓	✓	✓	✓
	0132-96-0607	32-06372	3–3.25	Tuff	4/26/1996	◊	✓	✓	✓	✓	✓	✓	✓
	0132-96-0631	32-06373	0–0.5	Soil	4/26/1996	◊	◊	◊	◊	◊	✓	◊	◊
	0132-96-0608	32-06374	0–0.25	Soil	4/26/1996	◊	✓	✓	✓	✓	✓	✓	✓
	0132-96-0609	32-06375	0–0.5	Soil	4/30/1996	◊	◊	✓	✓	◊	✓	✓	✓
	0132-96-0616	32-06380	0–0.5	Soil	5/2/1996	◊	◊	✓	✓	◊	✓	✓	✓
32-002(b)	0132-96-0325	32-06312	0–0.5	Soil	3/28/1996	✓	◊	✓	✓	✓	✓	✓	◊
	0132-96-0326	32-06312	0.5–1	Tuff	3/28/1996	✓	◊	✓	✓	✓	✓	✓	◊
	0132-96-0323	32-06313	0–0.5	Soil	3/28/1996	✓	◊	✓	✓	✓	✓	✓	◊
	0132-96-0324	32-06313	1.25–1.83	Tuff	3/28/1996	✓	◊	✓	✓	✓	✓	✓	◊
	0132-96-0755	32-06314	0–0.5	Tuff	5/6/1996	◊	✓	◊	✓	◊	✓	◊	◊
	0132-96-0327	32-06315	0–0.5	Soil	3/28/1996	✓	◊	✓	✓	✓	✓	✓	◊
	0132-96-0322	32-06323	0–0.5	Soil	3/28/1996	✓	◊	✓	✓	✓	✓	✓	◊
	0132-96-0321	32-06325	0–0.5	Soil	3/28/1996	✓	◊	✓	✓	✓	✓	✓	◊
	0132-96-0802	32-06342	1.5–2	Soil	5/6/1996	◊	◊	◊	✓	◊	✓	✓	◊

Table 6.1-1 (continued)

AOC/ SWMU	Sample ID	Location ID	Depth (ft)	Media	Collection Date	Americium-241	Gamma Spectroscopy	Tritium	Isotopic Plutonium	Isotopic Uranium	Metals	SVOCs	VOCs
32-002(b) (continued)	0132-96-0801	32-06344	1.5–2	Soil	5/6/1996	◊	◊	◊	✓	◊	✓	✓	◊
	0132-96-0751	32-06353	0–0.5	Tuff	5/6/1996	◊	✓	◊	✓	◊	✓	◊	◊
	0132-96-0752	32-06357	0–0.5	Soil	5/6/1996	◊	✓	◊	✓	◊	✓	◊	◊
	0132-96-0753	32-06358	0–0.5	Tuff	5/6/1996	◊	✓	◊	✓	◊	✓	◊	◊
	0132-96-0611	32-06365	5–5.25	Tuff	4/22/1996	◊	✓	✓	✓	✓	✓	✓	✓
	0132-96-0612	32-06366	4–4.25	Tuff	4/23/1996	◊	✓	✓	✓	✓	✓	✓	✓
	0132-96-0614	32-06377	0–0.5	Tuff	5/1/1996	◊	✓	✓	✓	✓	✓	✓	✓
32-004	0132-96-0354	32-06326	0–0.5	Soil	4/1/1996	✓	◊	✓	✓	✓	✓	✓	◊
	0132-96-0355	32-06326	0.5–1	Tuff	4/1/1996	✓	◊	✓	✓	✓	✓	✓	◊
	0132-96-0356	32-06331	0–0.42	Soil	4/1/1996	✓	◊	✓	✓	✓	✓	✓	◊
	0132-96-0357	32-06336	0–0.5	Soil	4/1/1996	✓	◊	✓	✓	✓	✓	✓	◊
	0132-96-0352	32-06338	0–0.5	Soil	4/1/1996	✓	◊	✓	✓	✓	✓	✓	◊
	0132-96-0353	32-06338	0.5–1	Soil	4/1/1996	✓	◊	✓	✓	✓	✓	✓	◊
	0132-96-0351	32-06340	0–0.5	Soil	4/1/1996	◊	◊	◊	◊	◊	✓	✓	◊
	0132-96-0621	32-06363	0–0.5	Soil	4/19/1996	◊	✓	✓	✓	✓	✓	✓	✓
	0132-96-0622	32-06364	0–0.5	Soil	4/19/1996	◊	✓	✓	✓	✓	✓	✓	✓

[a] ◊ = Analysis was not requested for the sample.

[b] ✓= Analysis was requested for the sample.

Table 6.2-1
SWMU 32-001, Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Antimony	Cadmium	Cobalt	Copper	Lead	Manganese	Mercury	Silver	Sodium	Zinc
Soil/Fill BV				**0.83**	**0.4**	**8.64**	**14.7**	**22.3**	**671**	**0.1**	**1**	**915**	**48.8**
Soil/Fill Maximum BV				**1**	**2.6**	**9.5**	**16**	**28**	**1100**	**0.1**	**na**[a]	**1800**	**75.5**
0132-96-0209	32-06446	0.17–0.83	Fill	10.1 (U)[b]	0.63 (U)	—[c]	16.5	22.7	—	0.41	2 (UJ)[d]	1130 (J)[e]	79.3
0132-96-0210	32-06447	0.17–0.92	Soil	9.5 (U)	0.59 (U)	12.4	—	—	780	0.24	1.9 (U)	1150	—

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

[a] na = Not available.

[b] U = Undetected.

[c] — = No value greater than the BV was detected or analyte was not detected.

[d] UJ = Undetected, estimated value.

[e] J = Estimated value.

Table 6.2-2
SWMU 32-001, Organic Chemicals Detected

Sample ID	Location ID	Depth (ft)	Media	Dichloroethene[cis-1,2-]	Methylene Chloride	Trichloroethene
0132-96-0209	32-06446	0.17–0.83	Fill	0.01	—[a]	0.009
0132-96-0210	32-06447	0.17–0.92	Soil	0.005 (J)[b]	0.005 (J)	0.006

Note: Values are in units of mg/kg.

