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2	REPORT	8/1/2005	AGGREGATE AREAS LIST; MAPS AND Tas SWMUS /AOC N/A N/A N/A		

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Date: August 26, 2005
Refer to: ER2005-0635

Mr. James Bearzi
NMED – Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

SUBJECT: AGGREGATE AREAS LIST AND MAPS OF TECHNICAL AREAS, SOLID WASTE MANAGEMENT UNITS, AND AREAS OF CONCERN

Dear Mr. Bearzi:

Enclosed please find two hard copies with electronic files of the aggregate areas deliverable. This submission fulfills the requirement in Section V.B of the Consent Order to submit a list identifying all aggregate areas, solid waste management units, and areas of concern within each aggregate area, including those in the Facility Operating Permit. Maps depicting all current and former technical areas, solid waste management units, and areas of concern are also included.

If you have any questions, please contact Gabriela Lopez Escobedo at (505) 665-7352, email gabriela@lanl.gov or David Gregory at (505) 667-5808, email dgregory@doeal.gov.

Sincerely,

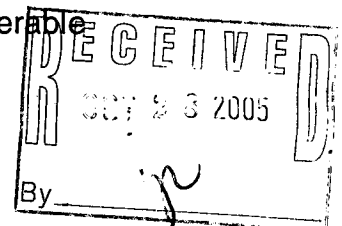
David McInroy, Deputy Program Director
Environmental Remediation & Surveillance
Los Alamos National Laboratory

Sincerely,

David Gregory, Federal Project Director
Department of Energy
Los Alamos Site Office

KB/jk

Enclosures: 1) Two hard copies with electronic files-aggregate areas deliverable
(ER2005-0226)



Cy: (w/enc)

K. Birdsall, ENV-ECR, MS M992
P. Reneau, ENV-ECR, MS M992
D. Gregory, DOE LASO, MS A316
L. King, EPA Region 6
ENV-ERS File, MS M992
RPF, MS M707
S-7, MS F674

Cy: (w/o enc)

A. Dorries, ENV-ECR, MS M992
D. McInroy, ENV-ERS, MS M992
G. Lopez Escobedo, ENV-ERS, MS M992
B. Rich, ADO, MS A104
L. Woodworth, DOE LASO, MS A316
D. Pepe, NMED-OB
IM-9, Ms A150

LA-UR-05-6234

August 2005

ER2005-0226

Aggregate Areas List; Maps of TAs, SWMUs/AOCs



LA-UR-05-6234
August 2005
ER2005-0226

Aggregate Areas List; Maps of TAs, SWMUs/AOCs



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Prepared by
Environmental Stewardship Division—
Environmental Remediation and Surveillance Program

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1.0 INTRODUCTION AND SCOPE

The Los Alamos National Laboratory (the Laboratory) is providing this document and an unbound set of maps in fulfillment of a requirement in Section V.B, Aggregate Areas, of the Compliance Order on Consent (the Consent Order) dated March 1, 2005.

Section V.B of the Consent Order states:

“Within 180 days of the effective date of this Consent Order, the Respondents shall submit to the Department a list identifying all Aggregate Areas. That list shall also identify all SWMUs and AOCs located within each Aggregate Area, including those listed in the Facility Operating Permit (the Aggregate Area list). The Respondents shall also submit maps depicting all current and former TAs, SWMUs and AOCs.”

2.0 WATERSHEDS AND SUBWATERSHEDS

Eight major watersheds consisting of thirty-six subwatersheds of the Rio Grande and one watershed (Lake Fork) located in the Jemez Mountains were initially identified as being potentially impacted by Laboratory activities.

The eight major watersheds of the Rio Grande were spatially defined using an ArcAML script and 1991 digital elevation data. The ArcAML script used hand-delineated “pour points” (singular points at which the drainages enter the Rio Grande) and a defined search radius to delineate the boundaries of each watershed. Figure 2.0-1 shows the boundaries of the eight following watersheds: Ancho, Chaquehui, Frijoles, Los Alamos, Mortandad, Pajarito, Sandia, and Water. The Rio Grande subwatersheds are identified in Figure 2.0-2 and listed in Table 2.0-1.

