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Date: JAN 24 2019
Refer To: N3B-19-0002

John Kieling, Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

Subject: Class 1 Permit Modification Request to Add Solid Waste Management Unit 40-003(a) and Area of Concern C-06-019 to Table K-1, Attachment K, and to Remove Area of Concern C-06-019 from Table K-3, Attachment K, of the Los Alamos National Laboratory Hazardous Waste Facility Permit, EPA ID No. NM0890010515

Dear Mr. Kieling:

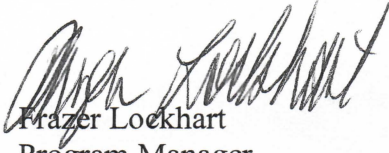
Enclosed is a Class 1 permit modification request requiring approval from the New Mexico Environment Department's Hazardous Waste Bureau (NMED-HWB) to modify the Los Alamos National Laboratory (LANL) Hazardous Waste Facility Permit (the Permit) issued to the U.S. Department of Energy (DOE); Triad National Security, LLC; and Newport News Nuclear BWXT – Los Alamos, LLC (N3B) (the Permittees).

The Permittees request revision of the Permit's Attachment K, Table K-1, "SWMUs and AOCs Requiring Corrective Action," to add Solid Waste Management Unit (SWMU) 40-003(a) and Area of Concern (AOC) C-06-019 and revision of the Permit's Attachment K, Table K-3, "SWMUs and AOCs Corrective Action Complete Without Controls," to remove AOC C-06-019. The Permittees' Class 1 permit modification request consists of this letter and an enclosure containing a description of the proposed permit modification; Attachment 1 to the enclosure with redline edits of Attachment K, Tables K-1 and K-3, of the Permit; and Attachment 2, a signed certification page. Three hardcopies with electronic files of the enclosure are provided.

Upon approval by NMED-HWB, a notification of this permit modification will be sent to the NMED-HWB-maintained LANL facility mailing list in accordance with 40 Code of Federal Regulations 270.42(a)(1)(ii) within 90 days of approval of this permit modification request.

If you have comments or questions regarding this permit modification request, please contact Emily Day at (505) 695-4243 (emily.day@em-la.doe.gov) or Cheryl Rodriguez at (505) 665-5330 (cheryl.rodriguez@em.doe.gov).

Sincerely,



Frazer Lockhart
Program Manager
Regulatory and Stakeholder Interface
N3B – Los Alamos

Sincerely,



Arturo Q. Duran, Compliance and Permitting Manager
Office of Quality and Regulatory Compliance
Environmental Management
Los Alamos Field Office

FL/AD/ED/CR:ss

Enclosure(s): Three hard copies with electronic files – Class 1 Permit Modification Request to Add Solid Waste Management Unit 40-003(a) and Area of Concern C-06-019 to Table K-1, Attachment K, and to remove Area of Concern C-06-019 from Table K-3, Attachment K, of the Los Alamos National Laboratory Hazardous Waste Facility Permit, EPA ID No. NM0890010515 (EM2018-0151)

Cy: (letter and enclosure[s] emailed)
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ENCLOSURE 1

Class 1 Permit Modification Request to
Add Solid Waste Management Unit 40-003(a) and
Area of Concern C-06-019 to Table K-1, Attachment K, and to
Remove Area of Concern C-06-019 from Table K-3, Attachment K,
of the Los Alamos National Laboratory Hazardous Waste Facility
Permit, EPA ID No. NM0890010515

EM2018-0151

**Class 1 Permit Modification Request to
Add Solid Waste Management Unit 40-003(a) and Area of Concern C-06-019 to Table K-1,
Attachment K, and to Remove Area of Concern C-06-019 from Table K-3, Attachment K, of the
Los Alamos National Laboratory Hazardous Waste Facility Permit, EPA ID No. NM0890010515**

This document is a Class 1 permit modification request for the Los Alamos National Laboratory (LANL) Hazardous Waste Facility Permit (the Permit) issued by the New Mexico Environment Department–Hazardous Waste Bureau (NMED-HWB) to the U.S. Department of Energy (DOE); Triad National Security, LLC; and Newport News Nuclear BWXT – Los Alamos, LLC (N3B). The U.S. Environmental Protection Agency facility ID is NM0890010515. This Class 1 permit modification request has been prepared in accordance with 40 Code of Federal Regulations (CFR) 270.42. This permit modification request has been drafted for review and approval by NMED-HWB pursuant to 20 New Mexico Administrative Code (NMAC) 4.1.900, incorporating 40 CFR 270.42.

Proposed Permit Modification Summary

The Permittees are requesting to revise Table K-1 of the Permit Attachment K, “Listing of SWMUs and AOCs,” to add a known solid waste management unit (SWMU) and a known area of concern (AOC). SWMU 40-003(a) is a known SWMU in the Starmer/Upper Pajarito Canyon Aggregate Area; however, it is not included in Table K-1, “SWMUs and AOCs Requiring Corrective Action.” AOC C-06-019, a known AOC in the Twomile Canyon Aggregate Area, is currently listed in Table K-3, “SWMUs and AOCs Corrective Action Complete Without Controls.” The site will be investigated as part of the Twomile Canyon Aggregate Area Investigation. Therefore, the Permittees request the permit be modified to remove AOC C-06-019 from Table K-3 and add AOC C-06-019 to Table K-1. Both changes correct long-standing oversights and place these two sites in the correct table within the Hazardous Waste Permit.

Rationale for Proposed Modification

SWMU 40-003(a) Scrap Burn Site/Open Detonation

SWMU 40-003(a) consists of two former detonation areas located at Technical Area 40 (TA-40) (Figure 1). The first area was located 450 ft east of structure 40-15. The detonation area is roughly circular and approximately 30 ft in diameter. Use of the area began in the early 1950s, and detonations were remotely controlled from structure 40-15. In 1958, several instances occurred where intact detonators and pieces of high explosives (HE) were discharged during detonations (LANL 2011). Efforts to recover all the scattered detonators and HE were unsuccessful (Anderson and Tucker 1959). Detonation activities at this first location ceased in the early 1960s when a second open-detonation area was developed at a location farther to the east.

The second area is approximately 1300 ft east of structure 40-15, within a natural amphitheater at the end of an unnamed dirt road (LANL 2011). At the second area, scrap explosive materials were detonated and controlled remotely from structure 40-15. The detonation area is approximately 90 ft (east-west) by 110 ft (north-south) (LANL 2011). After each detonation, scattered debris was picked up and transported to an appropriate waste disposal site. Rock rubble and crushed tuff that sloughed from the amphitheater wall were pushed to the south, creating an area of fill that extended nearly to the edge of Pajarito Canyon (LANL 1991). The second detonation area was later operated under Resource Conservation and Recovery Act (RCRA) interim status. All detonation operations ceased in 1985 (LANL 1991). The interim status open-detonation area underwent RCRA closure from 1992 to 1994 (IT Corporation 1995). The

closure report was approved by the New Mexico Environment Department (NMED) in August 1995 (NMED 1995).

The 1990 SWMU report (LANL 1990) and the Operable Unit (OU) 1111 RCRA facility investigation (RFI) work plan (LANL 1993) both describe SWMU 40-003(a) as being located 450 ft east of structure 40-15 and mistakenly state that a RCRA closure plan was being developed for the site. Both documents mistakenly identify the location 450 ft east of structure 40-15 as undergoing RCRA closure. The 1991 Final Closure Plan (LANL 1991) was developed for the second detonation area located 1300 ft east of structure 40-15 and specifically states that the first detonation area located 450 ft east of structure 40-15 would not be addressed under RCRA closure. The first detonation area was omitted from the closure because its period of use occurred before RCRA regulation (LANL 2011).

SWMU 40-003(a) is included in the March 2011 "Investigation Work Plan for Starmer/Upper Pajarito Canyon Aggregate Area, Revision 1" (LANL 2011), submitted to NMED under the Compliance Order on Consent (Consent Order). Both former detonation sites associated with SWMU 40-003(a) will be investigated as part of the future Starmer/Upper Pajarito Canyon Aggregate Area investigation.

AOC C-06-019 Soil Contamination from Former Building 06-38

AOC C-06-019 is the former location of a generator building (06-38) located north of the concrete bowl firing site (Figure 2). Engineering records show that this building was a wood-frame structure open on one end. The building was 10 ft × 20 ft × 10 ft high with an earthen floor. Use of building 06-38 ceased in December 1959, and it was destroyed by burning in January 1960 (LANL 2010a).

AOC C-06-019 is included in the May 2010 "Investigation Work Plan for Twomile Canyon Aggregate Area, Revision 1" (LANL 2010b), submitted to NMED under the Consent Order. AOC C-06-019 will be investigated as part of the future Twomile Canyon Aggregate Area investigation.

Discussion of Changes

Currently, SWMU 40-003(a) is not listed in Attachment K. This permit modification request will add SWMU 40-003(a) to Attachment K, Table K-1, "SWMUs and AOCs Requiring Corrective Action."

Currently, AOC C-06-019 is listed in Attachment K, Table K-3, "SWMUs and AOCs Corrective Action Complete Without Controls." This permit modification request will remove AOC C-06-019 from Table K-3, Attachment K and add it to Table K-1, Attachment K.

References

- Anderson, J.C., and J.L. Tucker, November 18, 1959. "Comments Concerning Scrap Disposal at the Pit East of DF-15," Los Alamos Scientific Laboratory memorandum to R.L. Spaulding (GMX-7) from J.C. Anderson and J.L. Tucker, Los Alamos, New Mexico. (Anderson and Tucker 1959)
- IT Corporation (International Technology Corporation), March 1995. "Closure Certification Report for the Technical Area 40 Scrap Detonation Site (Condensed)," report prepared for Los Alamos National Laboratory, Los Alamos, New Mexico. (IT Corporation 1995)
- LANL (Los Alamos National Laboratory), November 1990. "Solid Waste Management Units Report," Vol. III of IV (TA-26 through TA-50), Los Alamos National Laboratory document LA-UR-90-3400, Los Alamos, New Mexico. (LANL 1990)
- LANL (Los Alamos National Laboratory), July 1991. "Final Closure Plan, TA-40 Scrap Detonation Site, Revision 1," Los Alamos National Laboratory document LA-UR-91-2399, Los Alamos, New Mexico. (LANL 1991)
- LANL (Los Alamos National Laboratory), August 1993. "RFI Work Plan for Operable Unit 1111," Los Alamos National Laboratory document LA-UR-93-2166, Los Alamos, New Mexico. (LANL 1993)
- LANL (Los Alamos National Laboratory), January 2010. "Historical Investigation Report for Twomile Canyon Aggregate Area," Los Alamos National Laboratory document LA-UR-10-0386, Los Alamos, New Mexico. (LANL 2010a)
- LANL (Los Alamos National Laboratory), May 2010. "Investigation Work Plan for Twomile Canyon Aggregate Area, Revision 1," Los Alamos National Laboratory document LA-UR-10-2899, Los Alamos, New Mexico. (LANL 2010b)
- LANL (Los Alamos National Laboratory), March 2011. "Investigation Work Plan for Starmer/Upper Pajarito Canyon Aggregate Area, Revision 1," Los Alamos National Laboratory document LA-UR-11-1821, Los Alamos, New Mexico. (LANL 2011)
- NMED (New Mexico Environment Department), August 24, 1995. "Approval of TA-40 Scrap Detonation Site Final Closure," New Mexico Environment Department letter to L. Kirkman (DOE-LAAO) from E. Kelley (NMED-HRMB), Santa Fe, New Mexico. (NMED 2005)

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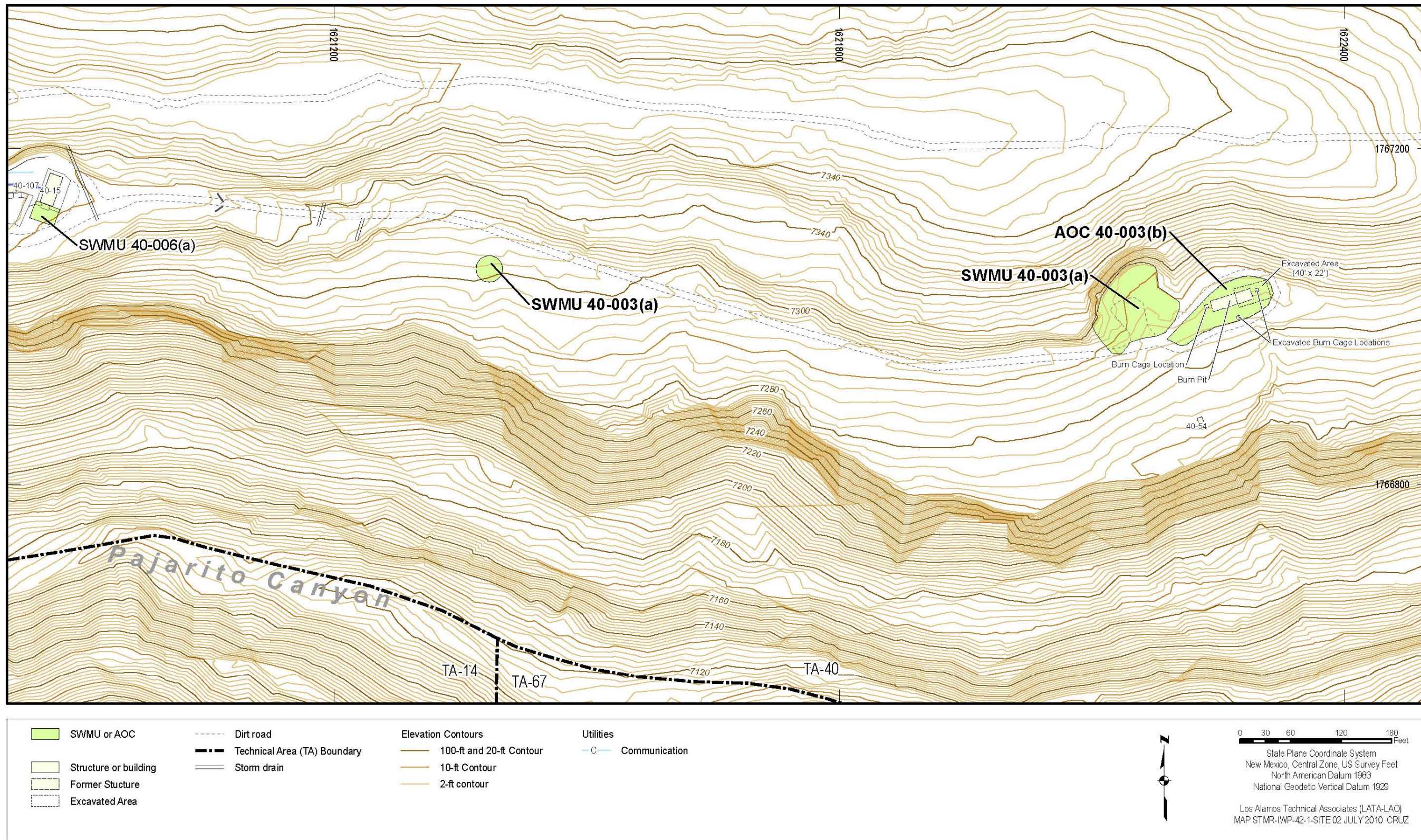