[a] — = Analyte was not detected.

[b] J = Estimated value.

Table 6.3-1
SWMU 32-002(a), Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Mercury	Nickel	Silver	Sodium	Thallium	Zinc
Soil BV				**29200**	**0.83**	**8.17**	**295**	**1.83**	**0.4**	**6120**	**19.3**	**8.64**	**14.7**	**21500**	**22.3**	**0.1**	**15.4**	**1**	**915**	**0.73**	**48.8**
Soil Maximum BV				**61500**	**1**	**9.3**	**410**	**3.95**	**2.6**	**14000**	**36.5**	**9.5**	**16**	**36000**	**28**	**0.1**	**29**	**na[a]**	**1800**	**1**	**75.5**
Tuff BV				**7340**	**0.5**	**2.79**	**46.0**	**1.21**	**1.63**	**2200**	**7.14**	**3.14**	**4.66**	**14500**	**11.2**	**0.1**	**6.58**	**1**	**2770**	**1.10**	**63.5**
Tuff Maximum BV				**8370**	**0.4**	**5**	**51.6**	**1.8**	**1.5**	**2230**	**13**	**na**	**6.2**	**19500**	**15.5**	**na**	**7**	**1.9**	**7700**	**1.7**	**65.6**
0132-96-0610	32-06367	4.0–4.17	Tuff	—[b]	11 (U)[c]	—	61	—	—	—	—	—	—	—	17	0.22 (UJ)[d]	—	2.2 (U)	—	—	—
0132-96-0601	32-06368	4.5–4.67	Tuff	—	11 (U)	—	59	—	—	—	—	—	—	—	26	0.23 (UJ)	—	2.3 (U)	—	—	—
0132-96-0602	32-06369	4.5–4.67	Tuff	—	11 (U)	—	71	—	—	—	—	3.3	—	—	110	0.11 (UJ)	—	2.2 (U)	—	—	—
0132-96-0604	32-06370	0.0–0.25	Tuff	—	5.43 (U)	—	54.2	—	—	—	—	—	—	—	19	—	—	—	—	—	—
0132-96-0606	32-06371	0.0–0.25	Tuff	—	5.12 (U)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0132-96-0607	32-06372	3.0–3.25	Tuff	8100	12 (UJ)	—	140	—	—	2400	—	4.8	7.1	—	26	0.12 (U)	—	2.4 (U)	4900	—	—
0132-96-0631	32-06373	0.0–0.5	Soil	—	130 (UJ)	13	540	6.3 (U)	6.3 (U)	8900	150	—	29	93000	530	43	21	43	12000	—	240
0132-96-0608	32-06374	0.0–0.25	Soil	—	12 (UJ)	—	—	—	0.6 (U)	—	—	—	—	—	24	1.2	—	2.4 (U)	1400	—	69
0132-96-0609	32-06375	0.0–0.5	Soil	—	11 (U)	—	—	—	0.56 (U)	—	—	—	—	—	65 (J-)[e]	0.11 (U)	—	2.2 (U)	3500	1.4 (U)	49
0132-96-0616	32-06380	0.0–0.5	Soil	—	6.8 (U)	—	—	—	0.9 (U)	—	—	—	—	—	—	—	—	1.7 (U)	3210	—	—

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

[a] na = Not available.

[b] — = No value greater than the BV was detected, or the analyte was not detected.

[c] U = Undetected.

[d] UJ = Undetected, estimated value.

[e] J- = Estimated value biased low.

Table 6.3-2
SWMU 32-002(a), Organic Chemicals Detected

Sample ID	Location ID	Depth (ft)	Media	Acenaphthene	Acetone	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dichlorodifluoromethane	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylene Chloride	Naphthalene	Phenanthrene	Pyrene	Trichlorofluoromethane
0132-96-0610	32-06367	4.0–4.17	Tuff	—[a]	—	0.064 (J)[b]	0.68	0.52	0.81	0.2 (J)	0.31 (J)	0.049 (J)	0.77	0.073 (J)	—	—	1.1	—	0.23 (J)	—	—	0.17 (J)	0.79	—
0132-96-0601	32-06368	4.5–4.67	Tuff	—	—	—	0.17 (J)	0.14 (J)	0.2 (J)	0.074 (J)	0.075 (J)	0.06 (J)	0.19 (J)	—	—	—	0.36 (J)	—	0.076 (J)	—	—	0.11 (J)	0.26 (J)	—
0132-96-0602	32-06369	4.5–4.67	Tuff	—	—	0.11 (J)	0.34 (J)	0.27 (J)	0.4	0.079 (J)	0.17 (J)	0.085 (J)	0.36 (J)	—	—	—	0.61	—	0.091 (J)	0.003 (J)	—	0.31 (J)	0.47	0.006
0132-96-0604	32-06370	0.0–0.25	Tuff	—	—	—	0.053 (J)	—	0.07 (J)	—	—	—	0.065 (J)	—	—	—	0.097 (J)	—	—	—	—	0.047 (J)	0.071 (J)	—
0132-96-0606	32-06371	0.0–0.25	Tuff	0.3 (J)	—	1.5	4.2	3.5	5.5	0.83	2.4	0.99	3.8	0.39 (J)	0.17 (J)	—	6.1	0.38 (J)	1	—	0.082 (J)	3.7	6.6	—
0132-96-0607	32-06372	3.0–3.25	Tuff	—	0.033 (J+)[c]	—	0.25	0.2	0.2	—	—	—	0.29	—	—	—	0.45	—	—	—	—	—	0.3	—
0132-96-0608	32-06374	0.0–0.25	Soil	—	—	—	—	0.35	0.33	1.2	0.28	—	0.34	—	—	—	0.2	—	0.64	—	—	—	—	—
0132-96-0609	32-06375	0.0–0.5	Soil	—	0.022 (J+)	—	—	—	—	—	—	—	—	—	—	—	0.4	—	—	—	—	—	0.22	—
0132-96-0616	32-06380	0.0–0.5	Soil	—	—	0.081 (J)	0.73	0.58	0.59	0.33 (J)	0.58	—	0.81	—	—	0.001 (J)	1.3	—	0.29 (J)	—	—	0.28 (J)	1	—

Note: Values are in units of mg/kg.

