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Date: **OCT 21 2015**

Refer To: ADESH-15-144

LAUR: 15-27297

Locates Action No.: N/A

Isaac Chen
Permits and Technical Assistance Section (6WQ-PP)
Water Quality Protection Division
U.S. Environmental Protection Agency, Region 6
1445 Ross Avenue, Suite 1200
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Subject: NPDES Permit No. NM0030759 – Request for Permit Modification, Removal of Sites 16-010(b) (CDV-SMA-2.42), 16-010(c) (CDV-SMA-2.5), 16-010(d) (CDV-SMA-2.5), and 16-018 (CDV-SMA-2.41)

Dear Mr. Chen:

The U.S. Department of Energy (DOE) and Los Alamos National Security, LLC (LANS) (the Permittees) are submitting the attached request for permit modification to Region 6 of the U.S. Environmental Protection Agency (EPA) to modify Appendixes A and B of National Pollutant Discharge Elimination System (NPDES) Permit No. NM0030759 (the Individual Permit or Permit) to remove Sites 16-010(b), 16-010(c), 16-010(d), and 16-018 in site monitoring areas (SMAs) CDV-SMA-2.42, CDV-SMA-2.5, CDV-SMA-2.5, and CDV-SMA-2.41, respectively. Sites 16-010(b), 16-010(c), 16-010(d), and 16-018 are hazardous waste management units that are subject to the closure requirements of the Resource Conservation and Recovery Act (RCRA). Previously, these Sites had been identified as RCRA corrective action units as well as hazardous waste management units. The Los Alamos National Laboratory's (the Laboratory's) RCRA Hazardous Waste Facility Permit issued in November 2010 has clarified the status of these units under RCRA. The Individual Permit covers only storm water discharges from RCRA corrective action units (i.e., SWMUs and AOCs).

The Permittees request a modification to the Individual Permit, pursuant to Title 40 of the Code of Federal Regulations (CFR) §122.62 (a)(2) and Part II.E of the Individual Permit, to specifically approve the following changes:

Appendix A, p. 9: Delete Site 16-010(b) and SMA CDV-SMA-2.42, delete Sites 16-010(c) and 16-010(d) from CDV-SMA-2.5, and delete Site 16-018 and CDV-SMA-2.41.

Appendix B, p. 9: Delete Site 16-010(b) and CDV-SMA-2.42, delete Sites 16-010(c) and 16-010(d) from CDV-SMA-2.5, and delete Site 16-018 and CDV-SMA-2.41.

In accordance with the Laboratory's Hazardous Waste Facility Permit, issued in November 2010, Sites 16-010(b), 16-010(c), 16-010(d), and 16-018 are no longer identified as solid waste management units (SWMUs) or areas of concern (AOCs) but are instead identified as hazardous waste management units. This change in status constitutes significant new information not available when the application for the Individual Permit was submitted in 2005. This request is submitted pursuant to 40 CFR §122.62(a)(2) to modify the Individual Permit based on significant new information. Because the Individual Permit covers only storm water discharges from SWMUs and AOCs, Sites 16-010(b), 16-010(c), 16-010(d), and 16-018 no longer require coverage under the Individual Permit.

Upon approval of this permit modification request, Sites 16-010(b), 16-010(c), 16-010(d), and 16-018 no longer will be regulated under the Individual Permit.

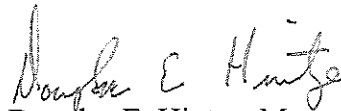
If you have any questions, please contact Terrill Lemke at (505) 665-2397 (tlemke@lanl.gov) or David Rhodes at (505) 665-5325 (david.rhodes@em.doe.gov).

Sincerely,



Alison M. Dorries, Division Leader
Environmental Protection Division
Los Alamos National Laboratory

Sincerely,



Douglas E. Hintze, Manager
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AD/DH/BR/SV:sm

Attachment: NPDES Permit No. NM0030759 – Request for Permit Modification, Removal of Sites 16-010(b) (CDV-SMA-2.42), 16-010(c) (CDV-SMA-2.5), 16-010(d) (CDV-SMA-2.5), and 16-018 (CDV-SMA-2.41)

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**NPDES PERMIT NO. NM0030759,
REQUEST FOR PERMIT MODIFICATION,
DELETION OF SITES
16-010(b) REGULATED WITHIN SITE MONITORING AREA CDV-SMA-2.42,
16-010(c) REGULATED WITHIN SITE MONITORING AREA CDV-SMA-2.5,
16-010(d) REGULATED WITHIN SITE MONITORING AREA CDV-SMA-2.5, AND
16-018 REGULATED WITHIN SITE MONITORING AREA CDV-SMA-2.41**

1.0 INTRODUCTION

On February 13, 2009, Region 6 of the U.S. Environmental Protection Agency (EPA) issued Individual Industrial Storm Water National Pollutant Discharge Elimination System (NPDES) Permit No. NM0030759 (the Individual Permit or Permit) to the U.S. Department of Energy (DOE) and Los Alamos National Security, LLC (LANS) (collectively, the Permittees). The Individual Permit was subsequently modified on September 30, 2010, and became effective on November 1, 2010. The Individual Permit regulates storm water discharges associated with industrial activities from specified solid waste management units (SWMUs) and/or areas of concern (AOCs) (collectively, "Sites"). SWMUs and AOCs are Sites where releases may have occurred and may require corrective action under a facility's Resource Conservation and Recovery Act (RCRA) permit.

The Permittees request a modification to the Individual Permit, pursuant to 40 Code of Federal Regulations (CFR) §122.62 (a)(2) and Part II.E, to specifically approve the following changes:

- Appendix A, p. 9: Delete Site 16-010(b) and site monitoring area (SMA) CDV-SMA-2.42, delete Sites 16-010(c) and 16-010(d) from CDV-SMA-2.5, and delete Site 16-018 and CDV-SMA-2.41.
- Appendix B, p. 9: Delete Site 16-010(b) and CDV-SMA-2.42, delete Sites 16-010(c) and 16-010(d) from CDV-SMA-2.5, and delete Site 16-018 and CDV-SMA-2.41.