Figure 1 Location of SWMU 40-003(a) at LANL TA-40

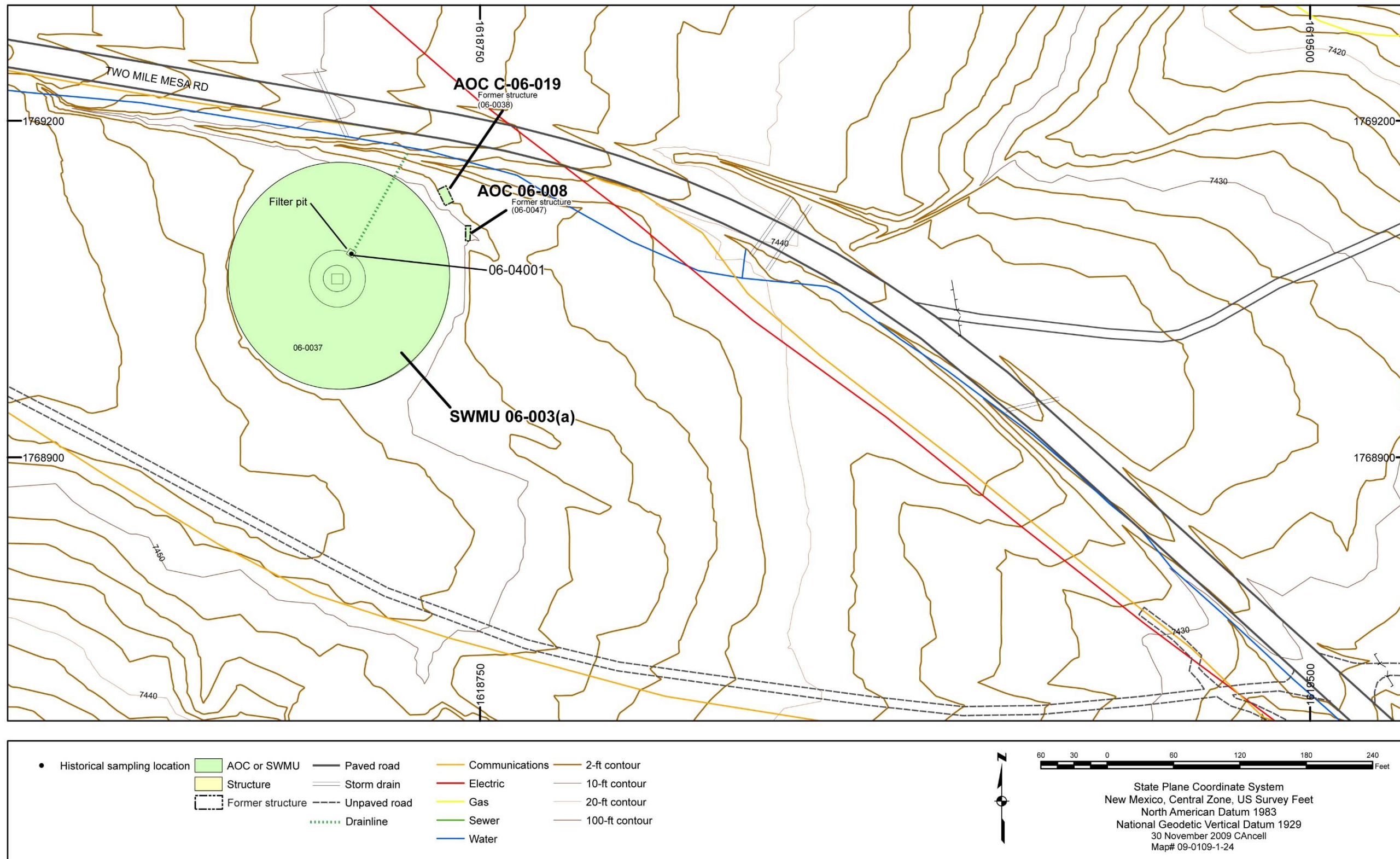


Figure 2 Location of AOC C-06-019 at LANL in the Twomile Canyon Aggregate Area

Attachment 1

Redline of Hazardous Waste Facility Permit, Attachment K,
Tables K-1 and K-3

ATTACHMENT K
LISTING OF SWMUS AND AOCS

Table K-1
SWMUs and AOCs Requiring Corrective Action

Table K-1
SWMUs and AOCs Requiring Corrective Action

SWMU/AOC	Unit #	Unit Type
TA-0		
SWMU	00-001	Sediment traps in Mortandad Canyon
SWMU	00-011(a)	Former Mortar impact area
SWMU	00-011(c)	Mortar impact area
SWMU	00-011(d)	Mortar impact area
SWMU	00-011(e)	Mortar impact area
AOC	00-015	Firing Range-Rendija Canyon
SWMU	00-017	Waste lines
SWMU	00-018(a)	Former Sludge bed wastewater treatment plant, Pueblo Canyon
AOC	00-018(b)	Sludge-Bed Wastewater Treatment Plant
SWMU	00-019	Former Wastewater treatment plant, central
AOC	00-027	Storage Area-DP Road
SWMU	00-030(a)	Former Septic Tank
SWMU	00-030(b)	Septic Tanks
AOC	00-030(d)	Septic Tank
AOC	00-030(eN)	Septic Tanks
AOC	00-030(eS)	Septic Tank
AOC	00-030(f)	Septic Tank
SWMU	00-030(g)	Former Septic tank (near old Catholic Church parking lot)
AOC	00-030(h)	Former Septic tank (near new Catholic Church)
AOC	00-030(j)	Septic Tank
SWMU	00-030(l)	Septic Tank
SWMU	00-030(m)	Former Septic Tank
AOC	00-030(n)	Former Septic Tank
AOC	00-030(o)	Septic Tank
AOC	00-030(p)	Septic Tank
AOC	00-031(a)	Soil Contamination from former Service Station
AOC	00-031(b)	Soil Contamination from former motor pool facility
SWMU	00-033(a)	Soil contamination from former UST, 6 th Street Warehouses
AOC	00-034(b)	Landfill, western area
SWMU	00-039	Soil contamination from former USTs
AOC	C-00-001	Guaje Canyon
AOC	C-00-002	Rendija Canyon
AOC	C-00-003	Barrancas Canyon
AOC	C-00-004	Bayo Canyon
AOC	C-00-005	Pueblo Canyon
AOC	C-00-006	Los Alamos Canyon
AOC	C-00-007	Sandia Canyon
AOC	C-00-008	Mortandad Canyon
AOC	C-00-009	Canada del Buey Canyon
AOC	C-00-010	TwoMile Canyon

Table K-1
SWMUs and AOCs Requiring Corrective Action

AOC	C-00-011	Pajarito Canyon
AOC	C-00-012	Three Mile Canyon
AOC	C-00-013	Potrillo Canyon
AOC	C-00-014	Canon de Valle Canyon
AOC	C-00-015	Fence Canyon
AOC	C-00-016	Water Canyon
AOC	C-00-017	Indio Canyon
AOC	C-00-018	Ancho Canyon
AOC	C-00-019	Chaquehui Canyon
AOC	C-00-020	Mortar impact area
AOC	C-00-021	DP Canyon
AOC	C-00-037	Landfill, Bandelier, NM
AOC	C-00-038	Surface Disposal, Bandelier, NM
AOC	C-00-041	Asphalt and tar remnant site
AOC	C-00-042	Former Underground Storage Tank
AOC	C-00-043	Former Manhole
AOC	C-00-044	Soil contamination
TA-1		
SWMU	01-001(a)	Septic Tank 134
SWMU	01-001(b)	Septic Tank 135
SWMU	01-001(c)	Septic Tank 137
SWMU	01-001(d1)	Soil contamination from Septic Tank 138
SWMU	01-001(d2)	Soil contamination from Septic Tank 138
SWMU	01-001(d3)	Soil contamination from Septic Tank 138
SWMU	01-001(e)	Septic Tank 139
SWMU	01-001(f)	Septic Tank 140(hillside)
SWMU	01-001(g)	Septic Tank 141
SWMU	01-001(o)	Waste Line
SWMU	01-001(s1)	Waste Line
SWMU	01-001(s2)	Waste Line
SWMU	01-001(s3)	Waste Line
SWMU	01-001(t)	Waste Line
SWMU	01-001(u)	Waste Lines
SWMU	01-002(a1)-00	Waste Lines
SWMU	01-002(a2)-00	Waste Lines
SWMU	01-002(b)-00	Outfall associated with TA-01 (Located in former TA-45)
SWMU	01-003(a)	Landfill
AOC	01-003(b1)	Surface Disposal Site
AOC	01-003(b2)	Surface Disposal Site
AOC	01-003(c)	Surface Disposal Site
SWMU	01-003(d)	Surface Disposal Site
SWMU	01-003(e)	Surface Disposal Site
SWMU	01-006(a)	Drainline and Outfall

Table K-1
SWMUs and AOCs Requiring Corrective Action

SWMU	01-006(b)	Drainline and Outfall
SWMU	01-006(c)	Drainlines and Outfall
SWMU	01-006(d)	Drainline and Outfall
AOC	01-006(e)	Drainlines and Outfall
AOC	01-006(g)	Storm drains and outfalls
SWMU	01-006(h1)	Storm drain and outfall
SWMU	01-006(h2)	Storm drain and outfall
SWMU	01-006(h3)	Storm drain and outfall
SWMU	01-006(n)	Storm drain and outfall
SWMU	01-006(o)	Storm drains and outfalls
SWMU	01-007(a)	Soil contamination associated with TA-1 Buildings and Structures
SWMU	01-007(b)	Soil contamination associated with TA-1 Buildings and Structures
SWMU	01-007(c)	Soil contamination associated with TA-1 Buildings and Structures
SWMU	01-007(d)	Soil contamination associated with TA-1 Buildings and Structures
SWMU	01-007(e)	Soil contamination associated with TA-1 Buildings and Structures
SWMU	01-007(j)	Soil contamination associated with TA-1 Buildings and Structures
AOC	01-007(k)	Soil Contamination Area
SWMU	01-007(l)	Soil contamination associated with TA-1 Buildings and Structures
TA-2		
AOC	02-003(a)	Soil contamination associated with former valve house and gaseous effluent line
AOC	02-003(b)	Soil contamination associated with former condensate trap
AOC	02-003(c)	Soil contamination associated with former delay system
AOC	02-003(d)	Soil contamination associated with former gaseous effluent line
AOC	02-003(e)	Soil contamination associated with former holding tank (near water boiler reactor)
AOC	02-004(a)	Former Omega West reactor facility
AOC	02-004(b)	Former Reactor facility effluent storage tank TA-2-54
AOC	02-004(c)	Former Reactor facility effluent storage tank TA-2-55
AOC	02-004(d)	Former Reactor facility effluent storage tank TA-2-56
AOC	02-004(e)	Former Reactor facility acid pit TA-2-53
AOC	02-004(f)	Former Reactor facility equipment building
AOC	02-004(g)	Soil contamination associated with former aboveground tank
SWMU	02-005	Soil contamination from Drift loss, cooling tower blowdown
SWMU	02-006(a)	Former French drain
SWMU	02-006(b)	Former Acid waste line
AOC	02-006(c)	Former Drainline
AOC	02-006(d)	Drainline
AOC	02-006(e)	Former sump
SWMU	02-007	Soil contamination from former septic system
SWMU	02-008(a)	Outfall from Structure 02-49
AOC	02-008(c)	Outfall from Building 2-1
SWMU	02-009(a)	Soil contamination associated with former water boiler reactor

Table K-1

SWMUs and AOCs Requiring Corrective Action

SWMU	02-009(b)	Soil contamination associated with former water boiler reactor
SWMU	02-009(c)	Soil contamination associated with condensate trap and leach field
AOC	02-009(d)	Soil contamination
AOC	02-009(e)	Soil contamination (duplicate of SWMU 02-009(c))
AOC	02-010	Soil contamination associated with former chemical stack 2-3
AOC	02-011(a)	Storm drains associated with former Building 2-1
AOC	02-011(b)	Former drains
AOC	02-011(c)	Storm drain
AOC	02-011(d)	Outfall from Building 2-44
AOC	02-011(e)	Outfall from Structure 2-49 (duplicate of 02-008(a))
AOC	02-012	Soil contamination from former underground tanks
SWMU	02-014	Soil contamination associated with former transformer sites
TA-3		
AOC	03-001(e)	Storage Area
AOC	03-001(i)	Storage Area
SWMU	03-001(k)	-Storage Area
SWMU	03-002(c)	Storage area
SWMU	03-003(a)	Storage area
SWMU	03-003(b)	Storage area
SWMU	03-003(c)	Storage Area
AOC	03-003(d)	Storage area
AOC	03-003(e)	Storage area
AOC	03-003(f)	Storage area
AOC	03-003(g)	-Storage area
AOC	03-003(h)	Storage area
AOC	03-003(i)	Storage area
AOC	03-003(j)	Storage area
AOC	03-003(k)	Storage area
AOC	03-003(l)	Storage area
AOC	03-003(n)	Storage area
AOC	03-003(o)	Storage area
AOC	03-003(p)	Storage area
AOC	03-004(c)	Storage area
AOC	03-004(d)	Storage area
AOC	03-007	Firing site
AOC	03-008(a)	Firing site
SWMU	03-009(a)	Surface disposal site
SWMU	03-009(i)	Surface disposal site
SWMU	03-009(j)	Surface disposal site
SWMU	03-010(a)	Former Vacuum repair shop outfall
SWMU	03-011	Operational release
SWMU	03-012(b)	Operational release

Table K-1
SWMUs and AOCs Requiring Corrective Action

SWMU	03-013(a)	Storm drain
AOC	03-013(b)	Floor Drains
SWMU	03-013(i)	Operational release from former Buildings 3-246 and 3-247
SWMU	03-014(a)	Imhoff tank associated with former WWTP
AOC	03-014(a2)	Drain associated with former WWTP
SWMU	03-014(b)	Dosing siphon associated with former WWTP
AOC	03-014(b2)	Outfall associated with former WWTP
SWMU	03-014(c)	Trickling filter associated with former WWTP
AOC	03-014(c2)	Outfall associated with former WWTP
SWMU	03-014(d)	Clarifying tank associated with former WWTP
SWMU	03-014(e)	Imhoff tank associated with former WWTP
SWMU	03-014(f)	Dosing siphon associated with former WWTP
SWMU	03-014(g)	Trickling filter associated with former WWTP
SWMU	03-014(h)	Clarifying tank associated with former WWTP
SWMU	03-014(i)	Splitter box and bar rack associated with former WWTP
SWMU	03-014(j)	Chlorination system associated with former WWTP
SWMU	03-014(k)	Sludge drying bed associated with former WWTP
SWMU	03-014(l)	Sludge drying bed associated with former WWTP
SWMU	03-014(m)	Sludge drying bed associated with former WWTP
SWMU	03-014(n)	Sludge drying bed associated with former WWTP
SWMU	03-014(o)	Sludge drying bed associated with former WWTP
SWMU	03-014(p)	Lift station associated with former WWTP
SWMU	03-014(q)	Holding tank
SWMU	03-014(r)	Lift station associated with former WWTP
SWMU	03-014(s)	Lift station associated with former WWTP
SWMU	03-014(t)	Lift station associated with former WWTP
SWMU	03-014(u)	Holding tank associated with former WWTP
AOC	03-014(v)	Drain associated with former WWTP
AOC	03-014(w)	Drain associated with former WWTP
AOC	03-014(x)	Drain associated with former WWTP
AOC	03-014(y)	Drain associated with former WWTP
AOC	03-014(z)	Drain associated with former WWTP
SWMU	03-015	Outfall
SWMU	03-021	Outfall from Building 3-170
AOC	03-022	Former Sump
SWMU	03-025(b)	Sumps
AOC	03-025(c)	Oil/water separator
AOC	03-026(a)	Sump
SWMU	03-026(c)	Tanks
SWMU	03-026(d)	Sump
AOC	03-027	Lift Wells
SWMU	03-028	Surface Impoundment
SWMU	03-029	Asphalt Batch Plant (Disposal Area)

Table K-1
SWMUs and AOCs Requiring Corrective Action

SWMU	03-031	Tanks and associated equipment
SWMU	03-033	Former Tanks and Sumps
SWMU	03-034(a)	Tank and/or associated equipment, radioactive liquid waste tanks
SWMU	03-034(b)	Tank and associated equipment
SWMU	03-036(a)	Soil contamination from former aboveground tanks
AOC	03-036(b)	Former aboveground tanks
SWMU	03-036(c)	Soil contamination from former aboveground tank (duplicated of 03-043(f))
SWMU	03-036(d)	Soil contamination from former aboveground tank (duplicated of 03-043(g))
SWMU	03-037	Underground tanks
SWMU	03-038(a)	Soil contamination from former Building 3-700
SWMU	03-038(b)	Soil contamination from former acid tank
AOC	03-038(c)	Waste lines
AOC	03-038(d)	Waste lines
AOC	03-038(f)	Drainline
AOC	03-041	Underground tank
AOC	03-042	Soil contamination from former sump
AOC	03-043(a)	Soil contamination from former aboveground tank
AOC	03-043(b)	Soil contamination from former aboveground tank
SWMU	03-043(c)	Soil contamination from former manhole
AOC	03-043(d)	Soil contamination from former aboveground tank
AOC	03-043(f)	Soil contamination from former aboveground tank
AOC	03-043(g)	Soil contamination from former aboveground tank
AOC	03-043(h)	Soil contamination from former aboveground tank
SWMU	03-045(a)	Outfall from Building 3-22
SWMU	03-045(b)	Operational release
SWMU	03-045(c)	Outfall from structure 3-285
SWMU	03-045(e)	Outfall from Building 3-57
SWMU	03-045(f)	Outfall from Building 3-223
SWMU	03-045(g)	Storm drain
SWMU	03-045(h)	Outfall from cooling tower 3-187
SWMU	03-046	Above ground wastewater treatment tank
AOC	03-047(d)	Soil contamination from former storage area
AOC	03-047(g)	Soil contamination from former storage area
SWMU	03-049(a)	Outfall from cooling tower 3-127 and Building 3-66
SWMU	03-049(b)	Soil contamination from discharge area
SWMU	03-049(e)	Outfall
SWMU	03-050(a)	Soil contamination from TA-3 exhaust emissions
SWMU	03-050(d)	Soil contamination from TA-3 exhaust emissions
SWMU	03-050(f)	Soil contamination from TA-3 exhaust emissions
SWMU	03-050(g)	Soil contamination from TA-3 exhaust emissions
AOC	03-051(a)	Soil contamination from leaking compressor

Table K-1
SWMUs and AOCs Requiring Corrective Action

AOC	03-051(b)	Soil contamination from leaking compressor
AOC	03-051(c)	Soil contamination from vacuum pump leaking
SWMU	03-052(a)	Storm drain
AOC	03-052(b)	Storm drainage
SWMU	03-052(e)	Storm drain
SWMU	03-052(f)	Outfall from Building 3-38
AOC	03-053	Building 3-141 basement area and floor drains
SWMU	03-054(a)	Outfall associated with cooling tower 3-19
SWMU	03-054(b)	Outfall from Building 3-38
SWMU	03-054(c)	Outfall from former cooling tower 3-156
SWMU	03-054(d)	Outfall from Building 3-16
SWMU	03-054(e)	Outfall from Building 3-29
SWMU	03-055(a)	Outfall from Building 3-16
SWMU	03-055(c)	Outfall associated with drains of Fire Station 3-41
SWMU	03-056(a)	Oil Storage Facility
SWMU	03-056(c)	Transformer storage area
SWMU	03-056(d)	Drum storage
AOC	03-056(h)	Storage Area
AOC	03-056(k)	Container storage area
SWMU	03-056(l)	Cotnainer Storage Area
SWMU	03-059	Storage area
AOC	C-03-006	Spill/Non-Intentional Release Area
AOC	C-03-014	Equipment Storage area
AOC	C-03-016	Former Oil metal bin
AOC	C-03-022	Former Kerosene tanker trailer
TA-4		
SWMU	04-001	Firing site
SWMU	04-002	Surface Disposal site
SWMU	04-003(a)	Outfall associated with former Photo-processing Building 4-07
SWMU	04-003(b)	Drainline and outfall from former Building 4-03
AOC	04-004	Soil contamination from former photo-processing Building 4-07
TA-5		
SWMU	05-001(a)	Firing site
SWMU	05-001(b)	Firing site
AOC	05-001(c)	Firing site
SWMU	05-002	Canyon side disposal site
SWMU	05-003	Calibration Chamber
SWMU	05-004	Septic Tank
SWMU	05-005(a)	Soil contamination from former French Drain
SWMU	05-005(b)	Outfall associated with former Building 5-05
SWMU	05-006(b)	Soil Contamination from former Building 5-04
SWMU	05-006(c)	Soil Contamination from former Building 5-05
SWMU	05-006(e)	Soil Contamination from former Building 5-19

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SWMUs and AOCs Requiring Corrective Action

SWMU	05-006(h)	Soil contamination from former Building 5-09
TA-6		
SWMU	06-001(a)	Septic system
SWMU	06-001(b)	Septic system
SWMU	06-002	Septic System
SWMU	06-003(a)	Firing site
SWMU	06-003(c)	Firing site
SWMU	06-003(d)	Firing site
SWMU	06-003(e)	Firing site
SWMU	06-003(f)	Firing site
SWMU	06-003(h)	Firing site
SWMU	06-005	Firing Site
SWMU	06-006	Storage Area
SWMU	06-007(a)	MDA F
SWMU	06-007(b)	Landfill
SWMU	06-007(c)	Landfill
SWMU	06-007(d)	Landfill
SWMU	06-007(e)	Landfill
SWMU	06-007(f)	Surface disposal
SWMU	06-007(g)	Soil contamination from former Building 6-12
AOC	06-008	Soil contamination from former underground storage tank
AOC	C-06-001	Soil contamination from former storage magazine 6-4
AOC	C-06-003	Building TA-6-11 – Control Building for explosive shots
AOC	C-06-005	Soil Contamination from former Building 06-13
<u>AOC</u>	<u>C-06-019</u>	<u>Soil Contamination from former Building 06-38</u>
TA-7		
SWMU	07-001(a)	Firing Site
SWMU	07-001(b)	Firing Site
SWMU	07-001(c)	Firing Site
SWMU	07-001(d)	Firing Site
TA-8		
AOC	08-001(a)	Off-gas system
AOC	08-001(b)	Off-gas system
SWMU	08-002	Firing site
SWMU	08-003(a)	Former septic tank
SWMU	08-004(a)	Floor drain
SWMU	08-004(b)	Drainline
SWMU	08-004(c)	Floor drain and sumps
SWMU	08-004(d)	Drain
SWMU	08-005	Former storage vessel
SWMU	08-006(a)	Material disposal area (MDA) Q
SWMU	08-009(a)	Drainline and outfall
AOC	08-009(c)	Storm drain and outfall from Building 8-23