The boundary of the Lake Fork Watershed, which contains areas of concern (AOCs) associated with Technical Area (TA) 57, was approximated using the Seven Spring and Jemez Spring 1:24,000-scale United States Geological Survey topographic maps.

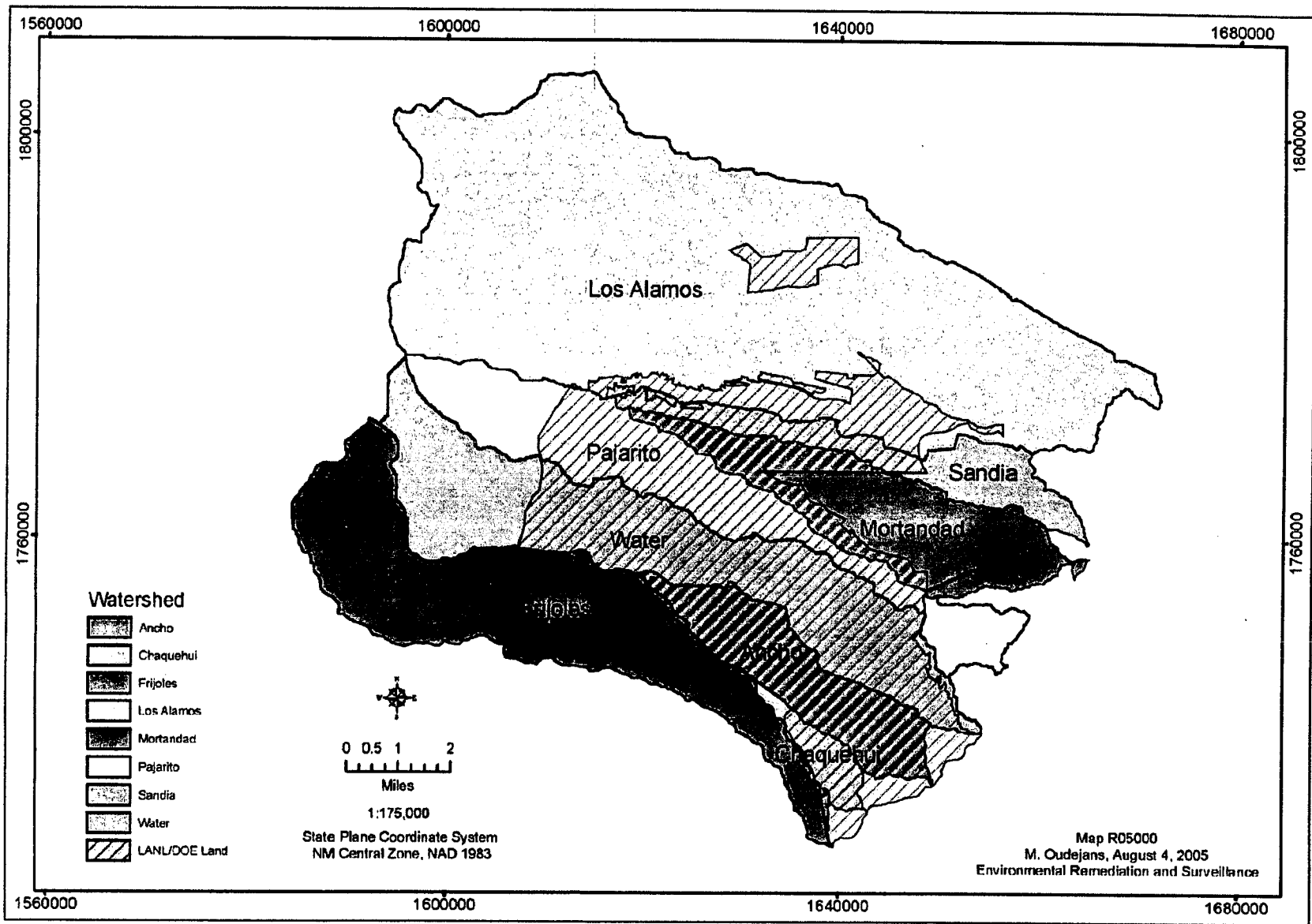


Figure 2.0-1. Rio Grande watersheds potentially impacted by Los Alamos National Laboratory