[a] — = Analyte was not detected.

[b] J = Estimated value.

[c] J+ = Estimated value biased high.

Table 6.3-3
SWMU 32-002(a), Radionuclides Detected
Greater Than BVs, FVs, or Where FVs Do Not Apply

Sample ID	Location ID	Depth (ft)	Media	Plutonium-238	Plutonium-239	Tritium	Uranium-235
Soil FV				**0.023**	**0.054**	**na**[a]	**n/a**[b]
Soil Maximum FV				**0.037**	**0.055**	**na**	**n/a**
Soil BV				**n/a**	**n/a**	**n/a**	**0.20**
Soil Maximum BV				**n/a**	**n/a**	**n/a**	**0.16**
Tuff BV				**n/a**	**n/a**	**n/a**	**0.09**
Tuff Maximum BV				**n/a**	**n/a**	**n/a**	**0.11**
0132-96-0610	32-06367	4.0–4.17	Tuff	—[c]	—	—	—
0132-96-0601	32-06368	4.5–4.67	Tuff	—	—	—	—
0132-96-0602	32-06369	4.5–4.67	Tuff	—	0.681	—	—
0132-96-0604	32-06370	0.0–0.25	Tuff	—	0.027	—	—
0132-96-0606	32-06371	0.0–0.25	Tuff	—	2.7	—	—
0132-96-0607	32-06372	3.0–3.25	Tuff	—	—	—	0.126
0132-96-0608	32-06374	0.0–0.25	Soil	0.079	0.109	—	—
0132-96-0609	32-06375	0.0–0.5	Soil	—	—	0.10	◊[d]
0132-96-0616	32-06380	0.0–0.5	Soil	—	—	—	◊

Notes: Values are in units of pCi/g. Background and FVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730). Soil/fill FVs apply to the 0- to 0.5-ft-depth interval only. Tuff has no FVs.

[a] na = Not available.

[b] n/a = Not applicable.

[c] — = No value greater than the BV or FV was detected, or the analyte was not detected.

[d] ◊ = Analysis was not requested for the sample.

Table 6.4-1
SWMU 32-002(b), Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Antimony	Arsenic	Barium	Cadmium	Calcium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Selenium	Silver	Thallium	Zinc
Soil BV				**0.83**	**8.17**	**295**	**0.4**	**6120**	**19.3**	**8.64**	**14.7**	**22.3**	**671**	**0.1**	**1.52**	**1**	**0.73**	**48.8**
Soil Maximum BV				**1**	**9.3**	**410**	**2.6**	**14000**	**36.5**	**9.5**	**16**	**28**	**1100**	**0.1**	**1.7**	**na**[a]	**1**	**75.5**
Tuff BV				**0.5**	**2.79**	**46.0**	**1.63**	**2200**	**7.14**	**3.14**	**4.66**	**11.2**	**482**	**0.1**	**0.3**	**1**	**1.10**	**63.5**
Tuff Maximum BV				**0.4**	**5**	**51.6**	**1.5**	**2230**	**13**	**na**	**6.2**	**15.5**	**752**	**na**	**0.105**	**1.9**	**1.7**	**65.6**
0132-96-0325	32-06312	0.0–0.5	Soil	11 (UJ)[b]	—[c]	—	1.9	—	77	—	27 (J+)[d]	220	—	48	—	21	2.1 (U)	110
0132-96-0326	32-06312	0.5–1.0	Tuff	10 (UJ)	4.1 (J-)[e]	—	—	—	7.2	—	6.2 (J+)	37	—	6.4	1 (U)[f]	3.1	2.1 (U)	—
0132-96-0323	32-06313	0.0–0.5	Soil	10 (UJ)	—	—	1	—	84	—	31 (J+)	200	—	42	—	19	2.1 (U)	190
0132-96-0324	32-06313	1.25–1.83	Tuff	10 (UJ)	—	—	—	—	9.1	—	—	—	—	—	1 (U)	4	2 (U)	—
0132-96-0755	32-06314	0.0–0.5	Tuff	10 (UJ)	—	—	—	—	—	—	—	—	—	0.2	1 (U)	2 (U)	1.3 (U)	—
0132-96-0327	32-06315	0.0–0.5	Soil	11 (UJ)	—	—	0.53 (U)	—	—	—	—	58	—	4.3	—	2.1	2.1 (U)	—
0132-96-0322	32-06323	0.0–0.5	Soil	12 (UJ)	—	—	0.59 (U)	—	—	—	—	—	—	0.12 (U)	—	2.4 (U)	2.4 (U)	—
0132-96-0321	32-06325	0.0–0.5	Soil	10 (UJ)	—	—	0.52 (U)	—	22	—	—	82	—	12	—	5.2	2.1 (U)	52
0132-96-0802	32-06342	1.5–2.0	Soil	11 (UJ)	—	—	0.54 (U)	—	—	—	—	32 (J-)	—	5.9	—	2.2 (U)	1.3 (U)	—
0132-96-0801	32-06344	1.5–2.0	Soil	11 (U)	—	—	2.1	—	—	—	—	61	—	9.4	—	2.1 (U)	1.3	67
0132-96-0751	32-06353	0.0–0.5	Tuff	10 (UJ)	—	54	—	4700	—	—	7.1	43 (J-)	830	0.17	1	2 (U)	1.3	—
0132-96-0752	32-06357	0.0–0.5	Soil	10 (UJ)	—	—	0.51 (U)	—	—	—	—	38 (J-)	—	1.4	—	2 (U)	1.3 (U)	—
0132-96-0753	32-06358	0.0–0.5	Tuff	10 (UJ)	—	—	—	—	—	—	—	—	—	—	1 (U)	2 (U)	1.3 (U)	—
0132-96-0611	32-06365	5.0–5.25	Tuff	12 (UJ)	—	76	—	—	—	3.6	4.8	33	—	5	—	2.4 (U)	1.5 (U)	68 (J-)
0132-96-0612	32-06366	4.0–4.25	Tuff	11 (UJ)	—	—	—	2500	—	—	5.3	—	—	0.11 (U)	—	2.1 (U)	1.3 (U)	—
0132-96-0614	32-06377	0.0–0.5	Tuff	6.5 (U)	—	78.7	—	—	—	3.6 (J)[g]	5.8	23.6	—	—	0.65 (J)	1.6 (U)	—	—

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

a na = Not available.
b UJ = Undetected, estimated value.
c — = No value greater than the BV was detected, or the analyte was not detected.
d J+ = Estimated value biased high.
e J- = Estimated value biased low.
f U = Undetected.
g J = Estimated value.