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SWMUs and AOCs Requiring Corrective Action

SWMU	08-009(d)	Drains
SWMU	08-009(e)	Outfall from Building 8-21
AOC	08-009(f)	Outfall associated with Building 8-22
AOC	C-08-014	Laboratory and Administrative Building 8-21
TA-9		
SWMU	09-001(a)	Soil contamination from firing site and former firing site structure 9-04
SWMU	09-001(b)	Firing Site
SWMU	09-001(c)	Firing site
SWMU	09-001(d)	Firing site
SWMU	09-002	Burn pit
SWMU	09-003(a)	Soil contamination associate with former settling tank
SWMU	09-003(b)	Soil contamination associate with former settling tank
SWMU	09-003(d)	Soil contamination associate with former settling tank
SWMU	09-003(e)	Soil contamination associated with former Basket Pit
SWMU	09-003(g)	Soil contamination associated with former Sump and pipes
SWMU	09-003(h)	Soil contamination associated with former Sump and pipes
SWMU	09-003(i)	Soil Contamination associated with former Sump and Pipes
SWMU	09-004(a)	Settling tank
SWMU	09-004(b)	Settling tank
SWMU	09-004(c)	Settling tank
SWMU	09-004(d)	Settling tank
SWMU	09-004(e)	Settling tank
SWMU	09-004(f)	Settling tank
SWMU	09-004(g)	Settling tank
SWMU	09-004(h)	Settling tank
SWMU	09-004(i)	Settling tank
SWMU	09-004(j)	Settling tank
SWMU	09-004(k)	Settling tank
SWMU	09-004(l)	Settling tank
SWMU	09-004(m)	Settling tank
SWMU	09-004(n)	Settling tank
SWMU	09-004(o)	Settling tank
SWMU	09-005(a)	Soil contamination from former septic tank
SWMU	09-005(d)	Septic Tank
SWMU	09-005(g)	Settling Tank
SWMU	09-006	Soil contamination associated with former septic tank
SWMU	09-008(b)	Ooxidation Pond
SWMU	09-009	Surface impoundment
AOC	09-010(a)	Storage Area
AOC	09-010(b)	Storage Area
AOC	09-011(b)	Storage area
AOC	09-011(c)	Storage area

Table K-1

SWMUs and AOCs Requiring Corrective Action

AOC	09-012	Disposal Pit
SWMU	09-013	Material Disposal Area (MDA) M
AOC	09-014	Soil contamination associated with former Camera Mount
SWMU	C-09-001	Soil contamination associated with outfall
TA-10		
SWMU	10-001(a)	Firing site
SWMU	10-001(b)	Firing site
SWMU	10-001(c)	Firing site
SWMU	10-001(d)	Firing site
SWMU	10-002(a)	Disposal Pit
SWMU	10-002(b)	Disposal Pit
SWMU	10-003(a)	Soil contamination from former disposal pit
SWMU	10-003(b)	Soil contamination from former disposal pit
SWMU	10-003(c)	Soil contamination from former disposal pit
SWMU	10-003(d)	Soil contamination from former disposal pit
SWMU	10-003(e)	Soil contamination from disposal pit
SWMU	10-003(f)	Soil contamination from former disposal pit
SWMU	10-003(g)	Soil contamination from former manhole
SWMU	10-003(h)	Soil contamination from former manhole
SWMU	10-003(i)	Soil contamination from former septic tank
SWMU	10-003(j)	Soil contamination from former tank
SWMU	10-003(k)	Soil contamination from former tank
SWMU	10-003(l)	Soil contamination from former tank
SWMU	10-003(m)	Soil contamination from former waste line
SWMU	10-003(n)	Soil contamination from former leach field
SWMU	10-003(o)	Soil contamination from Decontamination Holes associated with former leach field
SWMU	10-004(a)	Soil contamination from former septic tank
SWMU	10-004(b)	Septic System
SWMU	10-005	Surface disposal
SWMU	10-006	Burn site
SWMU	10-007	Landfill
SWMU	10-008	Tree-rimmed firing point, Bayo Canyon
SWMU	10-009	Former Bayo Canyon Landfill-
AOC	C-10-001	Contaminated soil, Bayo Canyon
TA-11		
SWMU	11-001(a)	Firing site
SWMU	11-001(b)	Firing site
SWMU	11-001(c)	Firing site
SWMU	11-002	Burn Site
AOC	11-003(b)	Air Gun
SWMU	11-004(a)	Drop tower
SWMU	11-004(b)	Concrete Pad

Table K-1
SWMUs and AOCs Requiring Corrective Action

SWMU	11-004(c)	Hoist
SWMU	11-004(d)	Hoist
SWMU	11-004(e)	Drop Pad
AOC	11-004(f)	Drop Pad
SWMU	11-005(a)	Septic system
SWMU	11-005(b)	Septic system
SWMU	11-005(c)	Outfall from former Building 11-2
SWMU	11-006(a)	Sump
SWMU	11-006(b)	Catch Basin System
SWMU	11-006(c)	Catch Basin System
SWMU	11-006(d)	Catch Basin System
SWMU	11-009	Material disposal area (MDA) S
SWMU	11-011(a)	Outfall from Building 11-30
SWMU	11-011(b)	Outfall from Building 11-30A
SWMU	11-011(d)	Outfall from Building 11-24
AOC	11-012(a)	Soil contamination associated with former Structure 11-7
AOC	11-012(b)	Soil contamination associated with former Structure 11-8
AOC	11-012(c)	Soil contamination associated with former Structure 11-9
AOC	11-012(d)	Soil contamination associated with former Structure 11-10
AOC	C-11-001	Soil contamination associated with former Structure 11-5
AOC	C-11-002	Soil contamination associated with former Structure 11-12
TA-12		
SWMU	12-001(a)	Firing site Steel-lined container
SWMU	12-001(b)	Firing site
SWMU	12-002	Burn Site
AOC	12-004(a)	Radiation test facility
AOC	12-004(b)	Pipe
AOC	C-12-001	Soil contamination associated with former Trim Building 12-1
AOC	C-12-002	Soil contamination associated with former Control Building 12-2
AOC	C-12-003	Soil contamination associated with former Storage Building 12-3
AOC	C-12-004	Soil contamination associated with former Generator Building 12-5
AOC	C-12-005	Soil contamination associated with former Junction box 12-6
TA-13		
SWMU	13-001	Firing site
SWMU	13-002	Landfill
SWMU	13-003(a)	Soil contamination from a former septic tank
AOC	13-003(b)	Drain field
SWMU	13-004	Disposal pit - existence not determined
TA-14		
AOC	14-001(a)	Firing site
AOC	14-001(b)	Firing site
AOC	14-001(c)	Firing site

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SWMUs and AOCs Requiring Corrective Action

AOC	14-001(d)	Firing site
AOC	14-001(e)	Firing site
AOC	14-001(f)	Firing site
AOC	14-001(g)	Firing site
SWMU	14-002(a)	Firing site
SWMU	14-002(b)	Firing site
SWMU	14-002(c)	Control Building 14--5
SWMU	14-002(d)	Firing site
SWMU	14-002(e)	Firing site
SWMU	14-002(f)	Soil contamination associated with former Junction Box 14-12
SWMU	14-003	Open burning ground
AOC	14-004(a)	Storage area
SWMU	14-005	Burn Cage for OB/OD unit TA-14-23
SWMU	14-006	Sump and/or associated equipment
SWMU	14-007	Septic system
SWMU	14-009	Surface Disposal Site
SWMU	14-010	Soil contamination from former Sump and Drain lines
AOC	C-14-001	Soil contamination associated with former Magazine 14-1
AOC	C-14-002	Soil contamination associate with former Building 14-3
AOC	C-14-003	Soil contamination associated with former Sturcture 14-4
AOC	C-14-004	Soil contamination associated with former Electronics Shop 14-7
AOC	C-14-005	Soil contamination associated with former Storage Building 14-8
AOC	C-14-006	Soil contamination associated with former Magazine 14-9
AOC	C-14-007	Soil contamination associated with former Storage Building 14-10
AOC	C-14-008	Soil contamination associated with former Magazine 14-11
AOC	C-14-009	Soil contamination associated with former Magazine 14-13
TA-15		
AOC	15-001	Surface disposal Site
SWMU	15-002	Burn Site
SWMU	15-003	Phermex Firing Site (TA-15-184)
SWMU	15-004(a)	Firing Site C
SWMU	15-004(b)	Firing Site A
SWMU	15-004(c)	Firing Site B
AOC	15-004(d)	Firing site C
SWMU	15-004(f)	Firing site E-F
SWMU	15-004(g)	Firing site G
AOC	15-004(h)	Firing site H
SWMU	15-004(i)	The Gulch firing site
AOC	15-005(b)	Container storage area
AOC	15-005(c)	Container storage area (R-41)
SWMU	15-006(a)	Phermex Firing Site (TA-15-184)
SWMU	15-006(b)	Firing Site Ector

Table K-1

SWMUs and AOCs Requiring Corrective Action

SWMU	15-006(c)	Firing site (R-44)
SWMU	15-006(d)	Firing site (R-45)
AOC	15-006(e)	I-J Firing Site at TA-36 , duplicate of C-36-006(e)
SWMU	15-007(a)	Material Disposal Area (MDA) N
SWMU	15-007(b)	Material disposal area (MDA) Z
SWMU	15-007(c)	Shaft
SWMU	15-007(d)	Shaft
SWMU	15-008(a)	Surface Disposal Site (E-F Site)
SWMU	15-008(b)	Surface Disposal Site
SWMU	15-008(c)	Surface Disposal Site
SWMU	15-008(d)	Surface Disposal Site
AOC	15-008(f)	I-J Firing site mounds at TA-36
AOC	15-008(g)	Surface Disposal Site
SWMU	15-009(a)	Former structures - the Hollow
SWMU	15-009(b)	Septic system
SWMU	15-009(c)	Septic system
SWMU	15-009(e)	Septic system
SWMU	15-009(f)	Firing site septic system
SWMU	15-009(g)	Septic system
SWMU	15-009(h)	Septic system
SWMU	15-009(i)	Septic system
SWMU	15-009(k)	Firing site septic system (renumbered from 15-009(l))
SWMU	15-010(a)	Septic system
SWMU	15-010(b)	Septic system
SWMU	15-011(a)	Concrete Trench Drains
SWMU	15-011(b)	Drainage channel
SWMU	15-011(c)	Outfall
SWMU	15-014(a)	Outfalls from Building 15-183
SWMU	15-014(b)	Outfalls from Building 15-183
AOC	15-014(d)	Drainage
AOC	15-014(g)	Outfall from Building 15-203
AOC	15-014(h)	Outfalls from Building 15-40
SWMU	15-014(i)	Outfall from former Building 15-194 (renumbered from 15-012(f))
SWMU	15-014(j)	Outfalls from former Building 15-50 (renumbered from 15-012(g))
SWMU	15-014(k)	Outfalls from former Building 15-20 (renumbered from 15-012(d))
SWMU	15-014(l)	Outfalls from former Building 15-202 (renumbered from 15-012(e))
AOC	C-15-001	Contaminated soil near Firing Site
AOC	C-15-004	Former Transformer Station
AOC	C-15-005	Soil contamination associate with former laboratory and building
AOC	C-15-006	Soil contamination associate with former Building 15-7

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SWMUs and AOCs Requiring Corrective Action

AOC	C-15-007	Non-intentional release area
AOC	C-15-010	Former underground tank
AOC	C-15-011	Former underground tank
TA-16		
SWMU	16-001(a)	Tank
SWMU	16-001(b)	Dry Wells
SWMU	16-001(c)	Tank
SWMU	16-001(d)	Dry well
SWMU	16-001(e)	Dry Well
SWMU	16-003(a)	Sump
SWMU	16-003(b)	Sump
SWMU	16-003(c)	Sump
SWMU	16-003(d)	Sumps
SWMU	16-003(e)	Sumps
SWMU	16-003(f)	Sumps
SWMU	16-003(g)	Sumps
SWMU	16-003(h)	Sump
SWMU	16-003(i)	Sump
SWMU	16-003(j)	Sump
SWMU	16-003(k)	Sumps
SWMU	16-003(l)	Sumps
SWMU	16-003(m)	Sump
SWMU	16-003(n)	Sump
SWMU	16-003(o)	Sumps
AOC	16-003(p)	Sump
AOC	16-003(q)	Sump
SWMU	16-004(a)	Imhoff Tank
SWMU	16-004(b)	Trickling Filter
SWMU	16-004(c)	Tank
SWMU	16-004(d)	Sludge Drying Bed
SWMU	16-004(e)	Screen
SWMU	16-004(f)	Sludge Drying Bed
SWMU	16-005(a)	Septic tank
SWMU	16-005(c)	Soil contamination from former septic tank
SWMU	16-005(d)	Soil contamination from former septic tank
SWMU	16-005(e)	Soil contamination from former septic tank
SWMU	16-005(g)	Soil contamination from former Filter Bed
SWMU	16-005(h)	Soil contamination from former septic tank
SWMU	16-005(j)	Soil contamination from former septic tank
SWMU	16-005(k)	Soil contamination from former septic tank
SWMU	16-005(l)	Grease trap
SWMU	16-005(m)	Soil contamination from former Sump
SWMU	16-005(n)	Soil contamination from former septic tank

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SWMUs and AOCs Requiring Corrective Action

SWMU	16-006(a)	Septic Tank
SWMU	16-006(c)	Septic Tank
SWMU	16-006(d)	Septic Tank
SWMU	16-006(e)	Former Septic Tank
SWMU	16-006(g)	Septic Tank
SWMU	16-006(h)	Pump Pit
SWMU	16-007(a)	Settling Ponds
SWMU	16-008(a)	Settling Pond
SWMU	16-009(a)	Former Burn site
SWMU	16-010(a)	Burn Site
SWMU	16-010(h)	Former Basket-Wash facility
SWMU	16-010(i)	Burn Pad
SWMU	16-010(k)	Former trough
SWMU	16-010(l)	Former trough
SWMU	16-010(m)	Former trough
SWMU	16-010(n)	Former trough
AOC	16-011	Former Incinerator
SWMU	16-013	Container Storage Area
SWMU	16-015(a)	Soil contamination from former Men's locker room and laundry facility
SWMU	16-015(b)	Soil contamination associated with former Steam-washing facility
AOC	16-015(c)	Soil contamination from former Building 16-36
AOC	16-015(d)	Soil contamination from former steam-cleaning Building 16-51
SWMU	16-016(a)	Landfill - buried metal site
SWMU	16-016(b)	Surface Disposal Site
SWMU	16-016(c)	Soil contamination from former Barium Nitrate Storage Area/Pile
SWMU	16-016(d)	Surface disposal site
SWMU	16-016(e)	Surface disposal site
AOC	16-016(f)	Surface Disposal Site
SWMU	16-016(g)	Surface disposal site
SWMU	16-017(a)-99	Soil contamination from former HE Machining Building 16-92
SWMU	16-017(b)-99	Soil contamination from former HE Machining Building 16-93
SWMU	16-017(c)-99	Soil contamination from former HE Machining Building 16-91
SWMU	16-017(d)-99	Soil contamination from former HE Machining Building 16-90
SWMU	16-017(e)-99	Soil contamination from former HE Machining Building 16-89
SWMU	16-017(f)-99	Soil contamination from former HE Machining Building 16-99
SWMU	16-017(g)-99	Former storage magazine
SWMU	16-017(h)-99	Soil contamination from former HE Casting Building 16-27
SWMU	16-017(i)-99	Former storage building
SWMU	16-017(j)-99	Former storage magazine 16-63
SWMU	16-017(k)-99	Former storage magazine 16-78
SWMU	16-017(l)-99	Former storage magazine 16-77
SWMU	16-017(m)-99	Former storage magazine 16-76

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SWMUs and AOCs Requiring Corrective Action

SWMU	16-017(n)-99	Former storage magazine 16-75
SWMU	16-017(o)-99	Former storage magazine 16-59
SWMU	16-017(p)-99	Former storage magazine 16-61
SWMU	16-017(q)-99	Storage Magazine
SWMU	16-017(r)-99	Former Assembly Site/Storage Building 16-520
SWMU	16-017(s)-99	Former Assembly Site/Storage Building 16-519
SWMU	16-017(t)-99	Former Assembly Site/Storage Building 16-516
SWMU	16-017(u)-99	Soil contamination from former Storage and Support Structure 16-164
SWMU	16-017(v)-99	Soil contamination from former HE Processing Building
SWMU	16-017(w)-99	Former Storage Magazine 16-73
SWMU	16-017(x)-99	Soil Contamination from former Storage Magazine 16-79
SWMU	16-019	Material disposal area (MDA) R (includes SWMU 16-009(b))
SWMU	16-020	Outfall from former 16-222
SWMU	16-021(a)	Operational release associated with Building 16-450
AOC	16-021(b)	Operational Release
SWMU	16-021(c)	Outfall associated with Building 16-260
AOC	16-022(a)	Former Underground Storage Tank
AOC	16-022(b)	Former Underground Storage Tank
AOC	16-023(b)	Soil contamination from former Incinerator
AOC	16-024(a)	Soil contamination from former Magazine 16-488
AOC	16-024(b)	Soil contamination from former Magazine 16-74
AOC	16-024(c)	Soil contamination from former Magazine 16-30
AOC	16-024(d)	Soil contamination from former Magazine 16-34
SWMU	16-024(e)	Soil contamination from former Magazine 16-33
AOC	16-024(f)	Soil contamination from former Magazine 16-493
AOC	16-024(g)	Soil contamination from former Magazine 16-494
AOC	16-024(h)	Soil contamination from former Magazine 16-497
AOC	16-024(i)	Soil contamination from former Magazine 16-64
AOC	16-024(j)	Soil contamination from former Magazine 16-65
AOC	16-024(k)	Soil contamination from former Magazine 16-57
AOC	16-024(l)	Soil contamination from former Magazine 16-72
AOC	16-024(m)	Soil contamination from former Magazine 16-66
AOC	16-024(n)	Soil contamination from former Magazine 16-84
AOC	16-024(o)	Soil contamination from former Magazine 16-67
AOC	16-024(p)	Soil contamination from former Magazine 16-70
AOC	16-024(q)	Soil contamination from former Magazine 16-71
AOC	16-024(r)	Soil contamination from former Magazine 16-68
AOC	16-024(s)	Soil contamination from former Magazine 16-60
AOC	16-024(t)	Soil contamination from former Magazine 16-464
AOC	16-024(u)	Soil contamination from former Magazine 16-481
AOC	16-024(v)	Soil contamination from former Magazine 16-62
SWMU	16-025(a)	Soil contamination from former Radiography Building 16-39