Table 2.0-1
Watersheds and Subwatersheds Potentially Impacted by Los Alamos National Laboratory

Watershed	Subwatersheds		
Los Alamos	Acid Canyon	Agua Piedra Canyon	Barrancas Canyon
	Bayo Canyon	Cabra Canyon	DP Canyon
	Graduation Canyon	Guaje Canyon	Los Alamos Canyon
	Pueblo Canyon	Quemazon Canyon	Rendija Canyon
	School Canyon	Vallecito de los Caballos	Vallecitos Canyon
	Walnut Canyon		
Sandia	Sandia Canyon		
Mortandad	Cañada del Buey	Cedro Canyon	Mortandad Canyon
	Ten Site Canyon		
Pajarito	Pajarito Canyon	Starmer's Gulch	Three-Mile Canyon
	Two-Mile Canyon	Upper Two-Mile Canyon	
Water	Cañon de Valle	Fence Canyon	Indio Canyon
	Potrillo Canyon	S-Site Canyon	Water Canyon
Ancho	South Ancho Canyon	North Ancho Canyon	
Chaquehui	Chaquehui Canyon		
Frijoles	Frijoles Canyon		
Lake Fork	Lake Fork		

3.0 AGGREGATE AREAS

The Consent Order defines an "aggregate area" as "...an area within a single watershed or canyon made up of one or more solid waste management units (SWMUs) or AOCs and the media affected or potentially affected by releases from those SWMUs or AOCs, and for which investigation or remediation, in part or in entirety, is conducted for the area as a whole in order to address area-wide contamination, ecological risk assessment, and other factors." Because an aggregate area is a tool for investigation and reporting, it is possible for a SWMU or AOC to be physically located in one subwatershed, but not assigned to the associated aggregate area. In addition, AOCs which are canyons are not assigned to an aggregate area and will be investigated pursuant to Section IV.B of the Consent Order.

All SWMUs and AOCs (with the exception of canyons, as stated above) were assigned to an aggregate area to ensure the cumulative impacts of all potentially collocated releases would be addressed in the corrective action process. The SWMUs and AOCs were assigned to the aggregate areas based on, but not limited to, factors such as operational history, nature of potential contamination, transport mechanisms and pathways, potential associated risk, and physical location. Maps 1 through 29 each depict a specific aggregate area and highlight those SWMUs and AOCs within that aggregate area.

The boundaries of the aggregate areas were mainly based on the boundaries of grouped subwatersheds as shown in Figure 2.0-2. However, the boundaries of several aggregate areas were adjusted to maximize integration, consistency, and efficiency within the various Laboratory organizations and programs.

Table 3.0-1 lists the twenty-nine aggregate areas within the eight major watersheds of the Rio Grande and one in the Jemez Mountains. Figure 3.0-1 shows the boundaries of the Rio Grande watersheds and