Sites 16-010(b), 16-010(c), 16-010(d), and 16-018 were identified as Moderate Priority Sites under Part I.E.4 (b) of the Individual Permit. This identification was based on their inclusion as SWMUs in Module VIII of Los Alamos National Laboratory's (LANL's or the Laboratory's) Hazardous Waste Facility Permit (EPA 1994, 044146). In addition to being identified as SWMUs subject to RCRA corrective action requirements of Module VIII, the Sites were also hazardous waste management units subject to RCRA closure requirements. Module VIII was replaced by the Compliance Order on Consent (Consent Order), which clarified that Sites could not be subject to both RCRA corrective action and closure requirements (Consent Order Section III.W.1). Consistent with this requirement, the Laboratory's final Hazardous Waste Facility Permit, issued in November 2010, no longer identifies Sites 16-010(b), 16-010(c), 16-010(d), and 16-018 as corrective action units (i.e., SWMUs or AOCs) and lists them only as hazardous waste management units.

This information was not available when the Individual Permit was issued. Upon approval of this Permit modification request, Sites 16-010(b), 16-010(c), 16-010(d), and 16-018 will be deleted from the Individual Permit.

1.1 Site Descriptions

Site 16-010(b) is structure 16-387, a former flash pad located at the Technical Area 16 (TA-16) burning ground. The flash pad was enclosed within a 100- × 100-ft fenced area and consisted of a layer of sand several inches thick over a soil base. The pad was built in 1951 and was used to flash-burn solid and

scrap high explosives (HE), HE-contaminated equipment and debris, and HE-contaminated combustible material. Sand and residues from flash-pad operations were disposed of at Material Disposal Area (MDA) P (currently covered in the Individual Permit at CDV-SMA-2.41). The flash pad operated as a hazardous waste treatment unit under RCRA Interim Status and underwent RCRA closure between 1999 and 2005. Closure activities included removing the flash pad and associated debris and removing soil and bedrock below and next to the former pad. The former flash pad and MDA P were closed and remediated together along with adjacent SWMUs known collectively as Consolidated Unit 16-016(c)-99; for cleanup and closure purposes, the Sites were referred to as MDA P Site. Confirmation samples were collected as part of the closure of MDA P Site and included Site 16-010(b). The Site Closure Certification Report was approved by the New Mexico Environment Department (NMED) on November 10, 2005 (NMED 2005, 093247).

The Site 16-010(b) flash pad is listed in Attachment J, Table J-3, of the Laboratory's Hazardous Waste Facility Permit (Closed Portion of the Facility not in Post-Closure Care [Attachment 1 to this request]) as TA-16-387. Site 16-010(b) is not listed in Attachment K of the Laboratory's Hazardous Waste Facility Permit (Listing of SWMUs and AOCs [Attachment 2 to this request]); therefore, the Site is not subject to the Consent Order or, by extension, the Individual Permit.

Site 16-010(c) is a flash pad, structure 16-388, located at the TA-16 burning ground. The current flash pad consists of a 22- × 22-ft concrete pad set on a secondary containment area and surrounded on three sides by a concrete wall. Before treatment, the HE-contaminated wastes are placed on steel pallets or steel trays. Propane burners are used as heat sources to treat the wastes at the flash pad, which can be covered with a movable steel roof when the pad is not in use. The current burn tray consists of a stainless-steel kettle that is 30 in. in diameter and 24 in. high. Propane burners are used to treat HE-contaminated liquid wastes at the burn tray. The entire assembly is provided with secondary containment.

The Site 16-010(c) flash pad is listed in Attachment J, Table J-1, of the Laboratory's Hazardous Waste Facility Permit (Active Portion of the Facility [Attachment 1 to this request]) as TA-16-388, an Interim Status Unit. Site 16-010(c) is not listed in Attachment K of the Laboratory's Hazardous Waste Facility Permit (Listing of SWMUs and AOCs [Attachment 2 to this request]); therefore, the Site is not subject to the Consent Order or, by extension, the Individual Permit.

Site 16-010(d) is a former burn table that was converted to a burn tray, structure 16-399, located at the TA-16 burning ground. The 100- × 100-ft enclosed area consists of a concrete pad, a burn table that is approximately 2 ft above the ground surface, and a 16- × 4-ft metal tray situated on the table. Scrap HE was placed on the tray and burned. A metal-covered rain guard can be rolled back to expose the tray.

The Site 16-010(d) burn tray is listed in Attachment J, Table J-1, of the Hazardous Waste Facility Permit (Active Portion of the Facility [Attachment 1 to this request]) as TA-16-399, an Interim Status Unit not authorized to treat hazardous waste and undergoing closure. Site 16-010(d) is not listed in Attachment K of the Laboratory's Hazardous Waste Facility Permit (Listing of SWMUs and AOCs [Attachment 2 to this request]); therefore, the Site is not subject to the Consent Order or, by extension, the Individual Permit.

Site 16-018 is the former location of MDA P, north of the TA-16 burning ground near the south rim of Cañon de Valle. MDA P operated from 1950 to 1984 as a disposal site for debris that remained after HE and HE-contaminated material were burned at TA-16. Concrete and construction debris were deposited directly on the slopes leading down into the canyon. Other materials were burned at one of the nearby open-burn units, and the resulting debris or residue was pushed over the mesa rim into the canyon. The western area of MDA P primarily received construction debris from the demolition of World War II-era buildings; the eastern area received debris and residue from the open-burn units. MDA P underwent RCRA closure between 1999 and 2005. During closure, approximately 55,000 yd³ of soil, rock, metal, and

concrete debris was excavated from MDA P. Of this quantity, 21,506 yd³ of soil was disposed of as hazardous waste. The remainder of this quantity consisted of industrial waste soils, concrete, and metal debris that was recycled or managed as industrial waste and rock that was decontaminated and then used as riprap within TA-16. Other excavated waste included 3947 lb of asbestos-containing material; 888 containers of unknown contents; 95 miscellaneous metal objects; 3240 lb of low-level waste; 5389 lb of mixed waste; and various smaller quantities of HE, HE-contaminated debris, and residuals from treating HE. Scrap metal and concrete were shipped to recycling facilities. Contaminated soils and industrial wastes were shipped to off-site solid waste landfills. Solid, nonhazardous wastes were disposed of at MDA J. The nature and extent have been defined for chemicals and radionuclides detected at SWMU 16-018. The Site Closure Certification Report was approved by NMED on November 10, 2005 (NMED 2005, 093247).