Table 6.4-2
SWMU 32-002(b), Organic Chemicals Detected

Sample ID	Location ID	Depth (ft)	Media	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic Acid	Bis(2-ethylhexyl)phthalate	Carbazole	Chrysene	Di-n-butylphthalate	Fluoranthene	Indeno(1,2,3-cd)pyrene	Methylene Chloride	Phenanthrene	Pyrene	Trichlorofluoromethane
0132-96-0325	32-06312	0.0–0.5	Soil	—[a]	—	—	—	—	—	—	—	—	—	—	—	—	◊[b]	—	—	◊
0132-96-0326	32-06312	0.5–1.0	Tuff	—	—	—	—	—	—	—	—	—	—	—	—	—	◊	—	—	◊
0132-96-0323	32-06313	0.0–0.5	Soil	—	—	—	—	—	—	—	—	—	—	—	—	—	◊	—	—	◊
0132-96-0324	32-06313	1.25–1.83	Tuff	—	—	—	—	—	—	—	—	—	—	—	—	—	◊	—	—	◊
0132-96-0327	32-06315	0.0–0.5	Soil	—	—	—	—	—	—	—	—	—	—	—	—	—	◊	—	—	◊
0132-96-0322	32-06323	0.0–0.5	Soil	—	—	—	—	—	—	—	—	—	—	—	—	—	◊	—	—	◊
0132-96-0321	32-06325	0.0–0.5	Soil	—	—	—	—	—	—	—	—	—	—	—	—	—	◊	—	—	◊
0132-96-0802	32-06342	1.5–2.0	Soil	—	—	—	—	—	—	—	—	—	—	—	—	—	◊	—	—	◊
0132-96-0801	32-06344	1.5–2.0	Soil	—	—	—	—	—	—	—	—	—	—	—	—	—	◊	—	—	◊
0132-96-0611	32-06365	5.0–5.25	Tuff	—	—	—	—	—	—	—	—	—	—	0.054 (J)[c]	—	—	0.003 (J)	—	0.041 (J)	0.006
0132-96-0612	32-06366	4.0–4.25	Tuff	0.085 (J)	0.27 (J)	0.3 (J)	0.61 (J)	0.13 (J)	0.24 (J)	—	—	0.11	0.48 (J)	0.77	0.99	0.14 (J)	—	0.45 (J)	1	0.003 (J)
0132-96-0614	32-06377	0.0–0.5	Tuff	—	0.023 (J)	0.03 (J)	0.048 (J)	0.045 (J)	0.036 (J)	0.076 (J)	0.059 (J)	—	0.075 (J)	—	0.074 (J)	0.026 (J)	0.014 (J+)[d]	—	0.074 (J)	—

Note: Values are in units of mg/kg.

[a] — = Analyte was not detected.

[b] ◊ = Analysis was not requested for the sample.

[c] J = Estimated value.

[d] J+ = Estimated value biased high.

Table 6.4-3
SWMU 32-002(b), Radionuclides Detected Greater Than BVs, FVs, or Where FVs Do Not Apply

Sample ID	Location ID	Depth (ft)	Media	Americium-241	Cesium-137	Plutonium-239	Tritium	Uranium-234	Uranium-238
Soil FV				**0.013**	**1.65**	**0.054**	**na**[a]	**n/a**[b]	**n/a**
Soil Maximum FV				**0.013**	**1.7**	**0.055**	**na**	**n/a**	**n/a**
Soil BV				**n/a**	**n/a**	**n/a**	**n/a**	**2.59**	**2.29**
Soil Maximum BV				**n/a**	**n/a**	**n/a**	**n/a**	**2.5**	**2.1**
Tuff BV				**n/a**	**n/a**	**n/a**	**n/a**	**1.98**	**1.93**
Tuff Maximum BV				**n/a**	**n/a**	**n/a**	**n/a**	**2.44**	**2.38**
0132-96-0325	32-06312	0.0–0.5	Soil	0.929	◊[c]	5	—[d]	—	—
0132-96-0326	32-06312	0.5–1.0	Tuff	—	◊	0.356	—	—	—
0132-96-0323	32-06313	0.0–0.5	Soil	1.07	◊	3.76	—	3.55	3.04
0132-96-0324	32-06313	1.25–1.83	Tuff	—	◊	0.11	—	—	—
0132-96-0755	32-06314	0.0–0.5	Tuff	◊	0.58	0.099	◊	◊	◊
0132-96-0327	32-06315	0.0–0.5	Soil	—	◊	0.613	—	—	—
0132-96-0322	32-06323	0.0–0.5	Soil	—	◊	0.389	—	—	—
0132-96-0321	32-06325	0.0–0.5	Soil	0.146	◊	1.64	—	—	—
0132-96-0802	32-06342	1.5–2.0	Soil	◊	◊	0.134	◊	◊	◊
0132-96-0801	32-06344	1.5–2.0	Soil	◊	◊	0.495	◊	◊	◊
0132-96-0751	32-06353	0.0–0.5	Tuff	◊	1.7	0.091	◊	◊	◊
0132-96-0752	32-06357	0.0–0.5	Soil	◊	2.56	0.916	◊	◊	◊
0132-96-0753	32-06358	0.0–0.5	Tuff	◊	0.29	—	◊	◊	◊
0132-96-0611	32-06365	5.0–5.25	Tuff	◊	—	0.039	—	—	—
0132-96-0612	32-06366	4.0–4.25	Tuff	◊	—	—	—	—	—
0132-96-0614	32-06377	0.0–0.5	Tuff	◊	—	0.016	0.09	—	—

Notes: Values are in units of pCi/g. Background and FVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730). Soil/fill FVs apply to the 0- to 0.5-ft-depth interval only. Tuff has no FVs.