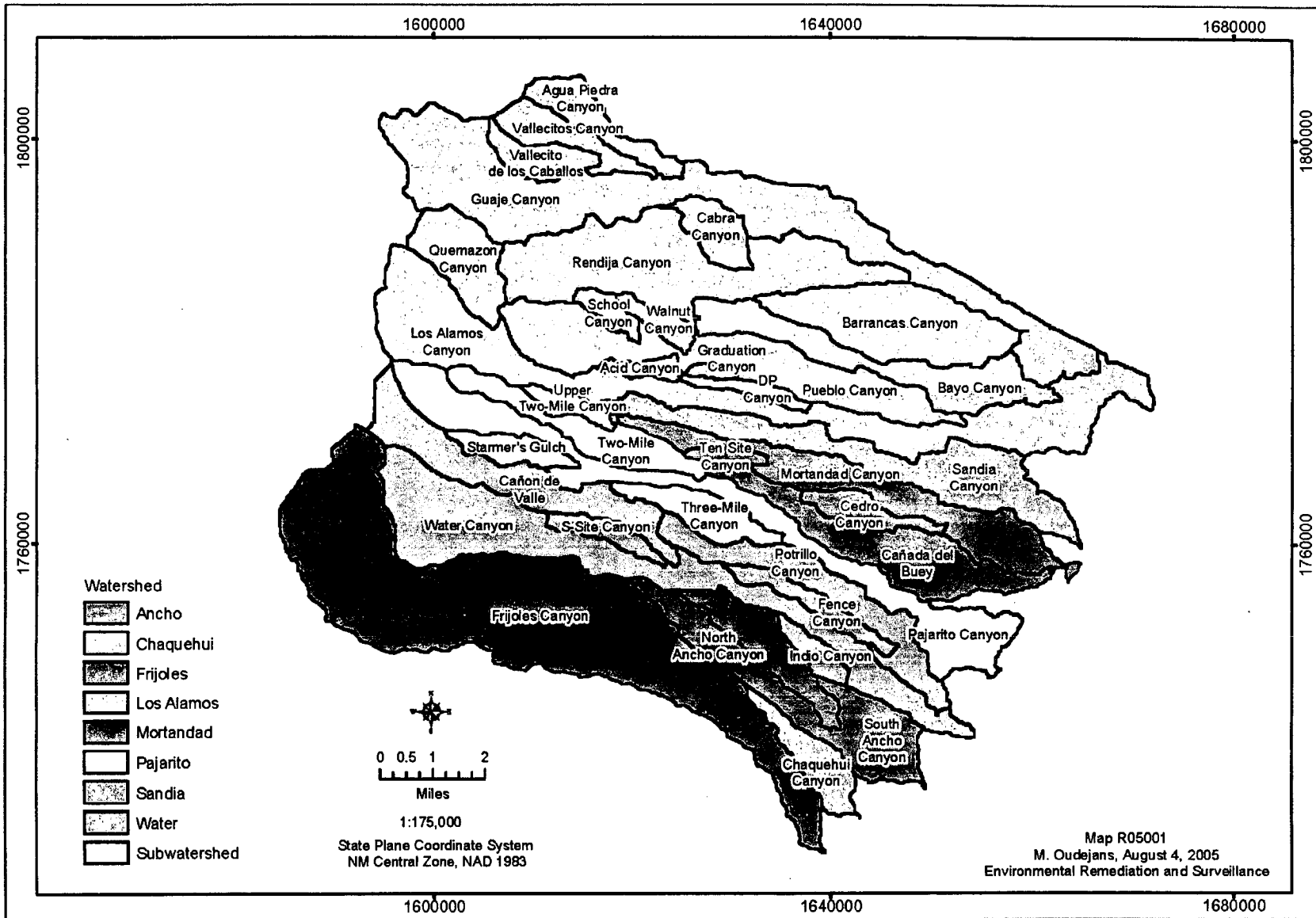


Figure 2.0-2. Rio Grande watersheds and subwatersheds potentially impacted by Los Alamos National Laboratory

Table 3.0-1
Watersheds and Aggregate Areas

Map Number	Watershed	Aggregate Area
1	Los Alamos	Guaje/Barrancas/Rendija Canyons
2		Bayo Canyon
3		Pueblo Canyon
4		Upper Los Alamos Canyon
5		Middle Los Alamos Canyon
6		DP Site
7		Lower Los Alamos Canyon
8	Sandia	Upper Sandia Canyon
9		Lower Sandia Canyon
10	Mortandad	Upper Mortandad Canyon
11		Middle Mortandad/Ten Site Canyons
12		Lower Mortandad/Cedro Canyons
13		Upper Cañada del Buey
14		Middle Cañada del Buey
15		Lower Mortandad/Cañada del Buey
16	Pajarito	Twomile Canyon
17		Starmer/Upper Pajarito Canyon
18		Lower Pajarito Canyon
19		Threemile Canyon
20	Water	Cañon de Valle
21		Potrillo/Fence Canyons
22		S-Site
23		Upper Water Canyon
24		Lower Water/Indio Canyons
25	Ancho	North Ancho Canyon
26		South Ancho Canyon
27	Chaquehui	Chaquehui Canyon
28	Frijoles	Frijoles Canyon
29	Lake Fork	TA-57 (Fenton Hill)

the aggregate areas. One aggregate area, TA-57 (Fenton Hill) is not located on Laboratory property and is not shown in Figure 3.0-1 because of its distance from the Laboratory.