The Site 16-018 disposal area is listed in Attachment J, Table J-3, of the Hazardous Waste Facility Permit (Closed Portion of the Facility not in Post-Closure Care [Attachment 1 to this request]) as TA-16 Material Disposal Area P. Site 16-018 is not listed in Attachment K of the Laboratory's Hazardous Waste Facility Permit (Listing of SWMUs and AOCs [Attachment 2 to this request]); therefore, the Site is not subject to the Consent Order or, by extension, the Individual Permit.

1.2 SMA Descriptions

Under the Individual Permit, storm water monitoring for Site 16-010(b) is conducted at CDV-SMA-2.42. The SMA drainage area is approximately 0.62 acres consisting of undeveloped and industrially developed areas of TA-16 (Figure 1). Runoff from the SMA drainage area flows north to Cañon de Valle.

Under the Individual Permit, storm water monitoring for Sites 16-010(c) and 16-010(d), as well as Site 16-028(a), is conducted at CDV-SMA-2.5. The SMA drainage area is approximately 23.1 acres consisting of undeveloped and industrially developed areas of TA-16 (Figure 2). Runoff from the SMA drainage area flows south to Fishladder Canyon, a tributary of Cañon de Valle.

Under the Individual Permit, storm water monitoring for Site 16-018 is conducted at CDV-SMA-2.41. The SMA drainage area is approximately 2.5 acres consisting of undeveloped and formerly developed areas of TA-16 (Figure 3). Runoff from the SMA drainage area flows north to Cañon de Valle.

1.3 Description of Water Canyon/Cañon de Valle Watershed

The Water Canyon/Cañon de Valle watershed is located in the southern portion of the Laboratory. Cañon de Valle, the largest tributary to Water Canyon, originates on the flanks of the Sierra de Los Valles in the Valles Caldera National Preserve. Cañon de Valle remains on the Valles Caldera National Preserve for 0.8 mi and then passes through 3.1 mi of the Santa Fe National Forest before it crosses into Laboratory property at the western boundary of TA-16. It extends east-southeast across the Laboratory from TA-16 to its confluence with Water Canyon. The Cañon de Valle watershed has a drainage area of 4.4 mi² and a channel length of 7.7 mi.

The total drainage area for the Water Canyon/Cañon de Valle watershed above the Rio Grande, including Cañon de Valle and other tributaries, is 19.1 mi², and the total drainage length is about 14.1 mi. Most of the Water Canyon/Cañon de Valle watershed, approximately 65% (including all tributaries), is within the boundaries of the Laboratory. Approximately 28% of the watershed is on Santa Fe National Forest land, 4% is within the Valles Caldera National Preserve, 2% is within Bandelier National Monument, and 2% is on private land or Los Alamos County land in White Rock.

2.0 SUMMARY OF THE PERMIT MODIFICATION REQUEST

EPA Region 6 may approve a permit modification based on “new information not available at the time of permit issuance” pursuant to 40 CFR §122.62(a)(2) and Individual Permit Part II.E. The Individual Permit application was submitted to EPA Region 6 on February 2, 2005, as required by the Federal Facility Compliance Agreement. The Individual Permit was issued in 2009 and modified in 2010. Since the Permit was issued, however, significant new information has become available as a result of issuance of a final Hazardous Waste Facility Permit in November 2010 by NMED (EPA ID No. NM0890010515).

Sites 16-010(b), 16-010(c), 16-010(d), and 16-018 had originally been identified as RCRA corrective action units (i.e., SWMUs) in Module VIII of the Laboratory’s Hazardous Waste Facility Permit, which was issued in 1994 (EPA 1994, 044146). The Consent Order was issued in 2005 pursuant to the New Mexico Hazardous Waste Act and New Mexico Solid Waste Act to replace Module VIII and prescribes requirements for corrective action, including investigation and cleanup of SWMUs and AOCs in accordance with New Mexico Hazardous Waste Regulations. The Consent Order clarified that sites should not be subject to both RCRA corrective action and RCRA closure requirements (Consent Order Section III.W.1) but did not specify which of the two requirements should apply for sites potentially subject to both. Final clarification on that issue was provided by the Laboratory’s new Hazardous Waste Facility Permit, which became effective in November 2010. Attachment J of the Hazardous Waste Facility Permit (Attachment 1 to this request) lists Hazardous Waste Management Units (i.e., sites subject to RCRA closure requirements), and Attachment K (Attachment 2 to this request) lists SWMUs and AOCs (i.e., sites subject to RCRA corrective action requirements). Sites 16-010(b), 16-010(c), 16-010(d), and 16-018 are listed in Attachment J but not in Attachment K. Section 11.1 of the Hazardous Waste Facility Permit also specifies that sites shall not be subject to both corrective action requirements under the Consent Order and to closure requirements under the Hazardous Waste Facility Permit.

When the application for the Individual Permit was submitted to EPA Region 6 in 2005, Sites 16-010(b), 16-010(c), 16-010(d), and 16-018 were considered to be RCRA corrective action units and were included in the Individual Permit application. Since then, NMED has determined that they are hazardous waste management units and not SWMUs or AOCs. The final determination in the Hazardous Waste Facility Permit of hazardous waste management units and SWMUs and AOCs constitutes significant new information not available at the time the application for the Individual Permit was submitted to EPA. The Individual Permit Sites consist exclusively of SWMUs and AOCs. The Permittees have since obtained a new Hazardous Waste Facility Permit, which includes the Sites as active hazardous waste management units subject to RCRA closure and not to corrective action. Because they are not corrective action sites, they should be deleted from the Individual Permit. As hazardous waste management units, these Sites are regulated under Sector K of the Multi-Sector General Permit.

3.0 CONCLUSION

EPA Region 6 may approve a permit modification request based on “new information not available at the time of permit issuance” pursuant to 40 CFR §122.62 (a)(2). New and substantial information presented in this report demonstrates that Sites 16-010(b), 16-010(c), 16-010(d), and 16-018 are not SWMUs or AOCs. Because the Individual Permit authorizes discharges of storm water associated with industrial activities only from specified SWMUs and AOCs, Sites 16-010(b), 16-010(c), 16-010(d), and 16-018 are no longer considered SWMUs and should be deleted from the Individual Permit.