[a] na = Not available.

[b] n/a = Not applicable.

[c] ◊ = Analysis was not requested for the sample.

[d] — = No value greater than the BV or FV was detected, or the analyte was not detected.

Table 6.6-1
AOC 32-004, Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Antimony	Cadmium	Chromium	Copper	Lead	Mercury	Selenium	Silver	Thallium	Zinc
Soil BV				**0.83**	**0.4**	**19.3**	**14.7**	**22.3**	**0.1**	**1.52**	**1**	**0.73**	**48.8**
Soil Maximum BV				**1**	**2.6**	**36.5**	**16**	**28**	**0.1**	**1.7**	**na**[a]	**1**	**75.5**
Tuff BV				**0.5**	**1.63**	**7.14**	**4.66**	**11.2**	**0.1**	**0.3**	**1**	**1.10**	**63.5**
Tuff Maximum BV				**0.4**	**1.5**	**13**	**6.2**	**15.5**	**na**	**0.105**	**1.9**	**1.7**	**65.6**
Sample from AOC 32-004 only (above confluence with drainage from industrial area along Knecht Street)													
0132-96-0621	32-06363	0.0–0.5	Soil	5.8 (U)[b]	0.58 (U)	—[c]	—	—	0.45	—	—	—	50.2
0132-96-0622	32-06364	0.0–0.5	Soil	5.8 (U)	0.58 (U)	—	—	—	0.55	—	—	—	102
Upgradient sample location (reflects potential contamination from industrial area along Knecht Street, not from AOC 32-004)													
0132-96-0351	32-06340	0.0–0.5	Soil	11 (UJ)[d]	1.1	—	26 (J+)[e]	200	0.11 (U)	—	2.1 (U)	2.1 (U)	150
Outfall samples from below the confluence of the drainage from industrial area along Knecht Street and AOC 32-004													
0132-96-0352	32-06338	0.0–0.5	Soil	11 (UJ)	0.54	32	15 (J+)	89	0.11	—	3.3	2.2 (U)	83
0132-96-0353	32-06338	0.5–1.0	Soil	11 (UJ)	0.56 (U)	—	—	—	0.11 (U)	—	2.2 (U)	2.2 (U)	—
Outfall samples from farther below the confluence of the drainage from industrial area along Knecht Street and AOC 32-004													
0132-96-0354	32-06326	0.0–0.5	Soil	11 (UJ)	0.55 (U)	—	—	53	0.11 (U)	—	2.2 (U)	2.2 (U)	100
0132-96-0355	32-06326	0.5–1.0	Tuff	12 (UJ)	—	—	—	—	0.12 (U)	1.2 (U)	2.4 (U)	2.4 (U)	—
0132-96-0356	32-06331	0.0–0.42	Soil	10 (UJ)	0.51 (U)	—	—	34	—	—	2 (U)	2 (U)	51
0132-96-0357	32-06336	0.0–0.5	Soil	10 (UJ)	0.52 (U)	—	—	—	—	—	2.1 (U)	2.1 (U)	—

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

[a] na = Not available.

[b] U = Undetected.

[c] — = No value greater than the BV was detected or analyte was not detected.

[d] UJ = Undetected, estimated value.

[e] J+ = Estimated value biased high.

Table 6.6-2
AOC 32-004, Organic Chemicals Detected

Sample ID	Location ID	Depth (ft)	Media	Acenaphthene	Acetone	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Butylbenzylphthalate	Chrysene	Di-n-octylphthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Sample from AOC 32-004 only (above confluence with drainage from industrial area along Knecht Street)																					
0132-96-0621	32-06363	0.0–0.5	Soil	—[a]	—	—	—	—	0.12 (J)[b]	—	—	—	—	—	—	0.18 (J)	—	—	—	0.1 (J)	0.15 (J)
0132-96-0622	32-06364	0.0–0.5	Soil	—	0.002 (J)	—	0.17 (J)	0.21 (J)	0.31 (J)	0.15 (J)	0.15 (J)	0.097 (J)	0.18 (J)	0.25 (J)	0.097 (J)	0.48	—	0.16 (J)	—	0.24 (J)	0.37 (J)
Upgradient sample location (reflects potential contamination from industrial area along Knecht Street, not from AOC 32-004)																					
0132-96-0351	32-06340	0.0–0.5	Soil	—	◊[c]	2.3	8.2	8.4	7.8	4.9	7.9	1.8	8.3	14	—	18	—	4.8	—	11	15
Outfall samples from below the confluence of the drainage from industrial area along Knecht Street and AOC 32-004																					
0132-96-0352	32-06338	0.0–0.5	Soil	—	◊	—	1.7	1.9	2.2	1.4	1.7	0.69	3.1	3.5	—	4.8	—	1.3	—	2.2	3.8
0132-96-0353	32-06338	0.5–1.0	Soil	—	◊	—	—	—	—	—	—	—	0.3	0.21	—	0.2	—	—	—	—	0.2
Outfall samples from farther below the confluence of the drainage from industrial area along Knecht Street and AOC 32-004																					
0132-96-0354	32-06326	0.0–0.5	Soil	—	◊	0.32	1.4	1.5	1.6	0.65	1.4	0.88	2.4	2.4	—	3.4	—	0.67	—	1.7	2.7
0132-96-0355	32-06326	0.5–1.0	Tuff	—	◊	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0132-96-0356	32-06331	0.0–0.42	Soil	0.19	◊	0.32	0.89	0.91	0.96	0.42	1.1	0.25	0.96	1.6	—	2.3	0.19	0.42	0.23	1.7	1.8
0132-96-0357	32-06336	0.0–0.5	Soil	—	◊	—	—	—	—	—	—	—	—	—	—	0.18	—	—	—	—	—

Note: Values are in units of mg/kg.

[a] — = Analyte was not detected.

[b] J = Estimated value.

[c] ◊ = Analysis was not requested for the sample.