All SWMUs and AOCs are shown associated with their assigned aggregate areas on Maps 1 through 29. Some SWMUs and AOCs originally listed in the 1990 SWMU Report were assigned to a particular aggregate area even though they are physically located (partially or completely) outside of the associated

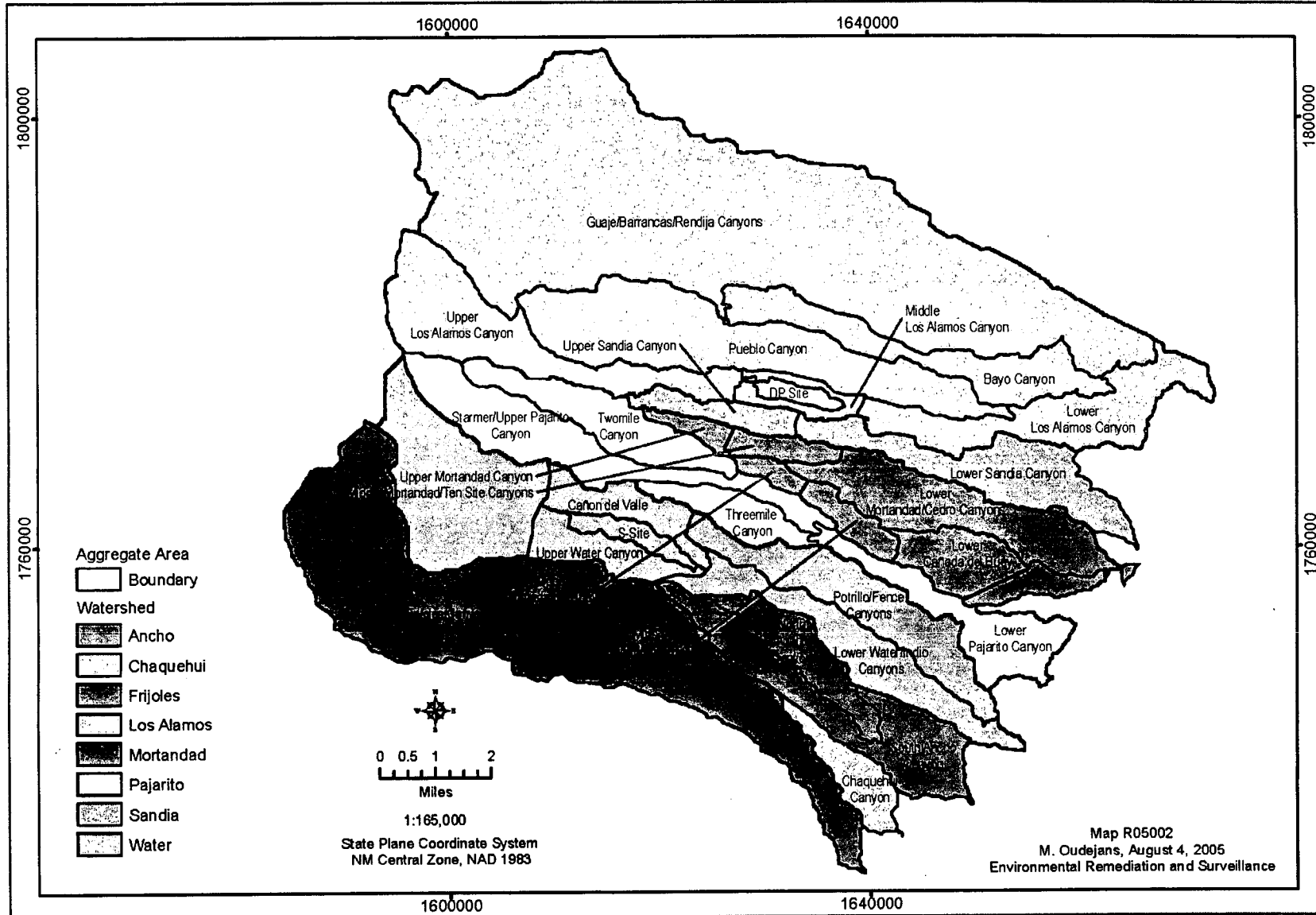


Figure 3.0-1. Rio Grande watersheds and aggregate areas potentially impacted by Los Alamos National Laboratory