Table K-1

SWMUs and AOCs Requiring Corrective Action

SWMU	16-025(a2)	Soil contamination from former HE casting Building 16-50
SWMU	16-025(b)	Soil contamination from former Radiography Building 16-40
SWMU	16-025(b2)	Soil contamination from former HE casting Building 16-52
SWMU	16-025(c2)	Soil contamination from former Building 16-56
SWMU	16-025(d)	Soil contamination from former Equipment and Control Building 16-94
SWMU	16-025(d2)	Soil contamination from former Structure 16-480
SWMU	16-025(e)	Soil contamination from former HE Machining building 16-31
SWMU	16-025(f)	Soil contamination from former HE Machining building 16-32
SWMU	16-025(g)	Soil contamination from former HE machining Building 16-95
SWMU	16-025(h)	Soil contamination from former HE Machining Building 16-96
SWMU	16-025(i)	Soil contamination from former HE Machining Building 16-97
SWMU	16-025(j)	Soil contamination from former HE Machining Building 16-98
SWMU	16-025(k)	Soil contamination from former HE Powder Inspection Building 16-25
SWMU	16-025(l)	Soil contamination from former HE Casting Building 16-26
SWMU	16-025(m)	Soil contamination from former X-ray hutment 16-495
SWMU	16-025(n)	Soil contamination from former X-ray hutment 16-499
SWMU	16-025(o)	Soil contamination from former X-ray hutment 16-500
SWMU	16-025(p)	Soil contamination from former HE processing Building 16-44
SWMU	16-025(q)	Soil contamination from former HE processing Building 16-45
SWMU	16-025(r)	Soil contamination from former Rest House 16-46
SWMU	16-025(s)	Soil contamination from former Radium Source Building 16-48
SWMU	16-025(t)	Soil contamination from former HE equipment casting Building 16-38
SWMU	16-025(u)	Soil contamination from former HE processing Building 16-42
SWMU	16-025(v)	Soil contamination from former HE processing Building 16-81
SWMU	16-025(w)	Soil contamination from former Building 16-81
SWMU	16-025(x)	Soil contamination from former Electroplating Laboratory 16-100
SWMU	16-025(y)	Soil contamination from former HE grinding facility 16-55
SWMU	16-025(z)	Soil contamination from former HE explosives Testing Building 16-37
SWMU	16-026(a)	Outfall from Building 16-370
SWMU	16-026(b)	Outfall from Structure 16-307
SWMU	16-026(b2)	Outfall from Building 16-202
SWMU	16-026(c)	Outfall from Building 16-305 Drain
SWMU	16-026(c2)	Outfall from Building 16-462
SWMU	16-026(d)	Outfall from Building 16-303
SWMU	16-026(e)	Outfall from Structure 16-301
SWMU	16-026(f)	Outfall from Building 16-308
SWMU	16-026(g)	Outfall from Structure 16-280
SWMU	16-026(h2)	Outfall associated with Building 16-360
SWMU	16-026(i)	Outfall from former Building 16-224
SWMU	16-026(j)	Outfall from former Building 16-226

Table K-1

SWMUs and AOCs Requiring Corrective Action

SWMU	16-026(j2)	Outfall from former Building 16-345
SWMU	16-026(k2)	Outfall from former Building 16-260
SWMU	16-026(l)	Outfalls associated with former Building 16-220
SWMU	16-026(m)	Outfall associated with former Building 16-92
SWMU	16-026(n)	Outfall associated with former Building 16-91
SWMU	16-026(o)	Outfall associated with former Building 16-90
SWMU	16-026(p)	Outfall associated with former Building 16-89
SWMU	16-026(q)	Outfall from former Building 16-27
SWMU	16-026(r)	Outfall from Building 16-180 Drain
SWMU	16-026(s)	Outfall from Building 16-5
SWMU	16-026(u)	Outfall from former Building 16-195 Drain
SWMU	16-026(v)	Outfall from Building 16-460
SWMU	16-026(w)	Outfall from former Building 16-45
SWMU	16-026(y)	Outfall from Building 16-411
SWMU	16-026(z)	Outfall from Building 16-306
AOC	16-027(a)	Transformer
AOC	16-027(b)	Transformer
AOC	16-027(c)	Transformer
AOC	16-027(d)	Transformer
SWMU	16-028(a)	Drainage Channel
SWMU	16-028(b)	Outfall from Building 16-370
SWMU	16-028(c)	Outfall from former Building 16-220
SWMU	16-028(d)	Outfall from former Building 16-202
SWMU	16-028(e)	Outfall associated with Building 16-450
SWMU	16-029(a)	Sumps
SWMU	16-029(a2)	Sump
SWMU	16-029(b)	Sumps
SWMU	16-029(b2)	Sump
SWMU	16-029(c)	Sumps
SWMU	16-029(c2)	Sumps
SWMU	16-029(d)	Sumps
SWMU	16-029(d2)	Sumps
SWMU	16-029(e)	Sump
SWMU	16-029(e2)	Sumps
SWMU	16-029(f)	Sump
SWMU	16-029(f2)	Soil contamination from former Sump and Outfall from former Building 16-24
SWMU	16-029(g)	Former Sump
SWMU	16-029(g2)	Pit
SWMU	16-029(h)	Outfall from former Building 16-478
SWMU	16-029(h2)	Soil contamination from former manhole associated with former Buildings 16-95, -96, -97, -98
SWMU	16-029(i)	Sump

Table K-1

SWMUs and AOCs Requiring Corrective Action

SWMU	16-029(j)	Sump
SWMU	16-029(k)	Sumps
SWMU	16-029(l)	Sumps
SWMU	16-029(m)	Soil contamination from former Sump
SWMU	16-029(n)	Soil contamination from former Sump
SWMU	16-029(o)	Soil contamination from former Sump
SWMU	16-029(p)	Soil contamination from former Sump
SWMU	16-029(q)	Former Sump
SWMU	16-029(r)	Outfall from former Building 16-25
SWMU	16-029(s)	Sumps
SWMU	16-029(t)	Sumps
SWMU	16-029(u)	Sumps
SWMU	16-029(v)	Sump
SWMU	16-029(w)	Soil contamination from former Sump
SWMU	16-029(x)	Sump
SWMU	16-029(y)	Sump
SWMU	16-029(z)	Sumps
SWMU	16-030(a)	Outfall from former Building 16-344
SWMU	16-030(c)	Outfall from former Building 16-222
AOC	16-030(d)	Outfall from former Building 16-280
AOC	16-030(g)	Outfall from Building 16-380
SWMU	16-030(h)	Outfalls from Building 16-430
SWMU	16-031(a)	Outfall from cooling tower 16-372
SWMU	16-031(b)	Outfall from former cooling tower 16-262
SWMU	16-031(c)	Outfall associated with former Building 16-515
SWMU	16-031(d)	Outfall from former cooling tower 16-28
SWMU	16-031(e)	Outfall from Building 16-560
SWMU	16-031(f)	Outfall from Building 16-21
SWMU	16-031(h)	Outfall from former Building 16-478
SWMU	16-032(a)	Sumps
SWMU	16-032(c)	Sumps, drainlines, and outfall from former Building 16-26
AOC	16-033(a)	Soil contamination from former Underground tank
AOC	16-033(b)	Soil contamination from former Underground tank
AOC	16-033(c)	Soil contamination from former Underground tank
AOC	16-033(d)	Soil contamination from former Underground tank
AOC	16-033(e)	Underground tanks
AOC	16-033(f)	Soil contamination from former Underground tank
AOC	16-033(g)	Soil contamination from former Underground tank
AOC	16-033(h)	Soil contamination from former Underground tank
AOC	16-033(i)	Soil contamination from former Underground tank
AOC	16-033(j)	Soil contamination from former Underground tank
AOC	16-033(k)	Underground storage tank
SWMU	16-034(a)	Soil contamination from former Laboratory 16-24

Table K-1

SWMUs and AOCs Requiring Corrective Action

SWMU	16-034(b)	Soil contamination from former Building 16-490
SWMU	16-034(c)	Soil contamination from former Storage Hut 16-491
SWMU	16-034(d)	Soil contamination from former Machine Shop 16-492
SWMU	16-034(e)	Soil contamination from former Storage Building 16-496
SWMU	16-034(f)	Soil contamination from former Laboratory 16-498
SWMU	16-034(h)	Soil contamination from former Plumbing and Electrical Shop, 16-137
SWMU	16-034(i)	Soil contamination from former Laboratory 16-141
SWMU	16-034(j)	Soil contamination from former Structure
SWMU	16-034(k)	Soil contamination from former Laboratory 16-140
SWMU	16-034(l)	Soil contamination from former Equipment and Control Building 16-47
SWMU	16-034(m)	Soil contamination from former Laboratory 16-86
SWMU	16-034(n)	Soil contamination from former Laboratory 16-83
SWMU	16-034(o)	Soil contamination from former Laboratory 16-49
SWMU	16-034(p)	Soil contamination from former Laboratory 16-41
SWMU	16-035	Soil contamination from former Control Bunker 16-2 (Renumbered to 16-476)
SWMU	16-036	Soil contamination from Battleship Bunkers 16-477 and -478
AOC	16-037	Aboveground Tank – Existence not verified
AOC	C-16-001	Building (former Platform)
AOC	C-16-002	Soil contamination from former Cooling Tower 16-262
AOC	C-16-005	Soil contamination from former HE Processing Building 16-53
AOC	C-16-006	Soil contamination from former Solvent Storage Building 16-148
AOC	C-16-008	Soil contamination associated with former Structure 16-136
AOC	C-16-009	Soil contamination associated with former Building 16-134
AOC	C-16-010	Soil contamination associated with former Building 16-135
AOC	C-16-011	Soil contamination from former Paint Shop TA-16-132
AOC	C-16-012	Soil contamination associated with former Building 16-138
AOC	C-16-013	Soil contamination associated with former Storage Area
AOC	C-16-014	Soil contamination associated with former Structure 16-144
AOC	C-16-015	Soil contamination associated with former Structure 16-143
AOC	C-16-016	Soil contamination associated with former Structure 16-142
AOC	C-16-017	Soil contamination associated with former Structure 16-502
AOC	C-16-018	Soil contamination associated with former Aboveground Tank
AOC	C-16-019	Soil contamination associated with former Structure 16-19
AOC	C-16-020	Soil contamination associated with former Structure 16-22
SWMU	C-16-025	Soil contamination associated with former Structure 16-8
SWMU	C-16-026	Soil contamination associated with former Structure 16-6
AOC	C-16-028	Soil contamination from Instrument Shop 16-5
AOC	C-16-030	Soil contamination associated with former Tank Housing 16-181
AOC	C-16-031	Soil contamination associated with former Diesel Unit Building 16-182
AOC	C-16-034	Soil contamination associated with Aboveground Tank

Table K-1
SWMUs and AOCs Requiring Corrective Action

AOC	C-16-035	Soil contamination associated with Aboveground Tank
AOC	C-16-036	Soil contamination associated with former Septic System
AOC	C-16-041	Soil contamination associated with former Building 16-198
AOC	C-16-044	Soil contamination associated with former Manhole
AOC	C-16-046	Soil contamination associated with former Manhole
AOC	C-16-047	Soil contamination associated with former Transport area
AOC	C-16-049	Soil contamination associated with former Building 16-475
AOC	C-16-050	Soil contamination associated with former Building 16-482
AOC	C-16-051	Soil contamination associated with former Transport area
AOC	C-16-058	Soil contamination associated with former Transport area
AOC	C-16-060	Soil contamination associated with former Storage Structure 16-479
AOC	C-16-061	Soil contamination associated with Building (Former platform)
AOC	C-16-062	Soil contamination associated with former Electrical Manhole
AOC	C-16-063	Soil contamination associated with former Electrical Manhole
AOC	C-16-064	Drum storage area
AOC	C-16-065	Container storage area
AOC	C-16-067	Storage area
AOC	C-16-068	Soil contamination associated with former Building 16-522
AOC	C-16-069	Soil contamination associated with former Trailer 16-87
AOC	C-16-070	Underground tank
AOC	C-16-071	Spill/Non-intentional release area
AOC	C-16-072	Tank – Existence not verified
AOC	C-16-073	Underground Storage Tank
AOC	C-16-074	Storage Area
AOC	C-16-075	Spill location near Building 16-340
AOC	C-16-076	Magazine Area A (former TA-28)
AOC	C-16-077	Magazine Area B (former TA-29)
TA-18		
SWMU	18-001(a)	Lagoons
SWMU	18-001(b)	Drainlines
SWMU	18-001(c)	Sump
SWMU	18-002(a)	Firing site
SWMU	18-002(b)	Firing site
AOC	18-002(c)	Former Drop Tower
SWMU	18-003(a)	Settling Pit
SWMU	18-003(b)	Septic System
SWMU	18-003(c)	Septic system
SWMU	18-003(d)	Septic system
SWMU	18-003(e)	Septic system
SWMU	18-003(f)	Septic system
SWMU	18-003(g)	Septic system
SWMU	18-003(h)	Septic system

Table K-1
SWMUs and AOCs Requiring Corrective Action

SWMU	18-004(a)	Waste line
SWMU	18-004(b)	Soil contamination from former Tanks and Pit
SWMU	18-005(a)	Contaminated soil from former magazine 18-15
AOC	18-006	Storage Pipe
AOC	18-008	Former Underground tank
AOC	18-010(b)	Outfall
AOC	18-010(c)	Outfall
AOC	18-010(d)	Outfall
AOC	18-010(e)	Outfall
AOC	18-010(f)	Outfall from Building 18-32
AOC	18-011	Soil contamination from former Building 18-22
SWMU	18-012(a)	Outfall from Building 18-116
SWMU	18-012(b)	Outfall from Buildings 18-30 and -31
AOC	18-012(c)	Sump and drainlines
AOC	18-013	Waste Tank
TA-19		
SWMU	19-001	Septic System
SWMU	19-002	Surface Disposal Site
SWMU	19-003	Drainline and Outfall Associated with former Building 19-05
TA-20		
SWMU	20-001(a)	Landfill
SWMU	20-001(b)	Landfill
SWMU	20-001(c)	Firing Site
SWMU	20-002(a)	Firing Site
SWMU	20-002(b)	Landfill
SWMU	20-002(c)	Firing site
SWMU	20-002(d)	Firing site
AOC	20-003(b)	Firing site
AOC	20-003(c)	Firing site
AOC	20-004	Former Septic system
SWMU	20-005	Septic tank
TA-21		
AOC	21-001	Container Storage Area
SWMU	21-002(a)	Container Storage Area
AOC	21-002(b)	Container Storage
SWMU	21-003	Container Storage Area
AOC	21-004(a)	Aboveground tank
SWMU	21-004(b)	Aboveground tank
SWMU	21-004(c)	Aboveground tank
SWMU	21-006(a)	Underground Seepage Pit
SWMU	21-006(b)	Underground Seepage pit
SWMU	21-006(c)	Underground Seepage pit
SWMU	21-006(d)	Underground Seepage pit

Table K-1
SWMUs and AOCs Requiring Corrective Action

SWMU	21-006(e)	Underground Seepage pit
AOC	21-006(f)	Underground Seepage pit
SWMU	21-007	Soil contamination from former incinerators
AOC	21-009	Soil contamination associated with former Waste treatment laboratory
SWMU	21-010(a)	Soil contamination associated with former Waste treatment facility 21-35
SWMU	21-010(b)	Soil contamination from former manhole
SWMU	21-010(c)	Soil contamination from former Underground Tank
SWMU	21-010(d)	Soil contamination from former Underground Tank
SWMU	21-010(e)	Soil contamination from former Septic Tank
SWMU	21-010(f)	Soil contamination from former Grit Chamber
SWMU	21-010(g)	Soil contamination from former Aboveground Tank
SWMU	21-010(h)	Soil contamination from former Manhole
SWMU	21-011(a)	Waste Treatment Facility 21-257
SWMU	21-011(b)	Sump
SWMU	21-011(c)	Tank and Sump
SWMU	21-011(d)	Holding Tank
SWMU	21-011(e)	Holding Tank
SWMU	21-011(f)	Holding Tank
SWMU	21-011(g)	Holding Tank
AOC	21-011(h)	Soil contamination from former storage tank
SWMU	21-011(i)	Storage Tank
SWMU	21-011(j)	Storage Tank
SWMU	21-011(k)	Outfall from Building 21-257
SWMU	21-012(b)	Dry well
SWMU	21-013(a)	Surface Disposal Site
SWMU	21-013(b)	Surface Disposal Site
SWMU	21-013(c)	Surface disposal site
SWMU	21-013(d)	Surface disposal site
SWMU	21-013(e)	Surface disposal site
AOC	21-013(f)	Surface disposal site
AOC	21-013(g)	Surface disposal site
SWMU	21-014	Material disposal area (MDA) A
SWMU	21-015	Material disposal area (MDA) B
SWMU	21-016(a)	Absorption Beds (MDA T)
SWMU	21-016(b)	Soil contamination from a former Storage Pit (MDA T)
SWMU	21-016(c)	Shafts (MDA T)
SWMU	21-017(a)	Absorption Bed (MDA U)
SWMU	21-017(b)	Absorption Bed (MDA U)
SWMU	21-017(c)	Soil contamination from former distribution box (MDA U)
SWMU	21-018(a)	Absorption Beds (MDA V)
SWMU	21-018(b)	Soil contamination from former Laundry Facility (MDA V)