4.0 REFERENCES

The following list includes all documents cited in this report. Parenthetical information following each reference provides the author(s), publication date, and ER ID or ESH ID. This information is also included in text citations. ER IDs were assigned by the Environmental Programs Directorate's Records Processing Facility (IDs through 599999), and ESH IDs are assigned by the Environment, Safety, and Health Directorate (IDs 600000 and above). IDs are used to locate documents in the Laboratory's Electronic Document Management System and, where applicable, in the master reference set.

EPA (U.S. Environmental Protection Agency), April 19, 1994. "Module VIII. Special Conditions Pursuant to the 1984 Hazardous and Solid Waste Amendments to RCRA for Los Alamos National Laboratory, EPA ID NM0890010515," EPA Region 6, Hazardous Waste Management Division, Dallas, Texas. (EPA 1994, 044146)

NMED (New Mexico Environment Department), November 10, 2005. "Approval of the Material Disposal Area P Site Closure Certification Report, Revision 1," New Mexico Environment Department letter to G. Turner (DOE LASO) and R.W. Kuckuck (LANL Director) from J.P. Bearzi (NMED-HWB), Santa Fe, New Mexico. (NMED 2005, 093247)

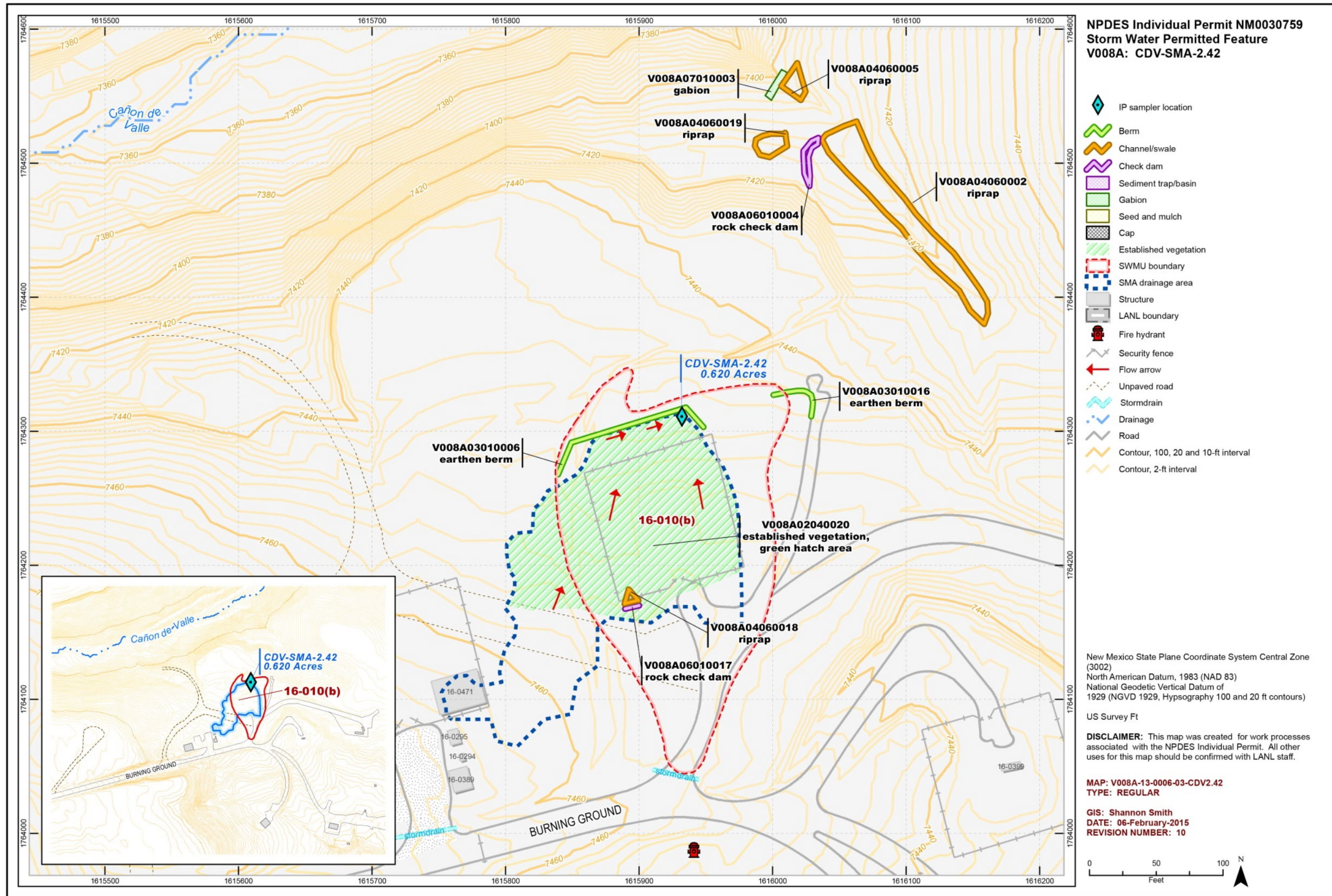


Figure 1 Location of CDV-SMA-2.42 location

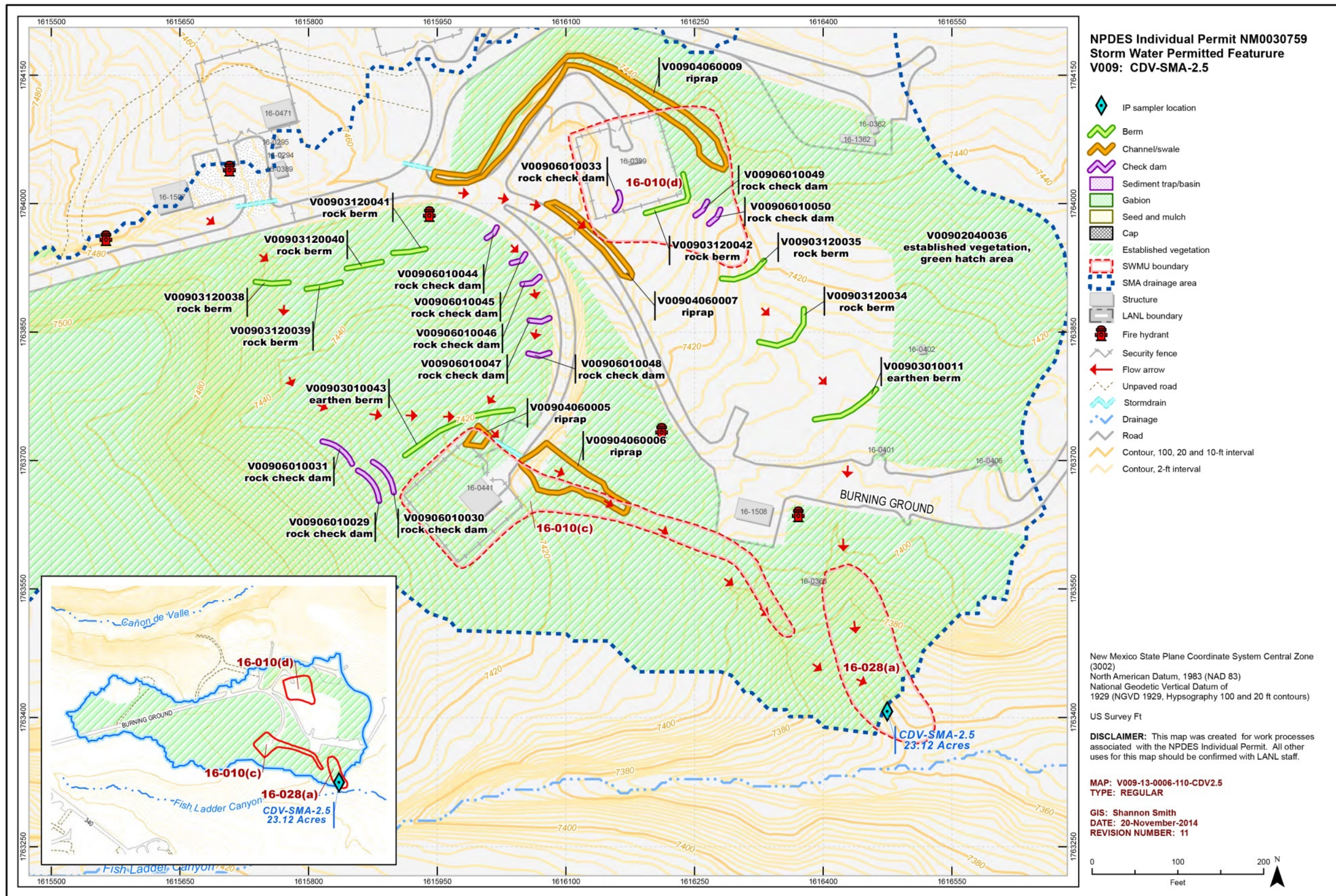


Figure 2 Location of CDV-SMA-2.5

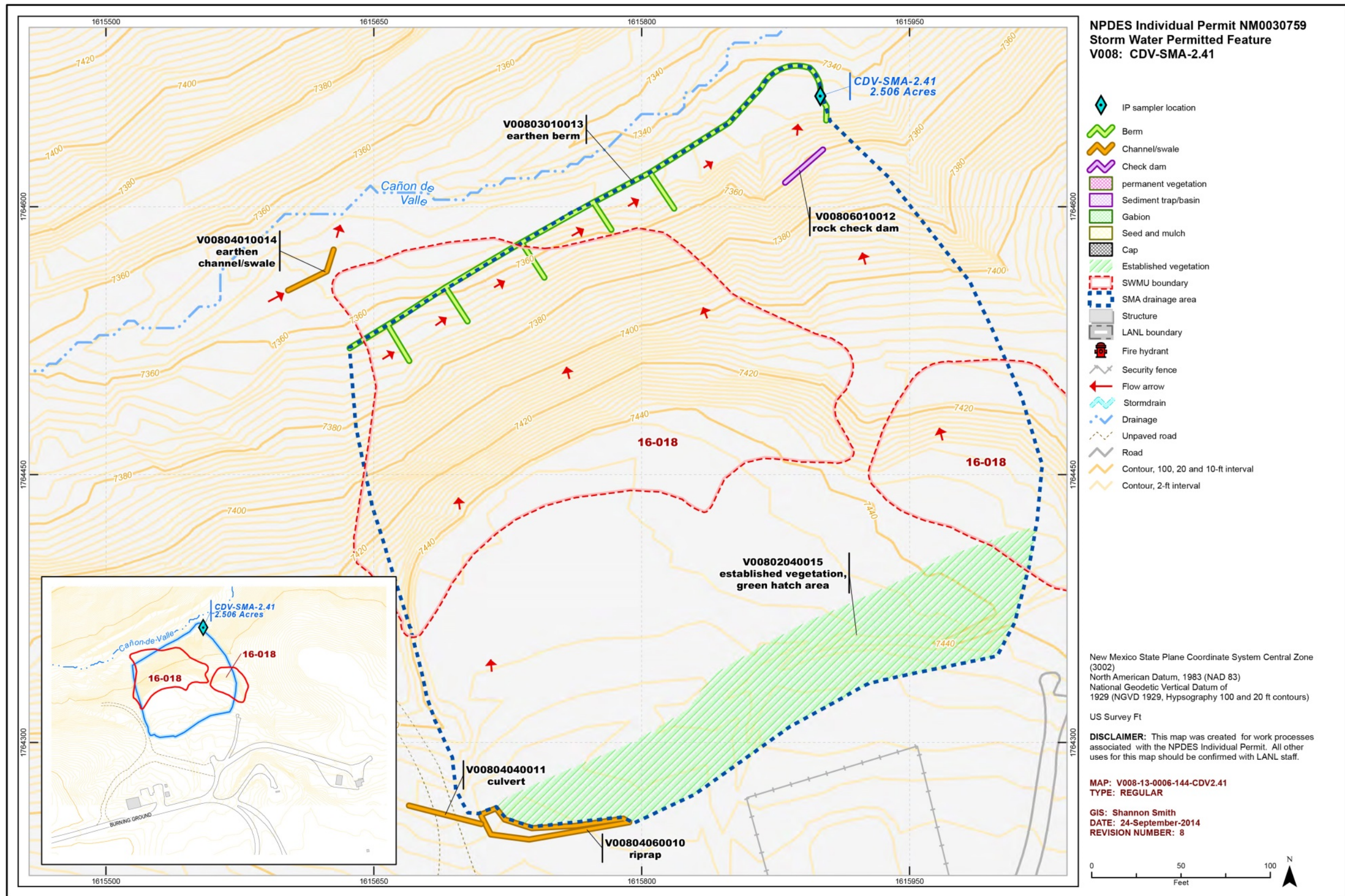


Figure 3 Location of CDV-SMA-2.41

Attachment 1

Attachment J to LANL's Hazardous Waste Facility Permit

ATTACHMENT J
HAZARDOUS WASTE MANAGEMENT UNITS

TABLE J-1

Active Portion of the Facility

Includes units permitted to store and treat hazardous waste, interim status units, and the Material Disposal Areas.

Process codes and associated process descriptions:

- S01-storage in containers
- S02-storage in tanks
- S99-other storage
- D80-landfill
- T04 – treatment in tanks
- X01*-open burning
- X01**-open detonation

Unit Identifier	Process Codes	Operating Capacity	General Information	Type of Unit
TA-3-29	S01	18,500 gal	Includes Room 9010 and portions of Room 9020 and 9030 Located in Wing 9 of the basement of Building 29 Total square footage – 3,040	Indoor