subwatershed boundary. Several SWMUs and AOCs were incorrectly identified or never located and are not represented on Maps 1 through 29 because they have no associated spatial (x, y coordinates) or locational data. These SWMUs and AOCs are called out in a text box ("Notes") on the aggregate area map with which they are associated.

These maps reflect the results of the consolidation efforts in 1990 and 2000 and therefore do not depict the individual SWMU/AOC components of consolidated units. The tables in Appendices A through I were designed to augment Maps 1 through 29 by providing listings of each SWMU and AOC within each of the twenty-nine aggregates. These listings include identification of the individual SWMU/AOC components of the consolidated units.

Maps 1 through 29 were set to a scale to best display the aggregate area. Enlarged areas of detail are shown on most of the aggregate area maps. The spatial boundaries of many individual SWMUs and AOCs are so small that they are not visible at the map's scale. In those instances, the exact location of the SWMU or AOC is the point indicated by the end of the leader line extending from the SWMU or AOCs label. Maps 1 through 29 also distinguish between those SWMUs and AOCs that are and are not "administratively complete" by color.

The following sections describe each of the watersheds and their associated aggregate areas, beginning with the northernmost Rio Grande watershed potentially affected by the Laboratory:

3.1 Los Alamos Watershed

Los Alamos Watershed is an east-trending drainage originating on the Sierra de los Valles in the Valles Caldera National Preserve. The drainage extends approximately 15.6 miles from its headwaters to its confluence with the Rio Grande and has a total drainage area of approximately 57.7 square miles. The Los Alamos Watershed's drainage system passes through approximately 3.8 miles of the Santa Fe National Forest before crossing into the Laboratory and the Los Alamos town site. After passing through 7.9 miles of Laboratory and Los Alamos town site lands, the drainage next crosses into San Ildefonso Pueblo. The drainage passes through 3 miles of San Ildefonso land before joining the Rio Grande.

Los Alamos Watershed contains sixteen subwatersheds: Acid, Agua Piedra, Barrancas, Bayo, Cabra, DP, Graduation, Guaje, Los Alamos, Pueblo, Quemazon, Rendija, School, Vallecito de los Caballos, Vallecitos, and Walnut. These subwatersheds have been combined to create seven aggregate areas: Bayo Canyon, Guaje/Barrancas/Rendija Canyons, DP Site, Lower Los Alamos Canyon, Middle Los Alamos Canyon, Pueblo Canyon, and Upper Los Alamos Canyon. Maps 1 through 7 depict the SWMUs and AOCs associated with these aggregate areas. A list of these SWMUs and AOCs is also included in Appendix A.

3.2 Sandia Watershed

Sandia Watershed is an east-to-southeast-trending drainage originating on Laboratory property near the western boundary of Technical Area 3. The drainage has a total area of approximately 5.5 square miles and extends for approximately 9.6 miles from its headwaters to its confluence with the Rio Grande. The drainage extends 6 miles across the central part of the Laboratory passing through TA-53 and TA-72, before crossing the Laboratory's eastern boundary onto Bandelier National Monument. The drainage remains in Bandelier lands for 0.25 mile and then crosses into San Ildefonso Pueblo. The drainage crosses San Ildefonso for 3.2 miles before joining the Rio Grande.

Sandia Watershed consists of a single primary canyon and the adjoining mesa tops. The Sandia Watershed contains no subwatersheds; however, it is divided into two aggregate areas: Lower Sandia Canyon and Upper Sandia Canyon. Maps 8 and 9 depict the SWMUs and AOCs associated with these aggregate areas. A list of these SWMUs and AOCs is also included in Appendix B.