Table K-1

SWMUs and AOCs Requiring Corrective Action

SWMU	21-021	Soil contamination from Stack Emissions
SWMU	21-022(a)	Sump and waste lines
SWMU	21-022(b)	Soil contamination from former Sump and Waste line
SWMU	21-022(c)	Soil contamination from former Sump and Waste line
SWMU	21-022(d)	Soil contamination from former Sump and Waste line
SWMU	21-022(e)	Soil contamination from former Sump and Waste line
SWMU	21-022(f)	Sump and Waste line
SWMU	21-022(g)	Soil contamination from former Sump and Waste line
SWMU	21-022(h)	Sump and Waste line
SWMU	21-022(i)	Sump and Waste line
SWMU	21-022(j)	Former Sump and Waste line
SWMU	21-023(a)	Soil contamination from former Septic System
SWMU	21-023(b)	Soil contamination from former Septic System
SWMU	21-023(c)	Septic System
SWMU	21-023(d)	Soil contamination from former Septic System
SWMU	21-024(a)	Septic system
SWMU	21-024(b)	Septic system
SWMU	21-024(c)	Septic system
SWMU	21-024(d)	Septic system
SWMU	21-024(e)	Septic system
SWMU	21-024(f)	Former Septic system
SWMU	21-024(g)	Septic system
SWMU	21-024(h)	Septic system
SWMU	21-024(i)	Former Septic system
SWMU	21-024(j)	Septic system
SWMU	21-024(k)	Septic system
SWMU	21-024(l)	Outfall from Building 21-21
SWMU	21-024(n)	Drainline
SWMU	21-024(o)	Drainline
SWMU	21-026(a)	Sewage treatment plant
SWMU	21-026(b)	Sand Filter/Sludge drying beds
AOC	21-026(c)	Dosing Siphon Chamber
AOC	21-026(d)	Outfall from Building 21-227
SWMU	21-027(a)	Drainage System
SWMU	21-027(c)	Outfall from former Building 21-6
SWMU	21-027(d)	Soil contamination from former drainline
AOC	21-028(a)	Container storage Area
AOC	21-028(c)	Container Storage Area
AOC	21-028(d)	Container Storage Area
SWMU	21-029	Former DP Tank Farm
AOC	C-21-001	Spill/Non-intentional release area
AOC	C-21-005	Spill/Non-intentional release area
AOC	C-21-006	Spill/Non-intentional release area

Table K-1
SWMUs and AOCs Requiring Corrective Action

AOC	C-21-007	Spill/Non-intentional release area
AOC	C-21-009	Spill/Non-intentional release area
AOC	C-21-012	Spill/Non-intentional release area
AOC	C-21-027	Former structure 21-143
AOC	C-21-033	Spill/Non-intentional release area
AOC	C-21-034	Soil contamination associated with former Tank
AOC	C-21-035	Soil contamination associated with former Aboveground tank
AOC	C-21-036	Soil contamination associated with former Aboveground tank
AOC	C-21-037	Soil contamination associated with former Aboveground tank
TA-22		
SWMU	22-010(a)	Septic system
SWMU	22-010(b)	Septic system
SWMU	22-011	Disposal pit
SWMU	22-012	Decontamination pad
SWMU	22-014(a)	Sump System
SWMU	22-014(b)	Sump System
SWMU	22-015(a)	Drainlines and Dry Wells
SWMU	22-015(b)	Sump and outfall
SWMU	22-015(c)	Outfall from Building 22-52
SWMU	22-015(d)	Drainline and outfall associated with Building 22-1
SWMU	22-015(e)	Sump
SWMU	22-016	Septic system
TA-26		
SWMU	26-001	Surface disposal site
SWMU	26-002(a)	Soil contamination from former acid sump system
SWMU	26-002(b)	Drainline associated with Vault 26-1
SWMU	26-003	Septic tank
TA-27		
SWMU	27-002	Firing sites
SWMU	27-003	Bazooka impact area (Same as AOC 36-009)
TA-31		
SWMU	31-001	Soil Contamination from former Septic Tank
TA-32		
SWMU	32-001	Soil contamination from former Incinerator
SWMU	32-002(a)	Soil contamination from former septic tank
SWMU	32-002(b1)	Soil contamination from former septic tank
SWMU	32-002(b2)	Soil contamination from former septic tank
SWMU	32-003	Former Transformer Station
SWMU	32-004	Drainline and outfall from former Building 32-3
TA-33		
SWMU	33-001(a)	Disposal Pit (MDA E)
SWMU	33-001(b)	Disposal Pit (MDA E)

Table K-1
SWMUs and AOCs Requiring Corrective Action

SWMU	33-001(c)	Disposal Pit (MDA E)
SWMU	33-001(d)	Disposal Pit (MDA E)
SWMU	33-001(e)	Soil contamination from underground chamber and shaft (MDA E)
SWMU	33-002(a)	Septic System (MDA K)
SWMU	33-002(b)	Sump (MDA K)
SWMU	33-002(c)	Sump (MDA K)
SWMU	33-002(d)	Drainline and outfall from former Building 33-86 (MDA K)
SWMU	33-002(e)	Drainline and outfall from former Building 33-86 (MDA K)
SWMU	33-003(a)	Soil contamination from former underground chamber and shaft (MDA D)
SWMU	33-003(b)	Soil contamination from former underground chamber and shaft (MDA D)
SWMU	33-004(a)	Septic System
SWMU	33-004(b)	Septic system
SWMU	33-004(c)	Septic system
SWMU	33-004(d)	Septic system
SWMU	33-004(g)	Drainline and outfall associated with Building 33-16
SWMU	33-004(h)	Drainline and outfall associated with Building 33-20
SWMU	33-004(i)	Drainline and outfall associated with Building 33-39
SWMU	33-004(j)	Outfall from Building 33-26
SWMU	33-004(k)	Drainline and Outfall Associated with Structure 33-87
SWMU	33-004(m)	Septic Tank and Leach Field
SWMU	33-005(a)	Soil contamination from former Septic System
SWMU	33-005(b)	Soil Contamination from former Drainline
SWMU	33-005(c)	Soil Contamination from former Waste Line and Leach Field
SWMU	33-006(a)	Firing site
SWMU	33-006(b)	Firing site
SWMU	33-007(a)	Firing site
SWMU	33-007(b)	Firing Sites
SWMU	33-007(c)	Firing Sites
SWMU	33-008(a)	Landfill
SWMU	33-008(b)	Landfill
SWMU	33-008(c)	Landfill
SWMU	33-009	Surface disposal site
SWMU	33-010(a)	Surface disposal site
SWMU	33-010(b)	Surface disposal site
SWMU	33-010(c)	Surface disposal site
SWMU	33-010(d)	Surface disposal site
SWMU	33-010(f)	Surface Disposal Site (MDA K)
SWMU	33-010(g)	Surface disposal site
SWMU	33-010(h)	Surface disposal site
SWMU	33-011(a)	Soil contamination from former Storage Area
AOC	33-011(b)	Storage Area

Table K-1
SWMUs and AOCs Requiring Corrective Action

SWMU	33-011(c)	Storage Area
SWMU	33-011(d)	Storage Area
SWMU	33-011(e)	Storage Area
SWMU	33-012(a)	Drum storage area
SWMU	33-013	Drum storage area
SWMU	33-014	Burn Site
SWMU	33-015	Incinerator
SWMU	33-016	Sump
SWMU	33-017	Operations release
AOC	C-33-001	Former Transformer
AOC	C-33-002	Former Transformer
AOC	C-33-003	Soil contamination
TA-35		
SWMU	35-002	Material disposal area (MDA X)
SWMU	35-003(a)	Former underground storage tank
SWMU	35-003(b)	Former underground storage tank
SWMU	35-003(c)	Former underground storage tank
SWMU	35-003(d)	Soil contamination from former Building 35-10
SWMU	35-003(e)	Soil contamination from former storage tank
SWMU	35-003(f)	Soil contamination from former flocculator tank
SWMU	35-003(g)	Soil contamination from former Regenerate tank
SWMU	35-003(h)	Soil contamination from former Retention tank
SWMU	35-003(j)	Soil contamination from former storage tank
SWMU	35-003(k)	Soil contamination from former storage tank
SWMU	35-003(l)	Soil Contamination from former Pump Pit
SWMU	35-003(m)	Soil contamination from former Sludge tank
SWMU	35-003(n)	Former phase separator pit
SWMU	35-003(o)	Soil contamination from former manhole
SWMU	35-003(p)	Former air-filter building
SWMU	35-003(q)	Soil contamination from former pipe trench
AOC	35-003(r)	Outfall associated with former Building 35-10
AOC	35-003(misc)	Soil contamination from former Industrial Waste lines
SWMU	35-004(a)	Container Storage Area
SWMU	35-004(b)	Container Storage Area
SWMU	35-004(g)	Container Storage Area
SWMU	35-004(h)	Container storage area
AOC	35-004(m)	Container storage area
SWMU	35-008	Surface disposal site
SWMU	35-009(a)	Septic system
SWMU	35-009(b)	Septic system
SWMU	35-009(c)	Septic system
SWMU	35-009(d)	Septic system
SWMU	35-009(e)	Drainline

Table K-1

SWMUs and AOCs Requiring Corrective Action

SWMU	35-010(a)	Wastewater Treatment Lagoons
SWMU	35-010(b)	Wastewater Treatment Lagoons
SWMU	35-010(c)	Wastewater Treatment Lagoons
SWMU	35-010(d)	Filter Beds
AOC	35-010(e)	Discharge headwall and sand filter associated with Structure 35-215 (includes 35-010(misc))
SWMU	35-013(a)	Sumps
SWMU	35-013(b)	Sumps
SWMU	35-013(c)	Sumps
SWMU	35-014(a)	Operational release from former Building 35-7
SWMU	35-014(b)	Soil contamination from leaking drum
AOC	35-014(d)	Soil contamination from Valve system for former storage tanks
SWMU	35-014(e)	Spill/Non-intentional release area
AOC	35-014(e2)	Soil contamination associated with overflows from waste oil impoundment
AOC	35-014(f)	Soil contamination from oil-handling system
SWMU	35-014(g)	Spill/Non-intentional release area
AOC	35-014(g2)	Soil contamination from former leaking containers
AOC	35-014(g3)	Spill/Non-intentional release area
SWMU	35-015(a)	Soil contamination from former tank farm and waste-oil treatment facility
SWMU	35-015(b)	Soil contamination from former waste oil treatment facility
SWMU	35-016(a)	Drain and outfall from Building 35-34
AOC	35-016(b)	Drain and Outfall from Building 35-87
SWMU	35-016(c)	Drain and Outfall from Building 35-67
SWMU	35-016(d)	Drain and Outfall from Building 35-46
AOC	35-016(e)	Drain and Outfall from Building 35-85
AOC	35-016(f)	Storm drain and Outfall
AOC	35-016(g)	Drain and Outfall from Building 35-213
AOC	35-016(h)	Storm drains and Outfall associated with Building 35-213
SWMU	35-016(i)	Storm drains and Outfall
AOC	35-016(j)	Storm drain and Outfall associated with Building 35-125
SWMU	35-016(k)	Drainline and outfall from Building 35-29
AOC	35-016(l)	Storm drains
SWMU	35-016(m)	Drain lines and Outfall associated with Cooling Tower 35-33
AOC	35-016(n)	Storm drain and Outfall associated with Building 35-86
SWMU	35-016(o)	Storm Drains and outfalls
SWMU	35-016(p)	Outfall from Building 35-27
SWMU	35-016(q)	Storm waster collection basins
AOC	35-018(a)	Former Transformer
AOC	C-35-007	Soil contamination associated with WWTP/Sand Filters
TA-36		
SWMU	36-001	Material disposal area (MDA) AA
SWMU	36-002	Former Sump

Table K-1

SWMUs and AOCs Requiring Corrective Action

SWMU	36-003(a)	Septic system
SWMU	36-003(b)	Septic system, I-J Site
AOC	36-004(a)	Firing site
AOC	36-004(b)	Firing site
AOC	36-004(c)	Firing site
SWMU	36-004(d)	Firing site
AOC	36-004(e)	Firing site
SWMU	36-005	Surface Storage Area
SWMU	36-006	Surface Disposal Site
SWMU	36-008	New SWMU-Surface disposal Area located near Building 36-1
AOC	C-36-001	Containment vessel
SWMU	C-36-003	Outfall from Building 36-1
AOC	C-36-006(e)	I-J Firing Site, projectile test area
TA-39		
SWMU	39-001(a)	Landfill
SWMU	39-001(b)	Disposal pits (MDA Y)
SWMU	39-002(a)	Storage area
AOC	39-002(b)	Storage area
AOC	39-002(c)	Storage area
AOC	39-002(d)	Storage area
AOC	39-002(e)	Storage area
AOC	39-002(f)	Storage area
SWMU	39-004(a)	Firing site
SWMU	39-004(b)	Firing site
SWMU	39-004(c)	Firing site TA-39-6
SWMU	39-004(d)	Firing site TA-39-57
SWMU	39-004(e)	Firing site
SWMU	39-005	Potential soil contamination associated with former Seepage pit
SWMU	39-006(a)	Septic system
SWMU	39-007(a)	Storage area
AOC	39-007(d)	Storage area
SWMU	39-008	Disposal Trenches
SWMU	39-010	Excavated soil pile
TA-40		
SWMU	40-001(b)	Septic system
SWMU	40-001(c)	Septic system
<u>SWMU</u>	<u>40-003(a)</u>	<u>Scrap Burn Site/Open Detonation</u>
AOC	40-003(b)	Burning area
SWMU	40-004	Operational release
SWMU	40-005	Sump
SWMU	40-006(a)	Firing site
SWMU	40-006(b)	Firing site
SWMU	40-006(c)	Firing site

Table K-1
SWMUs and AOCs Requiring Corrective Action

AOC	40-007(a)	Storage area
AOC	40-007(b)	Storage area
AOC	40-007(c)	Storage area
AOC	40-007(d)	Storage area
AOC	40-007(e)	Storage area
SWMU	40-009	Landfill
SWMU	40-010	Surface disposal site
TA-41		
SWMU	41-001	Septic Tank
SWMU	41-002(a)	Imhoff Tank
SWMU	41-002(b)	Chlorine Contact Tank
SWMU	41-002(c)	Sludge Drying Bed
AOC	41-003	Sump
AOC	C-41-004	Storm drains
TA-42		
SWMU	42-001(a)	Soil contamination from former Incinerator Building 42-1
SWMU	42-001(b)	Soil contamination from former Ash storage tank
SWMU	42-001(c)	Soil contamination from former Ash storage tank
AOC	42-002(a)	Soil contamination from former Vacublaster and storage area
SWMU	42-002(b)	Soil contamination from former Decontamination area
SWMU	42-003	Soil contamination from former Septic System
TA-43		
SWMU	43-001(a)	Waste lines
AOC	43-001(a2)	Waste lines
SWMU	43-001(b)	Outfall
AOC	43-001(b2)	Outfall from Building 43-1
SWMU	43-002	Former Incinerator
AOC	C-43-001	Storm Drain associated with Building 43-1 Loading Dock
TA-45		
SWMU	45-001	Soil contamination from former RLW Treatment Plant
SWMU	45-002	Soil contamination from former Decontamination Facility
SWMU	45-003	Soil contamination from former Waste lines
SWMU	45-004	Sanitary sewer outfall
AOC	C-45-001	Soil contamination from spill in parking lot south of former RLW Treatment Plant
TA-46		
SWMU	46-002	Surface Impoundment
SWMU	46-003(a)	Septic system
SWMU	46-003(b)	Septic system
SWMU	46-003(c)	Septic system
SWMU	46-003(d)	Septic system
SWMU	46-003(e)	Septic system
SWMU	46-003(f)	Septic system

Table K-1
SWMUs and AOCs Requiring Corrective Action

SWMU	46-003(g)	Septic system
SWMU	46-003(h)	Outfall from Building 46-77
SWMU	46-004(a)	Waste line
SWMU	46-004(a2)	Outfall associated with Building 46-31
SWMU	46-004(b)	Soil contamination associated with former tank
SWMU	46-004(b2)	Outfall associated with Building 46-1
SWMU	46-004(c)	Dry Well
SWMU	46-004(c2)	Outfall from Building 46-1
SWMU	46-004(d)	Dry well
SWMU	46-004(d2)	Soil Contamination from Stack Emissions
SWMU	46-004(e)	Dry well
AOC	46-004(e2)	Outfall from Building 46-42
SWMU	46-004(f)	Drain associated with Building 46-24
AOC	46-004(f2)	Outfall from Building 46-31
SWMU	46-004(g)	Drains and Exhaust System
SWMU	46-004(h)	Drains and Exhaust System
SWMU	46-004(m)	Outfall from Building 46-30
SWMU	46-004(p)	Dry Well
SWMU	46-004(q)	Outfall
SWMU	46-004(r)	Outfall from Building 46-24
SWMU	46-004(s)	Outfall associated with Building 46-1
SWMU	46-004(t)	Outfall from Building 46-88
SWMU	46-004(u)	Outfall from Building 46-87
SWMU	46-004(v)	Outfall from Building 46-87
SWMU	46-004(w)	Outfall from Building 46-59
SWMU	46-004(x)	Outfall from Building 46-31
SWMU	46-004(y)	Outfall from Building 46-31
SWMU	46-004(z)	Outfall from Building 46-31
SWMU	46-005	Surface impoundment
SWMU	46-006(a)	Operational release
SWMU	46-006(b)	Former storage shed
SWMU	46-006(c)	Operational release
SWMU	46-006(d)	Operational release
SWMU	46-006(f)	Storage area
SWMU	46-006(g)	Storage area
SWMU	46-007	Operational release
SWMU	46-008(a)	Storage area
SWMU	46-008(b)	Storage area
SWMU	46-008(d)	Storage area
SWMU	46-008(e)	Storage area
SWMU	46-008(f)	Storage area
SWMU	46-008(g)	Storage area
SWMU	46-009(a)	Landfill

Table K-1
SWMUs and AOCs Requiring Corrective Action

SWMU	46-009(b)	Surface disposal site
SWMU	46-010(d)	Storage Area
AOC	C-46-001	Spill/Non-intentional release area
AOC	C-46-002	Soil contamination from stack emissions – Non-intentional release
AOC	C-46-003	Soil contamination from stack emissions – Non-intentional release
TA-48		
AOC	48-001	Air exhaust system
SWMU	48-002(a)	Container storage area
SWMU	48-002(b)	Container storage area
AOC	48-002(e)	Container storage
SWMU	48-003	Soil contamination associated with former septic system
SWMU	48-004(a)	Sumps
SWMU	48-004(b)	Tanks
SWMU	48-004(c)	Tanks
SWMU	48-005	Waste lines
SWMU	48-007(a)	Outfall associated with Building 48-1
SWMU	48-007(b)	Outfall from Building 48-1
SWMU	48-007(c)	Outfall from Building 48-1
SWMU	48-007(d)	Outfall associated with Building 48-1
SWMU	48-007(f)	Outfall from Building 48-46
SWMU	48-010	Surface Impoundment
AOC	48-011	Disposal shaft
SWMU	48-012	Soil Contamination
TA-49		
SWMU	49-001(a)	Shafts at Area 1 (MDA AB)
SWMU	49-001(b)	Shafts at Area 2 (MDA AB)
SWMU	49-001(c)	Shafts at Area 2A (MDA AB)
SWMU	49-001(d)	Shafts at Area 2B (MDA AB)
SWMU	49-001(e)	Shafts at Area 3 (MDA AB)
SWMU	49-001(f)	Shafts at Area 4 (MDA AB)
SWMU	49-001(g)	Soil contamination (MDA AB)
AOC	49-002	Operational facility (Area 10 underground chamber)
SWMU	49-003	Leach field (Area 11 rad/chem and small shot area)
SWMU	49-004	Burn site and landfill (Area 6)
SWMU	49-005(a)	Landfill (east of Area 10)
AOC	49-005(b)	Landfill - Area 5
SWMU	49-006	Sump (Area 5)
AOC	49-008(a)	Soil contamination (Area 5)
AOC	49-008(b)	Soil contamination (Area 6)
AOC	49-008(c)	Soil contamination (Area 11)
AOC	49-008(d)	Firing sites (Bottle House area) soil contamination and underground chamber