TA-14-23	X01*	50 lbs HE/burn	Near Structure TA-14-23 Interim Status Unit	NA
TA-14-23	X01**	20 lbs HE/detonation	Near Structure TA-14-23 Interim Status Unit	NA
TA-16-388	X01*		Flash Pad Total square footage - 484 Interim Status Unit	Outdoor (associated with an open burn unit)
TA-16-399	X01*		Burn Tray Total square footage - 64 Interim Status Unit not authorized to treat hazardous waste and undergoing closure	Outdoor (associated with an open burn unit)

Unit Identifier	Process Codes	Operating Capacity	General Information	Type of Unit
TA-36-8	X01**	2000 lbs/ detonation	Near Structure TA-36-8 Interim Status Unit	NA
TA-39-6	X01**	1000 lbs/ detonation	Near Structure TA-39-6 Interim Status Unit	NA
TA-39-57	X01**	1000 lbs/ detonation	Near Structure TA-39-57 Interim Status Unit	NA
TA-50-69 Indoor	S01	1,500 gal	Includes Rooms 102 and 103. Total square footage – 2,680	Indoor
TA-50-69 Outdoor Pad	S01	30,000 gal	Includes 50-75 and 50-194. Total square footage – 2,160	Outdoor (not associated with a regulated unit)
TA-54 “G”	D80	NA	Material Disposal Area Unit not permitted to receive hazardous waste	Regulated unit
TA-54 Area G Container Storage Unit (below ground)	S99	4,950 gal	Includes shafts 145 and 146 Wastes removed and unit undergoing closure, closure certification incomplete	NA
TA-54 Area G Pad 1	S01	502,920 gal	Includes building TA-54-412 (DVRs) Approximately 76,000 square feet	Outdoor (associated with a regulated unit)
TA-54 Area G Pad 3	S01	213,840 gal	Includes Storage Dome 48 Approximately 17,000 square feet	Outdoor (associated with a regulated unit)
TA-54 Area G Pad 5	S01	623,480 gal	Includes Storage Domes 49 and 224; Storage Sheds 144, 145, 146, 177, 1027, 1028, 1030, and 1041 Pad 5 is a consolidation of	Outdoor (associated with a regulated unit)

Unit Identifier	Process Codes	Operating Capacity	General Information	Type of Unit
			former Pads 5, 7, and 8. Total square footage – 59,900	
TA-54 Area G Pad 6	S01	597,300 gal	Includes Storage Domes 153 and 283; and Transportainer 491. Approximately 62,700 square feet	Outdoor (associated with an regulated unit)