3.3 Mortandad Watershed

Mortandad Watershed is an east-to-southeast-trending drainage originating on Laboratory property in the central portion of TA-3. The drainage extends southeast across the Laboratory for 2.9 miles, then crosses into San Ildefonso Pueblo land for 6.3 miles before joining the Rio Grande. The drainage extends 9.2 miles from its headwaters to its confluence with the Rio Grande, draining an area of 10.4 square miles.

Mortandad Watershed contains four subwatersheds: Cañada del Buey, Cedro, Mortandad, and Ten Site. In order to accommodate the large number of SWMUs and AOCs in this watershed, certain subwatersheds were subdivided to create six aggregate areas: Lower Mortandad/Cedro Canyons, Lower Mortandad/Cañada del Buey, Middle Cañada del Buey, Middle Mortandad/Ten Site Canyons, Upper Cañada del Buey, and Upper Mortandad Canyon. Maps 10 through 15 depict the SWMUs and AOCs associated with these aggregate areas. A list of these SWMUs and AOCs is also included in Appendix C.

3.4 Pajarito Watershed

Pajarito Watershed is a southeast-to-south-trending drainage originating at the flanks of the Sierra de los Valles on the eastern boundary of the Valles Caldera National. The drainage extends into U.S. Forest Service land for 2.9 miles before crossing into the western boundary of the Laboratory at TA-8, TA-62, and TA-69. The drainage extends across the entire central portion of the Laboratory before crossing the eastern borders of TA-36 and TA-54 and entering into the community of White Rock (land owned by Los Alamos County and private individuals). The drainage extends across White Rock for 1.9 miles before joining the Rio Grande. The drainage extends 13 miles from its headwaters to its confluence with the Rio Grande, draining an area of 12.8 square miles.

Pajarito Watershed contains five subwatersheds: Pajarito, Starmer's Gulch, Threemile, Twomile, and Upper Twomile. The five subwatersheds were combined to create four aggregate areas: Lower Pajarito Canyon, Starmer/Upper Pajarito Canyon, Threemile Canyon, and Twomile Canyon. Maps 16 through 19 depict the SWMUs and AOCs associated with these aggregate areas. A list of these SWMUs and AOCs is also included in Appendix D.

3.5 Water Watershed

Water Watershed is an east-to-southeast-trending drainage originating on the flanks of the Sierra de los Valles in the Valle Caldera National Preserve. The watershed remains on the Valle Caldera National Preserve for 0.4 mile, and then passes through 2.8 miles of the Santa Fe National Forest before it crosses into the Laboratory at the western boundary of TA-16. The drainage extends east-southeast 9.7 miles across the entire Laboratory before it crosses into the community of White Rock. The drainage passes through the town of White Rock for 0.5 mile before joining the Rio Grande. The drainage extends 13.4 miles from its headwaters to its confluence with the Rio Grande, draining an area of 19 square miles.

Water Watershed contains six subwatersheds: Cañon de Valle, Fence, Indio, Potrillo, S-Site, and Water. These subwatersheds were combined to create five aggregate areas: Cañon de Valle, Lower Water/Indio Canyons, Potrillo/Fence Canyons, S-Site, and Upper Water Canyon. Maps 20 through 24 depict the SWMUs and AOCs associated with these aggregate areas. A list of these SWMUs and AOCs is also included in Appendix E.

3.6 Ancho Watershed

Ancho Watershed is a southeast-trending drainage originating in the northwestern corner of the Laboratory's TA-49. The drainage extends 7.3 miles from its headwaters to its confluence with the Rio

Grande, draining an area of 6.8 square miles. The drainage extends across the southern portion of the Laboratory crossing through TA-49, TA-39, TA-33, and TA-70 before joining the Rio Grande.

Ancho Watershed contains two subwatersheds: South Ancho and North Ancho. Each of the two Ancho subwatersheds has been designated an aggregate area. Maps 25 and 26 depict the SWMUs and AOCs associated with these aggregate areas. A list of these SWMUs and AOCs is also included in Appendix F.

3.7 Chaquehui Watershed

Chaquehui Watershed is a southeast-trending drainage originating on Bandelier National Monument land just south of State Road 4. The watershed's drainage system passes through 1 mile of Bandelier land then crosses onto Laboratory property at the northwestern corner of TA-33. The drainage remains in TA-33 for 2 miles before it enters the Rio Grande. The drainage extends 3.4 miles from its headwaters to its confluence with the Rio Grande, draining an area of 1.6 square miles.