Table K-1
SWMUs and AOCs Requiring Corrective Action

TA-50		
SWMU	50-001(a)	Waste treatment facility
AOC	50-001(b)	Waste lines
SWMU	50-002(a)	Underground tanks
SWMU	50-002(b)	Vaulted underground tank
SWMU	50-002(c)	Vaulted underground tank
AOC	50-002(d)	Aboveground storage tank
SWMU	50-004(a)	Soil contamination from former waste lines
SWMU	50-004(b)	Soil contamination from former vault and Tanks
SWMU	50-004(c)	Soil contamination from former Waste lines and Manholes
SWMU	50-006(a)	Operational release
SWMU	50-006(c)	Operational release
SWMU	50-006(d)	Outfall associated with Building 50-1
AOC	50-007	Former Incinerator complex
AOC	50-008	Reduction site
SWMU	50-009	Material disposal area (MDA C)
AOC	50-010	Decontamination facility
SWMU	50-011(a)	Soil contamination associated with former Septic system (includes SWMU 50-011(misc))
AOC	50-011(b)	Lift stations
AOC	C-50-001	Former Transformer
TA-51		
AOC	51-001	Former Septic system
TA-52		
SWMU	52-001(d)	Former facility equipment
SWMU	52-002(a)	Septic system
AOC	52-003(a)	Former Wastewater Treatment Plant
TA-53		
SWMU	53-001(a)	Storage area
SWMU	53-001(b)	Storage area
SWMU	53-002(a)	Former surface impoundment
SWMU	53-002(b)	Former surface impoundment
SWMU	53-005	Soil contamination from former disposal pit
SWMU	53-006(b)	Underground tank
SWMU	53-006(c)	Underground tank
SWMU	53-006(d)	Underground tank
SWMU	53-006(e)	Underground tank
SWMU	53-006(f)	Underground tank
SWMU	53-007(a)	Aboveground neutralizer tank
AOC	53-008	Storage area
AOC	53-009	Aboveground tanks
AOC	53-010	Container storage

Table K-1

SWMUs and AOCs Requiring Corrective Action

AOC	53-012(e)	Outfall from Building 53-2
SWMU	53-013	Soil contamination – Lead storage site I
SWMU	53-014	Soil contamination – Lead storage site II
SWMU	53-015	Radioactive Liquid Waste Treatment System
TA-54		
SWMU	54-004	MDA H
SWMU	54-005	MDA J
SWMU	54-006	MDA L
SWMU	54-007(a)	Former Septic system (includes SWMU 54-007 (misc))
AOC	54-007(d)	Former Septic system (includes SWMU 54-007(misc))
AOC	54-012(a)	Former drum compactor
SWMU	54-012(b)	Drum crusher
SWMU	54-013(b)	Vehicle Monitoring/Decontamination area (MDA G)
AOC	54-014(a)	Storage Shafts at MDA L
SWMU	54-014(b)	Pit 9 (MDA G)
SWMU	54-014(c)	Shafts 200-233 (MDA G)
SWMU	54-014(d)	Storage trenches A, B, C, and D (MDA G)
AOC	54-015(b)	Storage Area
SWMU	54-015(k)	Layer of TRU waste
AOC	54-016(b)	Sump
SWMU	54-017	Disposal Pits (MDA G)
SWMU	54-018	Disposal Pits (MDA G)
SWMU	54-019	Disposal Pits (MDA G)
SWMU	54-020	Disposal Shafts MDA G
SWMU	54-.023	Disposal Pit 38 (MDA G)
SWMU	54-024	Disposal Pit 39 (MDA G)
TA-55		
SWMU	55-008	Sumps and tanks
TA-57		
AOC	57-001(b)	Former Settling ponds
AOC	57-001(c)	Former Settling ponds
AOC	57-002	Sludge pit
AOC	57-004(a)	Former Settling ponds
AOC	57-004(b)	Former Settling ponds
AOC	57-006	Former Drum and contents
AOC	57-007	Leach field
TA-59		
AOC	59-004	Outfall from Building 59-1
AOC	C-59-001	Transformer
TA-60		
SWMU	60-002	Storage area
AOC	60-004(b)	Storage area
AOC	60-004(c)	Storage area

Table K-1
SWMUs and AOCs Requiring Corrective Action

AOC	60-004(d)	Storage area
AOC	60-004(e)	Storage area
AOC	60-004(f)	Storage area
SWMU	60-005(a)	Surface impoundment
SWMU	60-006(a)	Septic Ssystem
SWMU	60-007(a)	Operational Release
SWMU	60-007(b)	Operational Release
TA-61		
SWMU	61-002	Transformer storage area
SWMU	61-005	Landfill (Los Alamos municipal)
SWMU	61-006	Waste oil tank (renumbered from 00-002)
SWMU	61-007	Soil contamination associated with transformer staging area
AOC	C-61-002	Subsurface contamination
TA-63		
SWMU	63-001(a)	Septic system
SWMU	63-001(b)	Septic system
TA-69		
SWMU	69-001	Two-Mile Incinerator Facility
TA-72		
AOC	72-001	Firing range
TA-73		
SWMU	73-001(a)	Landfill
SWMU	73-001(b)	Soil contamination from former waste oil pit
SWMU	73-001(c)	Bunkers
SWMU	73-001(d)	Landfill
SWMU	73-002	Incinerator Surface Disposal
AOC	73-003	Soil contamination from former Steam cleaning plant
SWMU	73-004(a)	Former septic tank
SWMU	73-004(b)	Former septic tank
SWMU	73-004(c)	Septic System
SWMU	73-004(d)	Soil contamination form former septic tank
SWMU	73-006	Airport Building Outfalls

Table K-3
SWMUs and AOCs
Corrective Action Complete Without Controls

Unit #	Unit Description	Date Corrective Action Completed	SWMU/AOC
TA-0			
00-003	Container Storage, Western Steam Plant	9/5/2003	SWMU
00-004	Container Storage, 6th street warehouses	2/23/2006	AOC
00-005	Landfill	12/23/1998	SWMU
00-008	Surface disposal site	1/26/2005	AOC
00-010(a)	Surface disposal site	1/26/2005	AOC
00-010(b)	Surface disposal site, 6th street warehouses	2/23/2006	AOC
00-012	Underground Storage Tank, Western Steam Plant	9/5/2003	SWMU
00-016	Firing Range	11/9/2001	SWMU
00-024	Cistern (never located)	01/26/05	AOC
00-025	Landfill	01/26/05	AOC
00-026	Landfill	01/26/05	AOC
00-028(a)	Effluent discharge, golf course	9/5/2003	SWMU
00-028(b)	Effluent discharge, golf course	9/5/2003	SWMU
00-029(a)	Transformer	1/26/2005	AOC
00-029(b)	Transformer	1/26/2005	AOC
00-029(c)	Transformer	1/26/2005	AOC
00-030(c)	Septic system	1/26/2005	AOC
00-030(i)	Septic tank	09/05/03	AOC
00-030(k)	Septic System	12/6/2006	AOC
00-030(q)	Septic system – Land Transfer parcel (11/9/1995)	1/26/2005	AOC
00-032	Soil contamination beneath former motor pool (UST for used motor oil)	1/26/2005	AOC
00-033(b)	Soil Contamination from Drainlines	2/23/2006	AOC
00-034(a)	Landfill, eastern area	12/6/2006	AOC
00-035(a)	Surface disposal	1/26/2005	AOC
00-040	Underground Tank	1/26/2005	AOC
C-00-036(a)	Borrow pit 1, Bandelier NM	1/26/2005	AOC
C-00-036(b)	Borrow pit 2, Bandelier NM	1/26/2005	AOC
C-00-036(c)	Borrow pit 3, Bandelier NM	1/26/2005	AOC
C-00-036(d)	Borrow pit 4, Bandelier NM	1/26/2005	AOC
TA-1			
01-001(h)	Septic Tank 142	12/23/1998	SWMU
01-001(i)	Septic Tank 143	12/23/1998	SWMU
01-001(j)	Septic Tank 149	12/23/1998	SWMU
01-001(k)	Septic Tank 268	12/23/1998	SWMU
01-001(l)	Septic Tank 269	12/23/1998	SWMU
01-001(m)	Septic Tank 275	9/5/2003	SWMU
01-001(n)	Septic Tank 276	12/23/1998	SWMU
01-001(p)	Septic sytem,	1/26/2005	AOC
01-001(q)	Septic sytem	1/26/2005	AOC
01-001(r)	Septic sytem	1/26/2005	AOC
01-001(v)	Septic sytem	1/26/2005	AOC
01-001(w)	Septic sytem	1/26/2005	AOC
01-004(a)	Soil Contamination from former Incinerator	1/26/2005	AOC
01-004(b)	Soil Contamination from former Incinerator	1/26/2005	AOC
01-005	Soil Contamination from former Incinerator	1/26/2005	AOC
01-006(f)	Drainlines and outfall	1/26/2005	AOC
01-006(i)	Drainlines and outfall	1/26/2005	AOC
01-006(j)	Drainlines and outfall	1/26/2005	AOC
01-006(k)	Drainlines and outfall	1/26/2005	AOC

01-006(l)	Drainlines and outfall	1/26/2005	AOC
01-006(m)	Drainlines and outfall	1/26/2005	AOC
01-006(p)	Storm drain and outfall	1/26/2005	AOC
01-006(q)	Drainlines and outfall	1/26/2005	AOC
01-006(r)	Drainlines and outfall	1/26/2005	AOC
01-006(s)	Drainlines and outfall	1/26/2005	AOC
01-006(t)	Drainlines and outfall	1/26/2005	AOC
01-007(f)	Soil contamination associated with TA-1 Buildings and Structures	1/26/2005	AOC
01-007(g)	Soil contamination associated with TA-1 Buildings and Structures	1/26/2005	AOC
01-007(h)	Soil contamination associated with TA-1 Buildings and Structures	1/26/2005	AOC
01-007(i)	Soil contamination associated with TA-1 Buildings and Structures	1/26/2005	AOC
01-007(m)	Soil contamination associated with TA-1 Buildings and Structures	1/26/2005	AOC
01-007(n)	Soil contamination associated with TA-1 Buildings and Structures	1/26/2005	AOC
01-007(o)	Soil contamination associated with TA-1 Buildings and Structures	1/26/2005	AOC
01-007(p)	Soil contamination associated with TA-1 Buildings and Structures	1/26/2005	AOC
TA-2			
02-001	Open burning ground (doesn't exist)	1/26/2005	AOC
02-002	Storage area	1/26/2005	AOC
02-008(b)	Outfall from photo processing facility, 2-4	11/9/2001	SWMU
02-013	Storage area - SAA	1/26/2005	AOC
C-02-001	Metal nugget pile	1/26/2005	AOC
TA-3			
03-001(a)	Less than 90-day Storage	12/23/1998	SWMU
03-001(b)	Satellite Accumulation Area	12/23/1998	SWMU
03-001(c)	Less than 90-day Storage	12/23/1998	SWMU
03-001(d)	Satellite Accumulation Area	1/26/2005	AOC
03-001(f)	Less-than-90-day storage	1/26/2005	AOC
03-001(g)	Satellite accumulation area	1/26/2005	AOC
03-001 (h)	Satellite accumulation area	1/26/2005	AOC
03-001(i)	Storage Area	10/13/2006	AOC
03-001 (j)	Satellite Accumulation Area	1/26/2005	AOC
03-001(l)	Less-than-90-day storage	1/26/2005	AOC
03-001(m)	Satellite Accumulation Area	1/26/2005	AOC
03-001(n)	Satellite Accumulation Area	1/26/2005	AOC
03-001(o)	Waste Container	1/26/2005	AOC
03-001(p)	Satellite Accumulation Area	1/26/2005	AOC
03-001(q)	Satellite Accumulation Area	1/26/2005	AOC
03-001(r)	Satellite Accumulation Area	1/26/2005	AOC
03-001(s)	Satellite Accumulation Area	1/26/2005	AOC
03-001(t)	Satellite Accumulation Area	1/26/2005	AOC
03-001(u)	Satellite Accumulation Area	1/26/2005	AOC
03-001(v)	Satellite Accumulation Area	1/26/2005	AOC
03-001(w)	Satellite Accumulation Area	1/26/2005	AOC
03-001(x)	Satellite Accumulation Area	1/26/2005	AOC
03-001(y)	Satellite Accumulation Area	1/26/2005	AOC
03-002(a)	Less than 90-day accumulation area	5/2/2001	SWMU
03-002(b)	Satellite Accumulation Area	12/23/1998	SWMU

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03-002(d)	Former storage Area	5/2/2001	SWMU
03-003(m)	Former storage area	1/26/2005	AOC
03-004(a)	Container storage	1/26/2005	AOC
03-004(b)	Container storage	1/26/2005	AOC
03-004(e)	Storage area	1/26/2005	AOC
03-004(f)	Storage area	1/26/2005	AOC
03-005	Renumbered to 60-004(a-f)	1/26/2005	AOC
03-006	Burn Site (duplicate of 61-003)	1/26/2005	AOC
03-008(b)	Firing site	1/26/2005	AOC
03-009(b)	Surface disposal site	12/23/1998	SWMU
03-009(c)	Construction Debris Area	5/2/2001	SWMU
03-009(d)	Surface disposal site	4/22/2007	SWMU
03-009(e)	Surface Disposal Area	12/23/1998	SWMU
03-009(f)	Surface Disposal	12/23/1998	SWMU
03-009(g)	Soil Fill Area	5/2/2001	SWMU
03-009(h)	Surface Disposal Area	12/23/1998	SWMU
03-010(b)	Operational release	1/26/2005	AOC
03-010(c)	Operational release	1/26/2005	AOC
03-010(d)	Operational release	1/26/2005	AOC
03-012(a)	Controlled Operational Release	12/23/1998	SWMU
03-013(c)	Operational release	1/26/2005	AOC
03-013(d)	Operational release	1/26/2005	AOC
03-013(e)	Operational release	1/26/2005	AOC
03-013(f)	Operational release	1/26/2005	AOC
03-013(g)	Operational release	1/26/2005	AOC
03-013(h)	Operational release	1/26/2005	AOC
03-016(a)	Septic system	1/26/2005	AOC
03-016(b)	Septic system	1/26/2005	AOC
03-016(c)	Septic system	1/26/2005	AOC
03-016(d)	Septic system	1/26/2005	AOC
03-016(e)	Septic system – duplicate of 03-014(s)	1/26/2005	AOC
03-016(f)	Septic system – duplicate of 03-014(s)	1/26/2005	AOC
03-018	Septic System	12/23/1998	SWMU
03-019	Septic Tank	5/2/2001	SWMU
03-020(a)	Disposal pit	12/23/1998	SWMU
03-020(b)	Surface disposal site	1/26/2005	AOC
03-023	Sump	1/26/2005	AOC
03-024	Tank and/or Associated Equipment	12/8/1997	SWMU
03-025(a)	Tank and associated equipment (Oil Trap Sump)	5/2/2001	SWMU
03-026(b)	Sumps	5/2/2001	SWMU
03-030	Surface impoundment	1/26/2005	AOC
03-032	Tank and associated equipment	5/2/2001	SWMU
00-034(a)	Landfill, eastern area	12/6/06	AOC
03-035(a)	Underground Storage Tank	12/23/1998	SWMU
03-035(b)	Underground Storage Tank	12/23/1998	SWMU
03-036(e)	Aboveground tank	1/26/2005	AOC
03-036(f)	Aboveground tank	1/26/2005	AOC
03-036(g)	Aboveground tank	1/26/2005	AOC
03-036(h)	Aboveground tanks	1/26/2005	AOC
03-036(i)	Aboveground tank	1/26/2005	AOC
03-036(j)	Aboveground tanks	1/26/2005	AOC
03-038(e)	Waste lines	1/26/2005	AOC
03-039(a)	Silver Recovery unit	12/23/1998	SWMU
03-039(b)	Silver recovery unit	1/26/2005	AOC

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03-039(c)	Silver recovery unit	1/26/2005	AOC
03-039(d)	Silver recovery unit	1/26/2005	AOC
03-039(e)	Silver recovery unit	1/26/2005	AOC
03-040(a)	Storage area	1/26/2005	AOC
03-040(b)	Storage area	1/26/2005	AOC
03-043(e)	Underground Storage Tan	5/2/2001	SWMU
03-043(i)	Aboveground tank	1/26/2005	AOC
03-044(a)	Container Storage Area	5/2/2001	SWMU
03-044(b)	Container storage	1/26/2005	AOC
03-045(d)	Storage tank (aboveground)	12/8/1997	SWMU
03-045(i)	Outfall	5/2/2001	SWMU
03-047(a)	Storage area	1/26/2005	AOC
03-047(b)	Storage area	1/26/2005	AOC
03-047(c)	Drum storage	1/26/2005	AOC
03-047(e)	Storage area	1/26/2005	AOC
03-047(f)	Storage area	1/26/2005	AOC
03-047(h)	Storage area	1/26/2005	AOC
03-047(i)	Satellite accumulation area	1/26/2005	AOC
03-047(j)	Drum storage	1/26/2005	AOC
03-047(k)	Drum storage	1/26/2005	AOC
03-048	Satellite accumulation area	1/26/2005	AOC
03-049(c)	Outfall	5/2/2001	SWMU
03-049(d)	Outfall	5/2/2001	SWMU
03-050(b)	Exhaust emissions, off-gas scrubber of HEPA filter system	1/26/2005	AOC
03-050(c)	Exhaust emissions, off-gas scrubber of HEPA filter system	1/26/2005	AOC
03-050(e)	Filter Unit	5/2/2001	SWMU
03-051(d)	Soil contamination (oil from leaking compressor)	1/26/2005	AOC
03-052(c)	One time Release	5/2/2001	AOC
03-052(d)	Storm drainage	6/26/2003	AOC
03-055(b)	Outfall	1/26/2005	AOC
03-055(d)	Storm Drain	5/2/2001	SWMU
03-056(b)	Container storage area	6/26/2003	AOC
03-056(e)	Satellite accumulation area	1/26/2005	AOC
03-056(f)	Drum storage	1/26/2005	AOC
03-056(g)	Satellite accumulation area	1/26/2005	AOC
03-056(i)	Drum storage	1/26/2005	AOC
03-056(j)	Storage area	1/26/2005	AOC
03-056(m)	Drum Storage Area (Inactive)	5/2/2001	SWMU
03-056(n)	Container Storage Area	5/2/2001	SWMU
03-057	Sump/grease trap	1/26/2005	AOC
03-058	Container Storage	1/26/2005	AOC
C-03-001	Gas trap	1/26/2005	AOC
C-03-002	One-time spill - leak from asphalt machine	1/26/2005	AOC
C-03-003	One time spill - stained asphalt	1/26/2005	AOC
C-03-004	Miscellaneous debris	1/26/2005	AOC
C-03-005	Oil spill	1/26/2005	AOC
C-03-007	Storage area	1/26/2005	AOC
C-03-008	Storage area/rad contaminated	1/26/2005	AOC
C-03-009	Storage area	1/26/2005	AOC
C-03-010	Outfall	1/26/2005	AOC
C-03-011	Waste oil tank	1/26/2005	AOC
C-03-012	Satellite accumulation area	1/26/2005	AOC
C-03-015	Underground storage tank	1/26/2005	AOC