TA-54 Area G Pad 9	S01	1,446,720 gal	Includes Storage Domes 229, 230, 231, and 232. Total square footage – 158,000	Outdoor (associated with a regulated unit)
TA-54 Area G Pad 10	S01	159,770 gal	Includes Transuranic (TRU) Waste Characterization Facilities: TA-54-0547 (SuperHENC), TA-54-0497 (RTR2), TA-54-0498 (LANL HENC), TA-54-0506 (MCS HENC), TA-54-0545 and 546 (Storage trailers). Pad 10 is a consolidation of former Pads 2 and 4. Approximately 89,600 square feet	Outdoor (associated with a regulated unit)
TA-54 Area G Pad 11	S01	682,440 gal	Includes Storage Dome 375 and TA-54-0362 (RTR1) Total square footage – 65,500	Outdoor (associated with a regulated unit)
TA-54 Area G Storage Shed 8	S01	11,880 gal	Also referred to as TA-54-8 Total square footage - 640	Indoor
TA-54 Area G TA-54-33	S01	108,240 gal	Also referred to as Drum Prep Facility Total square footage – 8,570	Indoor
TA-54 “H”	D80	NA	Material Disposal Area H Unit not permitted to receive	Regulated unit

Unit Identifier	Process Codes	Operating Capacity	General Information	Type of Unit
			hazardous waste	
TA-54 "L"	D80	NA	Material Disposal Area L Unit not permitted to receive hazardous waste	Regulated unit
TA-54 Area L Container Storage Unit (below ground)	S99	600 gal	Includes shafts 36 and 37 Wastes removed and unit undergoing closure, closure certification incomplete	NA
TA-54 Area L Outdoor Pad	S01	407,880 gal	Includes all area within fence-line except limited administrative areas. Includes Storage Sheds 31, 68, 69, and 70; Storage Pads 32, 35, 36, and 58; and Building 39; and Storage Dome 215 (former Area 1). Total square footage – 110,500	Outdoor (associated with a regulated unit)
TA-54-38 West Indoor	S01	4,950 gal	Includes High Bay and Low Bay Total square footage – 4,060	Indoor
TA-54-38 West Outdoor Pad	S01	29,160 gal	Includes loading dock and Pad surrounding Total square footage – 37,900	Outdoor (not associated with a regulated unit)
TA-54-38 West Outdoor Pad	S01	13,410 gal	Excess storage capacity Included in total square footage above	Outdoor (not associated with a regulated unit)
TA-55-4, B40	S01	21,500 gal	Located in basement Referred to as Area 1 Total square footage – 3,380	Indoor
TA-55-4, K13	S01	2,500 gal	Located in basement	Indoor