Table 6.6-3
AOC 32-004, Radionuclide Detected Greater Than FVs

Sample ID	Location ID	Depth (ft)	Media	Americium-241
Soil FV				**0.013**
Soil Maximum FV				**0.013**
0132-96-0354	32-06326	0.0–0.5	Soil	0.091
0132-96-0355	32-06326	0.5–1.0	Tuff	—*
0132-96-0356	32-06331	0.0–0.42	Soil	—
0132-96-0357	32-06336	0.0–0.5	Soil	—
0132-96-0352	32-06338	0.0–0.5	Soil	—
0132-96-0353	32-06338	0.5–1.0	Soil	—

Notes: Values are in units of pCi/g. FVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730). Soil/fill FVs apply to the 0- to 0.5-ft-depth interval only.
*— = No value greater than the FV was detected, or the analyte was not detected.

Table 7.1-1
Summary of Analytical Suites for Samples Previously Collected in TA-41

AOC/SWMU	Sample ID	Location ID	Depth (ft)	Media	Collection Date	Gamma Spectroscopy	Tritium	Isotopic Plutonium	Isotopic Uranium	Metals	SVOCs	VOCs
41-001	0441-95-0003	41-01007	0.0–1.0	Tuff	5/3/1995	◊[a]	✓[b]	✓	✓	◊	✓	✓
	0441-95-0004	41-01007	4.0–5.0	Tuff	5/3/1995	◊	✓	✓	✓	◊	✓	✓
	0441-95-0009	41-01008	0.0–1.0	Tuff	5/3/1995	◊	✓	✓	✓	◊	✓	✓
	0441-95-0010	41-01008	4.0–5.0	Tuff	5/3/1995	◊	✓	✓	✓	◊	✓	✓
	0441-95-0011	41-01008	9.0–10.0	Tuff	5/3/1995	◊	✓	✓	✓	◊	✓	✓
41-002(a)	AAC2706	41-01009	0.0–1.0	Soil	3/7/1995	✓	✓	✓	✓	U[c]	✓	◊
	AAC2712	41-01009	4.0–5.0	Soil	3/7/1995	✓	✓	✓	✓	U	✓	◊
	AAC2719	41-01009	9.0–10.0	Soil	3/7/1995	✓	✓	✓	✓	U	✓	◊
	AAC2713	41-01010	0.0–1.0	Soil	3/7/1995	✓	✓	✓	✓	U	✓	◊
	AAC2716	41-01010	4.0–5.0	Soil	3/7/1995	✓	✓	✓	✓	U	◊	◊
	AAC2703	41-01011	0.0–1.0	Soil	3/7/1995	✓	✓	✓	✓	U	✓	◊
	AAC2727	41-01012	0.0–1.0	Soil	3/8/1995	✓	✓	✓	✓	U	◊	◊
	AAC2721	41-01012	4.0–5.0	Soil	3/8/1995	✓	✓	✓	✓	U	◊	◊
	AAC2723	41-01012	6.0–7.0	Soil	3/8/1995	✓	✓	✓	✓	U	◊	◊
	AAC2726	41-01025	0.0–1.0	Soil	2/28/1995	✓	✓	✓	✓	U	✓	◊
	AAC2720	41-01026	0.0–1.0	Soil	2/28/1995	✓	✓	✓	✓	U	✓	◊
41-002(b)	AAC2709	41-01019	0.0–1.0	Soil	2/27/1995	✓	✓	✓	✓	U	✓	◊
	AAC2715	41-01020	0.0–1.0	Soil	2/28/1995	✓	✓	✓	✓	U	✓	◊
	AAC2714	41-01021	0.0–1.0	Soil	2/28/1995	✓	✓	✓	✓	U	✓	◊
	AAC2708	41-01022	0.0–1.0	Soil	2/28/1995	✓	✓	✓	✓	U	✓	◊
	AAC2705	41-01023	0.0–1.0	Soil	2/28/1995	✓	✓	✓	✓	U	✓	◊
	AAC2704	41-01024	0.0–1.0	Soil	2/28/1995	✓	✓	✓	✓	U	✓	◊

Table 7.1-1 (continued)

AOC/SWMU	Sample ID	Location ID	Depth (ft)	Media	Collection Date	Gamma Spectroscopy	Tritium	Isotopic Plutonium	Isotopic Uranium	Metals	SVOCs	VOCs
41-002(c)	AAC2700	41-01013	0.0–1.0	Soil	2/28/1995	✓	✓	✓	✓	U	✓	◊
	AAC2702	41-01013	2.0.0–3	Soil	2/28/1995	✓	✓	✓	✓	U	✓	◊
	AAC2718	41-01014	0.0–1.0	Soil	2/27/1995	✓	✓	✓	✓	U	✓	◊
	AAC2710	41-01015	0.0–1.0	Soil	2/27/1995	✓	✓	✓	✓	U	✓	◊
	AAC2717	41-01016	0.0–1.0	Soil	2/27/1995	✓	✓	✓	✓	U	✓	◊
	AAC2707	41-01017	0.0–1.0	Soil	2/27/1995	✓	✓	✓	✓	U	✓	◊
	AAC2711	41-01018	0.0–1.0	Soil	2/27/1995	✓	✓	✓	✓	U	✓	◊
41-003	AAC2687	41-01027	7.0–8.0	Soil	2/17/1995	◊	✓	✓	◊	U	◊	◊
	AAC2690	41-01028	8.5–9.5	Soil	2/17/1995	◊	✓	✓	◊	U	◊	◊
	AAC2686	41-01029	0.0–1.0	Soil	2/17/1995	◊	✓	✓	◊	U	◊	◊
	AAC2688	41-01030	0.0–1.0	Soil	2/17/1995	◊	✓	✓	◊	U	◊	◊
	AAC2689	41-01031	0.0–1.0	Soil	2/17/1995	◊	✓	✓	◊	U	◊	◊
	AAC2694	41-01032	0.0–1.0	Soil	2/17/1995	◊	✓	✓	◊	U	◊	◊
	AAC2695	41-01033	0.0–1.0	Soil	2/17/1995	◊	✓	✓	◊	U	◊	◊
C-41-004	AAC2729	41-01034	0.0–1.0	Sediment	2/27/1995	◊	✓	✓	◊	U	◊	◊

[a] ◊ = Analysis was not requested for the sample.