C-03-017	Underground storage tank	1/26/2005	AOC
C-03-018	Underground storage tank	1/26/2005	AOC
C-03-019	Underground storage tank	1/26/2005	AOC
C-03-020	Storage tanks	1/26/2005	AOC
C-03-021	Underground storage tanks	1/26/2005	AOC
TA-4			
C-04-001	Former building location	1/26/2005	AOC
TA-5			
05-006(a)	Former building location	1/26/2005	AOC
05-006(d)	Former building location	1/26/2005	AOC
05-006(f)	Former building location	1/26/2005	AOC
05-006(g)	Former building location	1/26/2005	AOC
C-05-001	Former building location	1/26/2005	AOC
TA-6			
06-003(b)	Firing Site	1/26/2005	AOC
06-003(g)	Firing Site and Building TA-6-10	11/9/2001	SWMU
06-004	Sump	1/26/2005	AOC
C-06-003	Building TA-6-11 - control building for explosive shots	3/14/2000	AOC
C-06-006	Building TA-6-14 – explosive pressing and storage	3/14/2000	AOC
C-06-007	Building TA-6-15 - boiler for steam generation	3/14/2000	AOC
C-06-008	Building TA-6-16 - magazine for explosives	3/14/2000	AOC
C-06-009	Building TA-6-17 - magazine	3/14/2000	AOC
C-06-010	Building TA-6-21 - magazines for explosives storage	3/14/2000	AOC
C-06-011	Building TA-6-22 - magazine	3/14/2000	AOC
C-06-012	Building TA-6-23 - magazine	3/14/2000	AOC
C-06-013	Building TA-6-24 - magazine for explosives storage	3/14/2000	AOC
C-06-014	Building TA-6-25 - magazine for explosives storage	3/14/2000	AOC
C-06-015	Building TA-6-27 - magazine for explosives storage	3/14/2000	AOC
C-06-016	Soil Contamination from former Magazine 06-28	3/14/2000	AOC
C-06-017	Building TA-6-29 - magazine for explosives storage	3/14/2000	AOC
C-06-018	Building TA-6-30 - magazine for explosives storage	3/14/2000	AOC
C-06-019	Soil contamination from former Building 6-38	3/14/2000	AOC
C-06-020	Soil Contamination from former Building	3/14/2000	AOC
C-06-021	Building TA-6-26 – magazine used for explosives storage	3/14/2000	AOC
TA-7			
07-003(c)	Typographical Error	12/23/1998	SWMU
07-003(d)	Typographical Error	12/23/1998	SWMU
TA-8			
08-003(b)	Septic System	12/23/1998	SWMU
08-003(c)	Septic System	12/23/1998	SWMU
08-006(b)	Landfill	12/23/1998	SWMU
08-007	Silver Recovery unit	12/23/1998	SWMU
08-008(a)	Storage area	1/26/2005	AOC
08-008(b)	Storage area	1/26/2005	AOC
08-008(c)	Storage area	1/26/2005	AOC
08-008(d)	Storage area	1/26/2005	AOC
08-009(b)	Industrial or sanitary wastewater treatment	1/26/2005	AOC
08-010(a)	Storage area	1/26/2005	AOC
08-010(b)	Storage area	1/26/2005	AOC
08-010(c)	Storage area	1/26/2005	AOC
08-011(a)	Underground tank	1/26/2005	AOC
08-011(b)	Underground tank	1/26/2005	AOC
C-08-001	Building	1/26/2005	AOC

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C-08-002	Building	1/26/2005	AOC
C-08-003	Building	1/26/2005	AOC
C-08-004	Building	1/26/2005	AOC
C-08-005	Building	1/26/2005	AOC
C-08-006	Building	1/26/2005	AOC
C-08-007	Building	1/26/2005	AOC
C-08-008	Building	1/26/2005	AOC
C-08-009	Building	1/26/2005	AOC
C-08-010	Soil contamination from former Drum Storage Structure 8-34	4/22/2007	SWMU
C-08-011	Building	1/26/2005	AOC
C-08-012	Building	1/26/2005	AOC
C-08-013	Building	1/26/2005	AOC
C-08-015	Building	1/26/2005	AOC
C-08-016	Building	1/26/2005	AOC
C-08-017	Storage area	1/26/2005	AOC
C-08-018	Storage area	1/26/2005	AOC
C-08-019	Storage area	1/26/2005	AOC
C-08-020	Disposal area	1/26/2005	AOC
TA-9			
09-003(c)	Manhole	12/23/1998	SWMU
09-003(f)	Settling Tank	12/23/1998	SWMU
09-005(b)	Septic System	12/23/1998	SWMU
09-005(c)	Septic System	12/23/1998	SWMU
09-005(e)	Septic System	12/23/1998	SWMU
09-005(f)	Septic System	12/23/1998	SWMU
09-005(h)	Septic System	12/23/1998	SWMU
09-007	Basket Pit	12/23/1998	SWMU
09-008(a)	Surface impoundment	1/26/2005	AOC
09-010(c)	Storage area	1/26/2005	AOC
09-011(a)	Storage area	1/26/2005	AOC
09-015	Manhole	1/26/2005	AOC
09-016	Underground tank	1/26/2005	AOC
C-09-002	Buildings	1/26/2005	AOC
C-09-003	Buildings	1/26/2005	AOC
C-09-004	Buildings	1/26/2005	AOC
C-09-005	Soil Contamination from former Firing Site Structure 09-58	1/26/2005	AOC
C-09-006	Buildings	1/26/2005	AOC
C-09-007	Buildings	1/26/2005	AOC
C-09-008	Underground tank	1/26/2005	AOC
C-09-009	Non-intentional release	1/26/2005	AOC
C-09-010	Burn site – doesn't exist	1/26/2005	AOC
C-09-011	Burn site	1/26/2005	AOC
TA-10			
10-001(e)	Detonatioin test area – doesn't exist	1/26/2005	AOC
TA-11			
11-003(a)	Mortar impact area	1/26/2005	AOC
11-007	Surface Disposal	12/23/1998	SWMU
11-008	Surface disposal	1/26/2005	AOC
11-010(a)	Container storage area	1/26/2005	AOC
11-010(b)	Container storage	1/26/2005	AOC
11-011(c)	Boiler Discharge	5/2/2001	SWMU
C-11-003	One-time release site (never located)	1/26/2005	AOC

TA-12			
12-003	Storage area	1/26/2005	AOC
C-12-006	Pole – duplicate of 12-004(a)	1/26/2005	AOC
TA-14			
14-004(b)	Satellite Accumulation Area	12/23/1998	SWMU
14-004(c)	Storage area	1/26/2005	AOC
14-008	Landfill and surface disposal	1/26/2005	AOC
TA-15			
15-004(e)	Manhole bunker – mistakenly called firing site	1/26/2005	AOC
15-005(a)	Storage area	1/26/2005	AOC
15-005(d)	Storage area	1/26/2005	AOC
15-008(e)	Surface disposal	1/26/2005	AOC
15-009(d)	Septic tank	1/26/2005	AOC
15-009(j)	Septic Tank	11/9/2001	SWMU
15-010(c)	Drainline	4/22/2007	SWMU
15-012(a)	Surface disposal (not located) – doesn't exist	11/9/2001	SWMU
15-012(b)	Surface Disposal Site	11/9/2001	SWMU
15-013(a)	Underground tank	1/26/2005	AOC
15-013(b)	Underground tank	1/26/2005	AOC
15-014(c)	Industrial or sanitary wastewater treatment	1/26/2005	AOC
15-014(e)	Industrial or sanitary wastewater treatment	1/26/2005	AOC
15-014(f)	Industrial or sanitary wastewater treatment	1/26/2005	AOC
15-014(m)	Drainline and Outfall	12/23/1998	SWMU
C-15-002	Surface disposal	1/26/2005	AOC
C-15-003	Surface disposal	1/26/2005	AOC
C-15-008	Non-intentional release	1/26/2005	AOC
C-15-009	Underground tank	1/26/2005	AOC
C-15-012	Underground tank	1/26/2005	AOC
C-15-013	Underground tank	1/26/2005	AOC
TA-16			
16-005(b)	Septic System (removed)	5/2/2001	SWMU
16-005(f)	Decommissioned Septic System	12/23/1998	SWMU
16-005(i)	Septic Tank	12/23/1998	SWMU
16-005(o)	Septic System	12/23/1998	SWMU
16-006(b)	Septic System	12/23/1998	SWMU
16-006(f)	Septic System	12/23/1998	SWMU
16-006(i)	Septic Tank	12/23/1998	SWMU
16-007(b)	Surface disposal site – site doesn't exist	1/26/2005	AOC
16-010(g)	Wastewater Treatment Facility	12/23/1998	SWMU
16-012(a)	Container Storage-Rest House	12/23/1998	SWMU
16-012(a2)	Container storage	1/26/2005	AOC
16-012(b)	Container Storage-Rest House	12/23/1998	SWMU
16-012(c)	Container Storage-Rest House	12/23/1998	SWMU
16-012(d)	Satellite Accumulation Area	12/23/1998	SWMU
16-012(e)	Container Storage-Rest House	12/23/1998	SWMU
16-012(f)	Container Storage-Rest House	12/23/1998	SWMU
16-012(g)	Container Storage-Rest House	12/23/1998	SWMU
16-012(h)	Container Storage-Rest House	12/23/1998	SWMU
16-012(i)	Satellite Accumulation Area	12/23/1998	SWMU
16-012(j)	Satellite Accumulation Area	12/23/1998	SWMU
16-012(k)	Container Storage-Rest House	12/23/1998	SWMU
16-012(l)	Satellite Accumulation Area	12/23/1998	SWMU
16-012(m)	Satellite Accumulation Area	12/23/1998	SWMU

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16-012(n)	Satellite Accumulation Area	12/23/1998	SWMU
16-012(o)	Container Storage-Rest House	12/23/1998	SWMU
16-012(p)	Less Than 90-day Storage	12/23/1998	SWMU
16-012(q)	Container Storage-Rest House	12/23/1998	SWMU
16-012(r)	Container Storage-Rest House	12/23/1998	SWMU
16-012(s)	Container Storage-Rest House	12/23/1998	SWMU
16-012(t)	Satellite Accumulation Area	12/23/1998	SWMU
16-012(u)	Satellite Accumulation Area	12/23/1998	SWMU
16-012(v)	Container Storage-Rest House	12/23/1998	SWMU
16-012(w)	Container Storage-Rest House	12/23/1998	SWMU
16-012(x)	Satellite Accumulation Area	12/23/1998	SWMU
16-012(y)	Container Storage-Rest House	12/23/1998	SWMU
16-012(z)	Container Storage-Rest House	12/23/1998	SWMU
16-023(a)	Incinerator – doesn't exist	1/26/2005	AOC
16-025(c)	Abandoned utility building and appurtenances	12/23/1998	SWMU
16-025(e2)	Soil Contamination from former Magazine 16-106	4/22/2007	SWMU
16-025(f2)	Soil Contamination from former Magazine 16-107	4/22/2007	SWMU
16-025(g2)	Magazine	12/23/1998	SWMU
16-025(h2)	Soil Contamination from former Magazine 16-109	4/22/2007	SWMU
16-026(a2)	Outfall from 16-200	4/22/2007	SWMU
16-026(d2)	Outfall from 16-435	4/22/2007	SWMU
16-026(e2)	Outfall from Building 16-415	4/22/2007	SWMU
16-026(f2)	Outfall from Building 16-413	4/22/2007	SWMU
16-026(g2)	Outfall from Building 16-285	4/22/2007	SWMU
16-026(h)	Outfall from Building 16-281	4/22/2007	SWMU
16-026(i2)	Outfall	12/23/1998	SWMU
16-026(k)	Outfall from former Building 16-221	4/22/2007	SWMU
16-026(t)	Outfall from Building 16-207	4/22/2007	SWMU
16-026(x)	Outfall from Building 16-437	4/22/2007	SWMU
16-030(b)	Outfall from former Building 16-343	4/22/2007	SWMU
16-030(e)	Outfall from former Building 16-225	4/22/2007	SWMU
16-030(f)	Outfall from former Building 16-223	4/22/2007	SWMU
16-031(g)	Cooling Tower Outfall	12/23/1998	SWMU
16-032(b)	Decommissioned HE sump	1/26/2005	AOC
16-032(d)	Decommissioned HE Sump	12/23/1998	SWMU
16-032(e)	Decommissioned HE Sump	12/23/1998	SWMU
16-034(g)	Soil Contamination	12/23/1998	SWMU
C-16-003	Septic system [see 16-005(n)]	1/26/2005	AOC
C-16-004	Building	1/26/2005	AOC
C-16-007	Tank stand	1/26/2005	AOC
C-16-021	Building	1/26/2005	AOC
C-16-022	Building	1/26/2005	AOC
C-16-023	Warehouse	1/26/2005	AOC
C-16-024	Building	1/26/2005	AOC
C-16-027	Building	1/26/2005	AOC
C-16-029	Building	1/26/2005	AOC
C-16-032	Building	1/26/2005	AOC
C-16-033	Warehouse	1/26/2005	AOC
C-16-037	Storage area	1/26/2005	AOC
C-16-038	Storage area	1/26/2005	AOC
C-16-039	Building	1/26/2005	AOC
C-16-040	Building	1/26/2005	AOC
C-16-042	Steam manhole	1/26/2005	AOC
C-16-043	Steam manhole	1/26/2005	AOC

C-16-045	Manhole	1/26/2005	AOC
C-16-048	Steam manhole	1/26/2005	AOC
C-16-052	Steam manhole	1/26/2005	AOC
C-16-053	Water manhole	1/26/2005	AOC
C-16-054	Steam manhole	1/26/2005	AOC
C-16-055	Switch box	1/26/2005	AOC
C-16-056	Steam manhole	1/26/2005	AOC
C-16-057	Steam manhole	1/26/2005	AOC
C-16-059	Electrical pit	1/26/2005	AOC
C-16-066	Storage area	1/26/2005	AOC
TA-18			
18-007	Buried Armored Vehicle	5/2/2001	SWMU
18-009(a)	Transformer, PCB only site	1/26/2005	AOC
18-009(b)	Transformer, PCB only site	1/26/2005	AOC
18-009(c)	Transformer, PCB only site	1/26/2005	AOC
18-009(d)	Transformer, PCB only site	1/26/2005	AOC
18-009(e)	Transformer, PCB only site	1/26/2005	AOC
18-010(a)	Outfall	1/26/2005	AOC
18-012(d)	Drainline	1/26/2005	AOC
C-18-001	Laboratory	1/26/2005	AOC
C-18-002	Building	1/26/2005	AOC
C-18-003	Storage area	1/26/2005	AOC
TA-19			
C-19-001	Soil contamination from former Buildings	6/27/2006	AOC
TA-20			
20-003(a)	Soil contamination associated with a former Control building at a firing site	4/22/2007	SWMU
20-003(d)	Firing site	1/26/2005	AOC
C-20-001	Storage building	1/26/2005	AOC
C-20-002	Storage building	1/26/2005	AOC
C-20-003	Building	1/26/2005	AOC
TA-21			
21-004(d)	Drainline from Structure 21-223	1/26/2005	AOC
21-005	Disposal Pit	11/9/2001	SWMU
21-008	Incinerator	1/26/2005	AOC
21-012(a)	Dry Well	12/23/1998	SWMU
21-019(a)	Soil contamination from Filter House/Exhaust stacks	1/26/2005	AOC
21-019(b)	Soil contamination from Filter House/Exhaust stacks	1/26/2005	AOC
21-019(c)	Soil contamination from Filter House/Exhaust stacks	1/26/2005	AOC
21-019(d)	Soil contamination from Filter House/Exhaust stacks	1/26/2005	AOC
21-019(e)	Soil contamination from Filter House/Exhaust stacks	1/26/2005	AOC
21-019(f)	Soil contamination from Filter House/Exhaust stacks	1/26/2005	AOC
21-019(g)	Soil contamination from Filter House/Exhaust stacks	1/26/2005	AOC
21-019(h)	Soil contamination from Filter House/Exhaust stacks	1/26/2005	AOC
21-019(i)	Soil contamination from Filter House/Exhaust stacks	1/26/2005	AOC
21-019(j)	Soil contamination from Filter House/Exhaust stacks	1/26/2005	AOC
21-019(k)	Soil contamination from Filter House/Exhaust stacks	1/26/2005	AOC
21-019(l)	Soil contamination from Filter House/Exhaust stacks	1/26/2005	AOC
21-019(m)	Soil contamination from Filter House/Exhaust stacks	1/26/2005	AOC
21-020(a)	Soil contamination from former Filter House	1/26/2005	AOC
21-020(b)	Soil contamination from former Filter House	1/26/2005	AOC
21-024(m)	Drain Line	12/23/1998	SWMU
21-025(a)	Operational facility	1/26/2005	AOC