Unit Identifier	Process Codes	Operating Capacity	General Information	Type of Unit
			Referred to as Area 4 Total square footage - 208	
TA-55-4, B05	S01	3,600 gal	Located in basement Referred to as Area 5 Non-liquid wastes only Total square footage - 260	Indoor
TA-55-4, B45	S01	11,000 gal	Located in basement Non-liquid wastes only Total square footage - 788	Indoor
TA-55-4, Vault	S01	4,000 gal	Located in basement Referred to as Area 6 Total square footage – 4,020	Indoor
TA-55-4-401 Mixed Waste Storage Tank System	S02	Storage - 137 gal	TA-55-4 Room 401 Unit divided into two components (Evaporator Glovebox Storage Tank System and Cementation Storage Tank System), ancillary equipment and secondary containment. Total square footage – 4,500	Indoor
TA-55-4-401 Mixed Waste Stabilization Unit	T04	Treatment - 150 gal / day	TA-55-4 Room 401 Total square footage – 4,500	Indoor
TA-55-185	S01	30,000 gal	Located west of TA-55-4 Non-liquid wastes only Total square footage - 2,400	Indoor
TA-55-4 Outdoor Storage Pad	S01	135,000 gal	Located outside and west of TA-55-4 Includes building TA-55-PF-	Outdoor (not associated with a regulated unit)

Unit Identifier	Process Codes	Operating Capacity	General Information	Type of Unit
			190 Total square footage – 11,100	
TA-63 Transuranic Waste Facility	S01	105,875 gal	Includes TA-63-149 through 153 Storage Buildings, TA-63-154 Storage and Characterization Building, TA-63-155 through 157 Characterization Trailers, and Outside Storage Pad	Outdoor (not associated with a regulated unit)

TABLE J-2

Permitted Units Undergoing Post-Closure Care

There are no units in post-closure care.

Unit Identifier	Process Codes	Regulatory Status	Operating Capacity	General Information
(none)				

TABLE J-3

Closed Portion of the Facility not in Post-Closure Care

Closed units in this table are not considered units addressed under the Permit. Therefore, this table is for informational purposes only.

Process codes and associated process descriptions:

- D80-disposal trench
- D83-surface impoundment disposal
- S01-storage in containers
- S02-storage in tanks
- S04-surface impoundment
- S99-storage in shafts
- T01-treatment in tanks
- T03-incinerator
- T04-other treatment
- X01*-open burning
- X01**-open detonation

Unit Identifier	Process Codes	General Information
TA-3-102	S01	(High Explosives Storage Unit)
TA 9-39	S01	
TA 09-43	T04	Hydrothermal Processing Unit (HPU) unit never managed hazardous waste
TA-15-184,	T04, X01**	OD site (Phermix)) Site was never used to treat hazardous waste
TA-16-88	S01	unit never stored hazardous waste
TA-16-387	X01** T04	Flash Pad 387 Underwent RCRA closure in conjunction with Material Disposal Area (MDA) P in 2002.
TA-16-394	X01* and X01** T04	
TA-16-401	X01* and X01**	(Pressure Vessel - sand filter tank)

Unit Identifier	Process Codes	General Information
TA-16-406	X01* and X01**	(Pressure Vessel - sand filter tank)
TA-16 Surface Impoundment	S04 - D83	
TA-16 Incinerator	T03	(TA-16-1409)
TA-16, Material Disposal Area P	D80	
TA-21-61	S01	
TA-22-24	S01	(High Explosive Storage Unit)
TA-33-90	S01	Application was withdrawn and that the unit never stored hazardous waste.
TA-33-92	S01	Application was withdrawn and that the unit never stored hazardous waste.
TA-35-85, Surface Impoundment	S04 - D83	
TA-35-125, Surface Impoundment	S04 - D83	Closure by removal.
TA 35-128	T03	Packed Bed Reactor/Silent Discharge Plasma Research
TA-39, MDA-Y	D80	
TA-40, Scrap Detonation Unit	X01** T04	
TA-40-DF2 (magazine)	S01	Converted to a <90 day storage unit
TA-50-1, Batch Waste Treatment Unit (BWTU)	T01	
TA-50-1, Container Storage Unit(s) associated with BWTU	S01	
TA-50-1, Room 34B	S01	unit never managed hazardous waste
TA-50-1, Room 34C	S01	unit never managed hazardous waste
TA-50-1, Room 35	S01	unit never managed hazardous waste
TA-50-1, Room 36	S01	unit never managed hazardous waste

Unit Identifier	Process Codes	General Information
TA-50-1, Room 38	S01	unit never managed hazardous waste
TA-50-1, Room 38A	S01	unit never managed hazardous waste
TA-50-1, Room 59	S01	Radioactive Liquid Waste Treatment Facility (RLWTF)
TA-50-1, Room 60A	T04	Cementation Treatment Unit Proposed treatment process was revised to generator treatment in a < 90 day storage area.
TA-50-37	T03	Controlled Air Incinerator (CAI)
TA-50-37 RAMROD	T04	Radioactive Materials Research, Operations and Demonstration Facility (RAMROD). LANL withdraws permit request. Convert unit(s) to <90 day storage.
TA-50-37, Storage Tanks	S02	Located in Room 115
TA 50-37-112	S01, T03	Location of Controlled Air Incinerator (CAI), part of RAMROD Facility
TA-50-37-114	S01	Part of RAMROD
TA-50-37, Room 115	S01 - S02	Location of storage tanks and waste feed tanks Part of RAMROD
TA-50-37, Room 117	S01	Room used for container storage. Part of RAMROD
TA-50-37, Room 118	S01	Room used for container storage. Part of RAMROD
TA-50-114	S01	Storage shed
TA-50-137	S01	Storage Bldg Unit was never built
TA-50-138	S01	Storage Bldg Unit was never built
TA-50-139	S01	Storage pad Unit was never built