[b] ✓= Analysis was requested for the sample.

[c] U = Only uranium was analyzed.

Table 7.2-1
SWMU 41-001, Organic Chemicals Detected

Sample ID	Location ID	Depth (ft)	Media	Di-n-butylphthalate	Fluoranthene	Indeno(1,2,3-cd)pyrene	Pyrene	Toluene
0441-95-0003	41-01007	0.0–1.0	Tuff	0.065 (J)[a]	—[b]	0.36 (J)	0.051 (J)	0.009
0441-95-0004	41-01007	4.0–5.0	Tuff	0.079 (J)	—	—	—	0.015
0441-95-0009	41-01008	0.0–1.0	Tuff	0.13 (J)	0.047 (J)	—	0.049 (J)	0.011 (J+)[c]
0441-95-0010	41-01008	4.0–5.0	Tuff	0.077 (J)	—	—	—	0.011
0441-95-0011	41-01008	9.0–10.0	Tuff	—	—	—	—	0.004 (J)

Note: Values are in units of mg/kg.
[a] J = Estimated value.
[b] — = Analyte was not detected.
[c] J+ = Estimated value biased high.

Table 7.2-2
SWMU 41-001, Radionuclides Detected

Sample ID	Location ID	Depth (ft)	Media	Plutonium-239	Tritium
Tuff FV				**n/a**	**n/a**[a]
Tuff Maximum FV				**n/a**	**n/a**
0441-95-0003	41-01007	0.0–1.0	Tuff	0.033	0.19
0441-95-0004	41-01007	4.0–5.0	Tuff	0.034	0.20
0441-95-0009	41-01008	0.0–1.0	Tuff	0.036	0.19
0441-95-0010	41-01008	4.0–5.0	Tuff	—[b]	0.19
0441-95-0011	41-01008	9.0–10.0	Tuff	—	0.12

Notes: Values are in units of pCi/g. Tuff has no FVs.
[a] n/a = Not applicable.
[b] — = Analyte was not detected.

Table 7.3-1
SWMU 41-002(a), Inorganic Chemical Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Uranium
Soil BV				**1.82**
Soil Maximum BV				**3.6**
AAC2706	41-01009	0.0–1.0	Soil	4.6
AAC2712	41-01009	4.0–5.0	Soil	4.5
AAC2719	41-01009	9.0–10.0	Soil	4.5
AAC2713	41-01010	0.0–1.0	Soil	5.2
AAC2716	41-01010	4.0–5.0	Soil	4.8
AAC2703	41-01011	0.0–1.0	Soil	4.3
AAC2727	41-01012	0.0–1.0	Soil	3
AAC2721	41-01012	4.0–5.0	Soil	4.3
AAC2723	41-01012	6.0–7.0	Soil	3.5
AAC2726	41-01025	0.0–1.0	Soil	4.4
AAC2720	41-01026	0.0–1.0	Soil	4

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

Table 7.3-2
SWMU 41-002(a), Organic Chemicals Detected

Sample ID	Location ID	Depth (ft)	Media	Bis(2-ethylhexyl)phthalate	Chrysene	Fluoranthene	Phenanthrene	Pyrene
AAC2706	41-01009	0.0–1.0	Soil	—*	—	0.56	—	0.53
AAC2712	41-01009	4.0–5.0	Soil	—	—	—	—	—
AAC2719	41-01009	9.0–10.0	Soil	—	—	—	—	—
AAC2713	41-01010	0.0–1.0	Soil	—	—	—	—	—
AAC2703	41-01011	0.0–1.0	Soil	—	0.37	0.84	0.54	0.65
AAC2726	41-01025	0.0–1.0	Soil	0.51	—	—	—	—
AAC2720	41-01026	0.0–1.0	Soil	—	—	—	—	—

Note: Values are in units of mg/kg.
*— = Analyte was not detected.

Table 7.3-3
SWMU 41-002(a), Radionuclides Detected Greater Than BVs or Where FVs Do Not Apply

Sample ID	Location ID	Depth (ft)	Media	Plutonium-238	Plutonium-239	Tritium	Uranium-234
Soil FV				**0.023**	**0.054**	**na**[a]	**n/a**[b]
Soil Maximum FV				**0.037**	**0.055**	**na**	**n/a**
Soil BV				**n/a**	**n/a**	**n/a**	**2.59**
Soil Maximum BV				**n/a**	**n/a**	**n/a**	**2.5**
AAC2706	41-01009	0.0–1.0	Soil	0.005	0.18	0.10	—[c]
AAC2712	41-01009	4.0–5.0	Soil	0.004	0.011	0.17	—
AAC2719	41-01009	9.0–10.0	Soil	—	0.013	0.25	—
AAC2713	41-01010	0.0–1.0	Soil	—	0.131	0.14	2.64
AAC2716	41-01010	4.0–5.0	Soil	0.011	0.135	0.25	—
AAC2703	41-01011	0.0–1.0	Soil	—	0.159	0.08	—
AAC2727	41-01012	0.0–1.0	Soil	—	0.027	0.09	—
AAC2721	41-01012	4.0–5.0	Soil	—	0.038	0.19	—
AAC2723	41-01012	6.0–7.0	Soil	—	0.017	0.24	—
AAC2726	41-01025	0.0–1.0	Soil	—	0.15	0.08	—
AAC2720	41-01026	0.0–1.0	Soil	—	0.135	0.10	—

Notes: Values are in units of pCi/g. Background and FVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730). Soil/fill FVs apply to the 0- to 0.5-ft-depth interval only.

[a] na = Not available.

[b] n/a = Not applicable.

[c] — = No value greater than the BV was detected, or the analyte was not detected.