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21-025(b)	Operational facility	1/26/2005	AOC
21-027(b)	Drain Line	12/23/1998	SWMU
21-028(b)	Container storage	1/26/2005	AOC
21-028(e)	Container storage	1/26/2005	AOC
21-030	Sump	9/30/2005	AOC
C-21-002	Non-intentional release area	1/26/2005	AOC
C-21-003	Non-intentional release area	1/26/2005	AOC
C-21-004	Non-intentional release area	1/26/2005	AOC
C-21-008	One-time spill	1/26/2005	AOC
C-21-010	Systematic leak	1/26/2005	AOC
C-21-011	One-time spill	1/26/2005	AOC
C-21-013	Disposal pit	1/26/2005	AOC
C-21-014	Warehouse	1/26/2005	AOC
C-21-015	Building	9/30/2005	AOC
C-21-016	Storage area	1/26/2005	AOC
C-21-017	Storage area	1/26/2005	AOC
C-21-018	Storage area	1/26/2005	AOC
C-21-019	Storage area	1/26/2005	AOC
C-21-020	Storage area	1/26/2005	AOC
C-21-021	Storage area	1/26/2005	AOC
C-21-022	Laboratory	1/26/2005	AOC
C-21-023	Laboratory	1/26/2005	AOC
C-21-024	Warehouse	1/26/2005	AOC
C-21-025	Building	1/26/2005	AOC
C-21-026	Building	1/26/2005	AOC
C-21-028	Soil contamination from former tank	1/26/2005	AOC
C-21-029	Aboveground tank	1/26/2005	AOC
C-21-030	Aboveground tank	1/26/2005	AOC
C-21-031	Tank	1/26/2005	AOC
C-21-032	Machinery and tanks	1/26/2005	AOC
TA-22			
22-001	Building	1/26/2005	AOC
22-003(a)	Satellite accumulation area	1/26/2005	AOC
22-003(b)	Satellite accumulation area	1/26/2005	AOC
22-003(c)	Satellite accumulation area	1/26/2005	AOC
22-003(d)	Satellite accumulation area	1/26/2005	AOC
22-003(e)	Satellite accumulation area	1/26/2005	AOC
22-003(f)	Satellite accumulation area	1/26/2005	AOC
22-003(g)	Satellite accumulation area	1/26/2005	AOC
22-013	Liquid waste treatment/storage	1/26/2005	AOC
22-014(c)	Unit does not exist	1/26/2005	AOC
TA-25			
25-001	Pit	1/26/2005	AOC
C-25-001	Building	1/26/2005	AOC
TA-27			
27-001	Buried Naval Guns	5/2/2001	SWMU
27-004	Former Control Building	1/26/2005	AOC
TA-30			
30-001	Surface disposal and landfill	1/26/2005	AOC
TA-31			
C-31-001	Buildings	1/26/2005	AOC
TA-32			
C-32-001	Buildings	1/26/2005	AOC

TA-33			
33-004(e)	Seepage Pit	12/23/1998	SWMU
33-004(f)	Septic System	12/23/1998	SWMU
33-004(l)	Outfall	1/26/2005	AOC
33-004(n)	Septic system	1/26/2005	AOC
33-010(e)	Surface disposal (Area 6)	1/26/2005	AOC
33-012(b)	Satellite accumulation area	1/26/2005	AOC
33-012(c)	Satellite accumulation area	1/26/2005	AOC
33-012(d)	Satellite accumulation area	1/26/2005	AOC
TA-35			
35-001	Material disposal area (MDA W)	1/26/2005	AOC
35-003(i)	Wastewater Treatment Facility	12/23/1998	SWMU
35-004(c)	Storage areas	1/26/2005	AOC
35-004(d)	Container storage area	1/26/2005	AOC
35-004(e)	Container storage area	5/2/2001	SWMU
35-004(f)	Container storage area	1/26/2005	AOC
35-004(i)	Container storage area	1/26/2005	AOC
35-004(j)	Container storage area	1/26/2005	AOC
35-004(k)	Container storage area	1/26/2005	AOC
35-004(l)	Container storage area	1/26/2005	AOC
35-004(n)	Container storage area	1/26/2005	SWMU
35-004(o)	Container storage area	1/26/2005	AOC
35-005(a)	Surface impoundment (closure) building 85 duplicate of 35-006	1/26/2005	AOC
35-005(b)	Surface impoundment (closure) building 125	1/26/2005	AOC
35-006	Surface Impoundment	5/2/2001	SWMU
35-007	Waste oil treatment	1/26/2005	AOC
35-011(a)	Above ground storage tanks	5/2/2001	SWMU
35-011(b)	Underground storage tank	1/26/2005	AOC
35-011(c)	Underground storage tank	1/26/2005	AOC
35-011(d)	Underground storage tank	1/26/2005	AOC
35-012(a)	Underground storage tank	1/26/2005	AOC
35-012(b)	Underground storage tank	1/26/2005	AOC
35-013(d)	Floor Drains	5/2/2001	SWMU
35-014(c)	Operational release	1/26/2005	AOC
35-014(e3)	Operational release	1/26/2005	AOC
35-017	Soil contamination from reactor	1/26/2005	AOC
35-018(b)	Former transformer site – PCB only site	1/26/2005	AOC
C-35-001	Former UST site	1/26/2005	AOC
C-35-002	Former UST site	1/26/2005	AOC
C-35-003	Former UST site	1/26/2005	AOC
C-35-004	Operational release	1/26/2005	AOC
C-35-005	Operational release	1/26/2005	AOC
C-35-006	Operational release	1/26/2005	AOC
C-35-008	Leaking transformer – PCB only site	1/26/2005	AOC
TA-36			
36-003(c)	Septic System	12/23/1998	SWMU
36-003(d)	Septic system	1/26/2005	AOC
36-004(f)	Firing site	1/26/2005	AOC
36-007(a)	Storage area	1/26/2005	AOC
36-007(b)	Storage area	1/26/2005	AOC
36-007(c)	Storage area	1/26/2005	AOC
36-007(d)	Storage area	1/26/2005	AOC
36-007(e)	Storage area	1/26/2005	AOC

36-007(f)	Storage area	1/26/2005	AOC
C-36-002	Surface disposal	1/26/2005	AOC
TA-37			
37-001	Septic system	1/26/2005	AOC
TA-39			
39-002(g)	Storage area	1/26/2005	AOC
39-003	Incinerator	12/23/1998	SWMU
39-006(b)	Septic System	12/23/1998	AOC
39-007(b)	Storage area	1/26/2005	AOC
39-007(c)	Storage area	1/26/2005	AOC
39-007(e)	Storage area	1/26/2005	AOC
39-009	Outfall	1/26/2005	AOC
TA-40			
40-001(a)	Septic System	12/23/1998	SWMU
40-002(a)	Container storage area SAA located inside building TA-40-23	1/26/2005	AOC
40-002(b)	Container storage area SAA located inside building TA-40-23	1/26/2005	AOC
40-002(c)	Container storage area SAA located inside building TA-40-05	1/26/2005	AOC
40-008	HE storage area (decommissioned)	1/26/2005	AOC
C-40-001	Usage Site	1/26/2005	AOC
TA-41			
41-004	Container storage	1/26/2005	AOC
C-41-001	Sump	1/26/2005	AOC
C-41-002	Underground tank	1/26/2005	AOC
C-41-003	Underground tank	1/26/2005	AOC
C-41-005	Underground tank	1/26/2005	AOC
TA-42			
42-004	Canyon disposal	1/26/2005	AOC
TA-43			
43-001(b1)	Outfall	1/26/2005	AOC
43-003	Carcass storage	1/26/2005	AOC
43-004	Waste storage	1/26/2005	AOC
43-005	Radioactive liquid storage	1/26/2005	AOC
TA-46			
46-001	Aboveground tank	1/26/2005	AOC
46-004(i)	Outfall	1/26/2005	AOC
46-004(j)	Outfall	1/26/2005	AOC
46-004(k)	Outfall	1/26/2005	AOC
46-004(l)	Outfall	1/26/2005	AOC
46-004(n)	Outfall	1/26/2005	AOC
46-004(o)	Outfall	1/26/2005	AOC
46-006(e)	Surface disposal	1/26/2005	AOC
46-008(c)	Storage Area	12/23/1998	SWMU
46-008(misc)	Storage area – doesn't exist	1/26/2005	AOC
46-010(a)	Storage area	1/26/2005	AOC
46-010(b)	Storage area	1/26/2005	AOC
46-010(c)	Storage area	1/26/2005	AOC
46-010(e)	Storage area	1/26/2005	AOC
46-010(f)	Storage area	1/26/2005	AOC
46-010(misc)	Storage area – doesn't exist	1/26/2005	AOC
TA-48			

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48-002(c)	Container storage area	1/26/2005	AOC
48-002(d)	Container storage area	1/26/2005	AOC
48-004(d)	Sumps and tanks	1/26/2005	AOC
48-006	Septic system	1/26/2005	AOC
48-007(e)	Outfall	1/26/2005	AOC
48-008	Transformer leak-PCB only site	1/26/2005	AOC
48-009	Soil contamination	1/26/2005	AOC
TA-49			
49-007(a)	Septic system (Area 6)	1/26/2005	AOC
49-007(b)	Septic system (HDT area)	1/26/2005	AOC
49-009	Aboveground tank (former location)	1/26/2005	AOC
TA-50			
50-003(b)	Storage area	1/26/2005	AOC
50-003(c)	Storage area	1/26/2005	AOC
50-003(d)	Storage area	1/26/2005	AOC
50-003(e)	Storage area	1/26/2005	AOC
50-005	Waste treatment facility	1/26/2005	AOC
50-006(b)	Operational release	1/26/2005	AOC
50-006(e)	Aboveground tank	1/26/2005	AOC
TA-51			
51-002(a)	usage site (Environmental research caisson)	1/26/2005	AOC
51-002(b)	usage site (Environmental research caisson)	1/26/2005	AOC
C-51-001	Storage area	1/26/2005	AOC
C-51-002	Buildings	1/26/2005	AOC
TA-52			
52-001(a)	UHTREX Equipment	12/23/1998	SWMU
52-001(b)	UHTREX Equipment	12/23/1998	SWMU
52-001(c)	UHTREX Equipment	12/23/1998	SWMU
52-002(b)	Septic System	12/23/1998	SWMU
52-002(c)	Septic System	12/23/1998	SWMU
52-002(d)	Septic System	12/23/1998	SWMU
52-002(e)	Septic Tank and seepage pit	12/8/1997	SWMU
52-002(f)	Septic System	12/23/1998	SWMU
52-002(g)	Septic system	1/21/2005	AOC
52-003(b)	Industrial waste line	1/26/2005	AOC
52-004	Evaporator	1/26/2005	AOC
C-52-001	Former transformer site -PCB only site	1/26/2005	AOC
C-52-002	Former transformer site -PCB only site	1/26/2005	AOC
TA-53			
53-001(c)	Storage area	1/26/2005	AOC
53-001(d)	Storage area	1/26/2005	AOC
53-001(e)	Storage area	1/26/2005	AOC
53-001(f)	Storage area	1/26/2005	AOC
53-001(g)	Storage area	1/26/2005	AOC
53-001(h)	Storage area	1/26/2005	AOC
53-001(i)	Storage area	1/26/2005	AOC
53-001(j)	Storage area	1/26/2005	AOC
53-001(k)	Storage area	1/26/2005	AOC
53-001(l)	Storage area	1/26/2005	AOC
53-001(m)	Storage area	1/26/2005	AOC
53-001(n)	Storage area	1/26/2005	AOC
53-001(o)	Storage area	1/26/2005	AOC
53-003	Septic tank	1/26/2005	AOC

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53-004	Operational facility	1/26/2005	AOC
53-006(a)	Underground tank	1/26/2005	AOC
53-007(b)	Aboveground storage Tanks	12/23/1998	SWMU
53-011(a)	Transformer, PCB only site	1/26/2005	AOC
53-011(b)	Transformer, PCB only site	1/26/2005	AOC
53-011(c)	Transformer, PCB only site	1/26/2005	AOC
53-011(d)	Transformer, PCB only site	1/26/2005	AOC
53-011(e)	Transformer doesn't exist	1/26/2005	AOC
53-012(a)	Outfall	1/26/2005	AOC
53-012(b)	Outfall	1/26/2005	AOC
53-012(c)	Outfall	1/26/2005	AOC
53-012(d)	Outfall	1/26/2005	AOC
53-012(f)	Outfall	1/26/2005	AOC
53-012(g)	Outfall	1/26/2005	AOC
53-012(h)	Outfall	1/26/2005	AOC
C-53-001	Transformer – PCB only site	1/26/2005	AOC
C-53-002	Transformer – PCB only site	1/26/2005	AOC
C-53-003	Transformer – PCB only site	1/26/2005	AOC
C-53-004	Transformer– PCB only site	1/26/2005	AOC
C-53-005	Transformer– PCB only site	1/26/2005	AOC
C-53-006	Transformer– PCB only site	1/26/2005	AOC
C-53-007	Transformer– PCB only site	1/26/2005	AOC
C-53-008	Transformer– PCB only site	1/26/2005	AOC
C-53-009	Transformer– PCB only site	1/26/2005	AOC
C-53-010	Transformer– PCB only site	1/26/2005	AOC
C-53-011	Transformer– PCB only site	1/26/2005	AOC
C-53-012	Transformer– PCB only site	1/26/2005	AOC
C-53-013	Transformer– PCB only site	1/26/2005	AOC
C-53-014	Transformer– PCB only site	1/26/2005	AOC
C-53-015	Transformer– PCB only site	1/26/2005	AOC
C-53-016	Transformer– PCB only site	1/26/2005	AOC
C-53-017	One-time spill	1/26/2005	AOC
C-53-018	One-time spill	1/26/2005	AOC
C-53-019	One-time spill	1/26/2005	AOC
TA-54			
54-001(c)	Storage Area	12/23/1998	SWMU
54-001(f)	Storage Area	1/26/2005	AOC
54-007(b)	Septic system	5/2/2001	SWMU
54-007(c)	septic systems	9/5/2003	SWMU
54-007(e)	Septic system		AOC
54-008	Underground tank	1/26/2005	AOC
54-010	Underground tank - supply wash-water tank	1/26/2005	AOC
54-013(a)	Decontamination Facility	12/23/1998	SWMU
54-015(g)	Storage area - Pb casks near shaft 4	1/26/2005	AOC
54-015(h)	Drum Storage Area	5/2/2001	SWMU
54-015(i)	Storage area - forklift battery	1/26/2005	AOC
54-016(a)	Sump	1/26/2005	AOC
54-021	Aboveground oil storage tanks (6)	1/26/2005	AOC
54-022	Transformer spill (PCB), PCB only site	1/26/2005	AOC
TA-55			
55-001	Cement plant	1/26/2005	AOC
55-002(a)	Rad waste storage area	1/26/2005	AOC
55-002(b)	Rad waste storage area	1/26/2005	AOC
55-002(c)	Container storage area	1/26/2005	AOC

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55-003	Containment area	1/26/2005	AOC
55-004	Evaporator	1/26/2005	AOC
55-005	Filtration Unit	1/26/2005	AOC
55-006	Glass breaker	1/26/2005	AOC
55-007	Thermal combustion unit	1/26/2005	AOC
55-009	Sumps and Tanks	4/22/2007	SWMU
55-010	Solvent spills	1/26/2005	AOC
55-011(a)	Storm drain	1/26/2005	AOC
55-011(b)	Storm drain	1/26/2005	AOC
55-011(c)	Storm drain	1/26/2005	AOC
55-011(d)	Storm drain	1/26/2005	AOC
55-011(e)	Storm drain	1/26/2005	AOC
55-012	Container storage area	1/26/2005	AOC
55-013(a)	Storage area	1/26/2005	AOC
55-013(b)	Storage area	1/26/2005	AOC
TA-57			
57-001(a)	Drilling mud pits	1/26/2005	AOC
57-003	Container storage facility	1/26/2005	AOC
57-005	Pond filtration unit	1/26/2005	AOC
TA-59			
59-001	Former Septic System	5/2/2001	SWMU
59-002	Container storage area	1/26/2005	AOC
59-003	Sump	1/26/2005	AOC
TA-60			
60-001(a)	Storage Area	6/26/2003	AOC
60-001(b)	Storage Area	1/26/2005	AOC
60-001(c)	Storage Area	1/26/2005	AOC
60-001(d)	Storage area - pesticide shed	1/26/2005	AOC
60-003	Oil-water separator	1/26/2005	AOC
60-004(a)	Storage area	1/26/2005	AOC
60-005(b)	Drilling mud pit	1/26/2005	AOC
60-006(b)	Septic system	1/26/2005	AOC
60-006(c)	Septic tank	1/26/2005	AOC
C-60-001	Underground tank	1/26/2005	AOC
C-60-002	Underground tank	1/26/2005	AOC
C-60-003	One-time spill at pesticide shed	1/26/2005	AOC
C-60-004	Underground tank	1/26/2005	AOC
TA-61			
61-001	Storage area	1/26/2005	AOC
61-003	Burn sites	1/26/2005	AOC
61-004(a)	Former Septic Tank	5/2/2001	SWMU
61-004(b)	Septic tank	1/26/2005	AOC
61-004(c)	Septic System	1/26/2005	AOC
C-61-001	Leak from transformer storage area – PCB only site	1/26/2005	AOC
TA-63			
63-002	Container storage area	1/26/2005	AOC
TA-64			
64-001	Storage area	1/26/2005	AOC
TA-69			
69-002(a)	Septic system	1/26/2005	AOC
69-002(b)	Septic system	1/26/2005	AOC
TA-72			
72-002	Firing site	1/26/2005	AOC

72-003(a)	Septic system	1/26/2005	AOC
72-003(b)	Septic system	1/26/2005	AOC
TA-73			
73-005	Surface disposal site	09/05/2003	SWMU
73-007	Septic Tank and Drainlines	09/05/2003	AOC
C-73-001	Underground tank	1/26/2005	AOC
C-73-002	Underground tank	1/26/2005	AOC
C-73-003	Underground tank	1/26/2005	AOC
C-73-004	Underground tank	1/26/2005	AOC
C-73-005(a)	Unlined Septic Tank/Outhouse Trench	09/05/2003	AOC
C-73-005(b)	Unlined Septic Tank/Outhouse Trench	09/05/2003	AOC
C-73-005(c)	Unlined Septic Tank/Outhouse Trench	09/05/2003	AOC
C-73-005(d)	Unlined Septic Tank/Outhouse Trench	09/05/2003	AOC
C-73-005(e)	Unlined Septic Tank/Outhouse Trench	09/05/2003	AOC
C-73-005(f)	Unlined Septic Tank/Outhouse Trench	09/05/2003	AOC

Attachment 2

Certification Statement

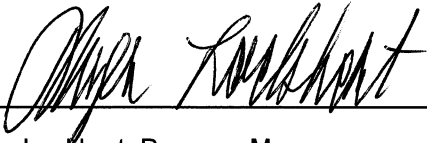
CERTIFICATION

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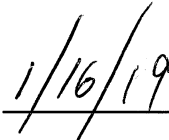
CERTIFICATION STATEMENT OF AUTHORIZATION

In accordance with the New Mexico Administrative Code Title 20, Chapter 4, Part 1 (incorporating the Code of Federal Regulations, Title 40 CFR § 270.11):

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



Frazer Lockhart, Program Manager
Regulatory and Stakeholder Interface
Newport News Nuclear BWXT – Los Alamos, LLC



Date



Arturo Q. Duran, Compliance and Permitting Manager
Office of Quality and Regulatory Compliance
Environmental Management
Los Alamos Field Office



Date