Unit Identifier	Process Codes	General Information
TA-50-140	S01	Storage pad Unit was never built
TA 53-166	S04	South Surface Impoundment Change from closure as a TSD to cleanup under HSWA
TA 53-166	S04	NE Surface Impoundment Change from closure as a TSD to cleanup under HSWA
TA 53-166	S04	NW Surface Impoundment Change from closure as a TSD to cleanup under HSWA
TA-54-L, Waste Oil Storage Tank (WOST)	S02	
TA-54-L, Truck Mounted Container Treatment System	T01	Unit was proposed in a 1993 permit modification and was withdrawn in a 1998 Part A.
TA-54-L, Bldg. 35, Storage/ Treatment Tanks (4)	S02 and (T01)	Pad below the tanks remains operational for waste storage.
TA-55-4, Oxygen Sparging Treatment Furnace	T04	
TA-55-4, B38	S01	Unit also referred to as TA-55-4, basement, Area 2
TA-55-4, basement. Area 7 North end of basement CSA	S01	Unit was never used for hazardous waste storage and was withdrawn in the 1998 Part A.
TA-55-4-401 Mixed waste Monitoring CSA (Area 8 also called FLO-1)	S01	Unit was never used for hazardous waste storage and was withdrawn in the 1998 Part A.
TA-55-4-401 Sphere Material Removal CSA (Area 9)	S01	Unit was never used for hazardous waste storage and was withdrawn in the 1998 Part A.

Unit Identifier	Process Codes	General Information
TA-55-4-401 CSA for Evaporator Salt Precipitate (Area 10)	S01	This unit was included as part of the evaporator glovebox storage tank system in the June 1996 TA-55 Part B
TA-55-4-433 Mixed Waste Monitoring CSA	S01	(Area 11 – referenced as Area 10 in June 1996) Unit was never used for hazardous waste storage and was withdrawn in the 1998 Part A.
TA-55-4-432 CSA Glovebox Process Waste	S01	(Area 12 - referenced as Area 11 in June 1996) Unit was never used for hazardous waste storage and was withdrawn in the 1998 Part A.
TA-55-41 CSA Vault	S01	Unit was never used for hazardous waste storage and was withdrawn in the 1998 Part A.
TA-63 Chemical Waste Treatment Skid	T01	This unit was never constructed and was withdrawn in the 1998 Part A application.
TA-63 Liquid Waste Storage Tanks (6)	S02	These tanks were never constructed and were withdrawn in the 1998 Part A application.

Attachment 2

Attachment K to LANL's Hazardous Waste Facility Permit

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(d)	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(s)	Waste Line
SWMU	01-001(t)	Waste Line
SWMU	01-001(u)	Waste Lines
SWMU	01-002(a)-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(b)	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
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(h)	Storm drain and outfall

Table K-1
SWMUs and AOCs Requiring Corrective Action

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
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

Table K-1
SWMUs and AOCs Requiring Corrective Action

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
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
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

Table K-1

SWMUs and AOCs Requiring Corrective Action

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)
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))

Table K-1
SWMUs and AOCs Requiring Corrective Action

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
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

Table K-1
SWMUs and AOCs Requiring Corrective Action

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
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

Table K-1
SWMUs and AOCs Requiring Corrective Action

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
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
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

Table K-1

SWMUs and AOCs Requiring Corrective Action

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
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

Table K-1
SWMUs and AOCs Requiring Corrective Action

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
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

Table K-1

SWMUs and AOCs Requiring Corrective Action

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
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

Table K-1
SWMUs and AOCs Requiring Corrective Action

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
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

Table K-1
SWMUs and AOCs Requiring Corrective Action

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
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

Table K-1
SWMUs and AOCs Requiring Corrective Action

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
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

Table K-1

SWMUs and AOCs Requiring Corrective Action

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
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

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SWMUs and AOCs Requiring Corrective Action

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
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

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SWMUs and AOCs Requiring Corrective Action

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
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

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SWMUs and AOCs Requiring Corrective Action

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
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

Table K-1
SWMUs and AOCs Requiring Corrective Action

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
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

Table K-1
SWMUs and AOCs Requiring Corrective Action

		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
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

Table K-1
SWMUs and AOCs Requiring Corrective Action

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
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

Table K-1
SWMUs and AOCs Requiring Corrective Action

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
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

Table K-1
SWMUs and AOCs Requiring Corrective Action

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)
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

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SWMUs and AOCs Requiring Corrective Action

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
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

Table K-1
SWMUs and AOCs Requiring Corrective Action

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)
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)

Table K-1

SWMUs and AOCs Requiring Corrective Action

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
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

Table K-1
SWMUs and AOCs Requiring Corrective Action

SWMU	33-017	Operationsl 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
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

Table K-1

SWMUs and AOCs Requiring Corrective Action

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
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

Table K-1
SWMUs and AOCs Requiring Corrective Action

SWMU	36-005	Surface Storage Area
SWMU	36-006	Surface Disposal Site
SWMU	36-008	New SWMU-Surface disposal Area located bear 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
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
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		

Table K-1
SWMUs and AOCs Requiring Corrective Action

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
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

Table K-1
SWMUs and AOCs Requiring Corrective Action

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
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		

Table K-1
SWMUs and AOCs Requiring Corrective Action

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
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

Table K-1
SWMUs and AOCs Requiring Corrective Action

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
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

Table K-1
SWMUs and AOCs Requiring Corrective Action

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
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

Table K-1
SWMUs and AOCs Requiring Corrective Action

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-2

SWMUs and AOCs
Corrective Action Complete With Controls
(At the time of permit issuance (XXXXX), this table has no entries.)

Table K-2
SWMUs and AOCs
Corrective Action Complete With Controls

Unit #	Unit Type	Date Corrective Action Completed	SWMU/AOC
+			

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
03-002(d)	Former storage Area	5/2/2001	SWMU

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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
03-039(c)	Silver recovery unit	1/26/2005	AOC

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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
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
16-012(n)	Satellite Accumulation Area	12/23/1998	SWMU

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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
21-025(b)	Operational facility	1/26/2005	AOC

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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			

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

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