Table 7.3-4
SWMU 41-002(b), Inorganic Chemical Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Uranium
Soil BV				**1.82**
Soil Maximum BV				**3.6**
AAC2709	41-01019	0.0–1.0	Soil	4.3
AAC2715	41-01020	0.0–1.0	Soil	4
AAC2714	41-01021	0.0–1.0	Soil	3.7
AAC2708	41-01022	0.0–1.0	Soil	5.4
AAC2705	41-01023	0.0–1.0	Soil	3.9
AAC2704	41-01024	0.0–1.0	Soil	3.6

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

Table 7.3-5
SWMU 41-002(b), Organic Chemicals Detected

Sample ID	Location ID	Depth (ft)	Media	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Fluoranthene	Phenanthrene	Pyrene
AAC2709	41-01019	0.0–1.0	Soil	—*	—	—	—	—	—	—	—
AAC2715	41-01020	0.0–1.0	Soil	—	—	—	—	—	—	—	—
AAC2714	41-01021	0.0–1.0	Soil	—	—	—	—	—	—	—	—
AAC2708	41-01022	0.0–1.0	Soil	—	—	—	—	—	0.49	—	—
AAC2705	41-01023	0.0–1.0	Soil	0.43	0.43	0.44	0.52	0.55	0.87	0.49	0.9
AAC2704	41-01024	0.0–1.0	Soil	—	—	—	—	—	—	—	—

Note: Values are in units of mg/kg.
*— = Analyte was not detected.

Table 7.3-6
SWMU 41-002(b), Radionuclides Detected Greater Than FVs

Sample ID	Location ID	Depth (ft)	Media	Plutonium-239	Tritium
Soil FV				**0.054**	**na***
Soil Maximum FV				**0.055**	**na**
AAC2709	41-01019	0.0–1.0	Soil	0.026	0.07
AAC2715	41-01020	0.0–1.0	Soil	0.129	0.07
AAC2714	41-01021	0.0–1.0	Soil	0.1	0.10
AAC2708	41-01022	0.0–1.0	Soil	1.179	0.33
AAC2705	41-01023	0.0–1.0	Soil	0.433	0.13
AAC2704	41-01024	0.0–1.0	Soil	0.257	0.07

Notes: Values are in units of pCi/g. FVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730). Soil/fill FVs apply to the 0- to 0.5-ft-depth interval only.
*na = Not available.

Table 7.3-7
SWMU 41-002(c), Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Uranium
Soil BV				**1.82**
Soil Maximum BV				**3.6**
AAC2700	41-01013	0.0–1.0	Soil	4
AAC2702	41-01013	2.0–3.0	Soil	3.1
AAC2718	41-01014	0.0–1.0	Soil	4.6
AAC2710	41-01015	0.0–1.0	Soil	4.1
AAC2717	41-01016	0.0–1.0	Soil	5.2
AAC2707	41-01017	0.0–1.0	Soil	4.5
AAC2711	41-01018	0.0–1.0	Soil	4.2

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

Table 7.3-8
SWMU 41-002(c), Radionuclides Detected Where FVs Do Not Apply

Sample ID	Location ID	Depth (ft)	Media	Plutonium-239	Tritium
Soil FV				**0.054**	**na**[a]
Soil Maximum FV				**0.055**	**na**
AAC2700	41-01013	0.0–1.0	Soil	0.025	0.22
AAC2702	41-01013	2.0–3.0	Soil	—[b]	0.14
AAC2718	41-01014	0.0–1.0	Soil	0.013	0.22
AAC2710	41-01015	0.0–1.0	Soil	0.41	0.37
AAC2717	41-01016	0.0–1.0	Soil	0.177	0.14
AAC2707	41-01017	0.0–1.0	Soil	0.022	0.11
AAC2711	41-01018	0.0–1.0	Soil	0.016	0.08

Notes: Values are in units of pCi/g. FVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730). Soil/fill FVs apply to the 0- to 0.5-ft-depth interval only.

[a] na = Not available.

[b] — = Analyte was not detected.

Table 7.4-1
AOC 41-003, Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Uranium
Soil BV				**1.82**
Soil Maximum BV				**3.6**
AAC2687	41-01027	7.0–8.0	Soil	4.9
AAC2690	41-01028	8.5–9.5	Soil	5.4
AAC2686	41-01029	0.0–1.0	Soil	3.9
AAC2688	41-01030	0.0–1.0	Soil	2.6
AAC2689	41-01031	0.0–1.0	Soil	4.7
AAC2694	41-01032	0.0–1.0	Soil	3.4
AAC2695	41-01033	0.0–1.0	Soil	3.5

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

Table 7.4-2
AOC 41-003, Radionuclides Detected Where FVs Do Not Apply

Sample ID	Location ID	Depth (ft)	Media	Plutonium-239	Tritium
Soil FV				**0.054**	**na**[a]
Soil Maximum FV				**0.055**	**na**
AAC2687	41-01027	7.0–8.0	Soil	—[b]	0.001
AAC2690	41-01028	8.5–9.5	Soil	—	0.0004
AAC2686	41-01029	0.0–1.0	Soil	—	0.00008
AAC2688	41-01030	0.0–1.0	Soil	—	0.0005
AAC2689	41-01031	0.0–1.0	Soil	—	0.0001
AAC2694	41-01032	0.0–1.0	Soil	—	0.0001
AAC2695	41-01033	0.0–1.0	Soil	0.027	0.0001

Notes: Values are in units of pCi/g. FVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730). Soil/fill FVs apply to the 0 to 0.5 ft depth interval only.

[a] na = Not available.

[b] — = Analyte was not detected.

Table 7.5-1
AOC C-41-004, Inorganic Chemicals Detected Greater Than BVs

Sample ID	Location ID	Depth (ft)	Media	Uranium
Sediment BV				**2.22**
Sediment Maximum BV				**2**
AAC2729	41-01034	0.0–1.0	Sed	3.2

Notes: Values are in units of mg/kg. BVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

Table 7.5-2
AOC C-41-004, Radionuclides Detected Greater Than FVs

Sample ID	Location ID	Depth (ft)	Media	Plutonium-239	Tritium
Sediment FV				**0.068**	**0.093**
Sediment Maximum FV				**0.065**	**0.0856**
AAC2729	41-01034	0.0–1.0	Sed	0.089	0.58

Notes: Values are in units of pCi/g. FVs are from "Inorganic and Radionuclide Background Data for Soils, Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (LANL 1998, 59730).

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