Chaquehui Watershed consists of a single primary canyon. The Chaquehui Watershed does not contain subwatersheds and is, of itself, considered to be one aggregate area. Map 27 depicts the SWMUs and AOCs associated with this aggregate area. A list of these SWMUs and AOCs is also included in Appendix G.

3.8 Frijoles Watershed

Frijoles Watershed is a southeast-trending drainage originating at the flanks of the Sierra de los Valles in the Valles Caldera National Preserve. The watershed's drainage system passes through 0.6 mile of the Valles Caldera National Preserve lands, then passes through the Bandelier National Monument and small portions of the Santa Fe National Forest. The drainage remains on Bandelier National Monument land for 14 miles before entering the Rio Grande. Approximately 1 mile upstream of its confluence with the Rio Grande, the drainage intersects Laboratory land along a very small portion of western TA-33. The intersection is approximately 1 mile long by 0.1 mile wide. The drainage extends 14.1 miles from its headwaters to its confluence with the Rio Grande, draining an area of 19.1 square miles.

Frijoles Watershed consists of a single primary canyon. The Frijoles Watershed does not contain subwatersheds and contains one aggregate area sharing the same boundaries as the watershed. Map 28 depicts the SWMUs and AOCs associated with this aggregate area. A list of these SWMUs and AOCs is also included in Appendix H.

3.9 Lake Fork Watershed

Lake Fork Watershed is a northeast-to-west-trending drainage originating 0.8 mile southeast of the Geothermal Well at Technical Area 57. It has a total drainage area of approximately 7.7 square miles and extends for approximately 6 miles before its confluence with the Rio Cebolla. From that confluence, the drainage travels another 3.1 miles, where it meets the Rio de Las Vegas to form the Rio Guadalupe, a tributary of the Jemez River.

Lake Fork Watershed consists of a single primary canyon. The Lake Fork Watershed does not contain subwatersheds and is, of itself, considered to be one aggregate area, referred to as TA-57 (Fenton Hill). Map 29 depicts the SWMUs and AOCs associated with this aggregate area. A list of these SWMUs and AOCs is also included in Appendix I.

4.0 TECHNICAL AREAS

The Laboratory established technical areas (TAs) as administrative units for all its operations. TAs include experimental/research areas, support facilities, and reserved land. A large percentage of Laboratory land includes reserve areas used for security and safety purposes or held for future Laboratory use.

There are currently 49 active TAs spread over 40 square miles. The TA boundaries are shown on Figure 4.0-1 and are provided for reference in Maps 1 through 29. These boundaries are not believed to have changed since the implementation of corrective action for SWMUs and AOCs at the Laboratory. However, some older TAs, such as TA-4 and TA-27, have no known physical boundaries. Where a SWMU/AOC or other structure associated with an unbounded TA is present on an aggregate area map, the unbounded TA is mentioned in the notes.

5.0 SPATIAL DATA SOURCES FOR AGGREGATE AREA MAPS

The following spatial data sources were used to compile the aggregate area maps:

LANL Technical Areas; Los Alamos National Laboratory, PM Site and Project Planning Group; February 1, 2003, as captured September 7, 2004.

Paved and Unpaved Roads; Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section; 6 January 2004; Development Edition of January 6, 2005.

Potential Release Sites; Los Alamos National Laboratory, RRES Remediation Services Project, ER2005-0403; 1:2,500 Scale Data; June 21, 2005.

Structures; County of Los Alamos, Information Services; September 8, 2004.

Structures; Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating, and Mapping Section; January 6, 2004; Development Edition of June 22, 2005.

Watercourse; Los Alamos National Laboratory; ENV Water Quality & Hydrology; April 5, 2005.

Watershed Aggregates; Los Alamos National Laboratory, RRES Remediation Services Project; Unknown publication date.

Watersheds; Los Alamos National Laboratory, RRES Remediation Services Project; ER2004-0309; 1:2,500 Scale Data; May 24, 2004.

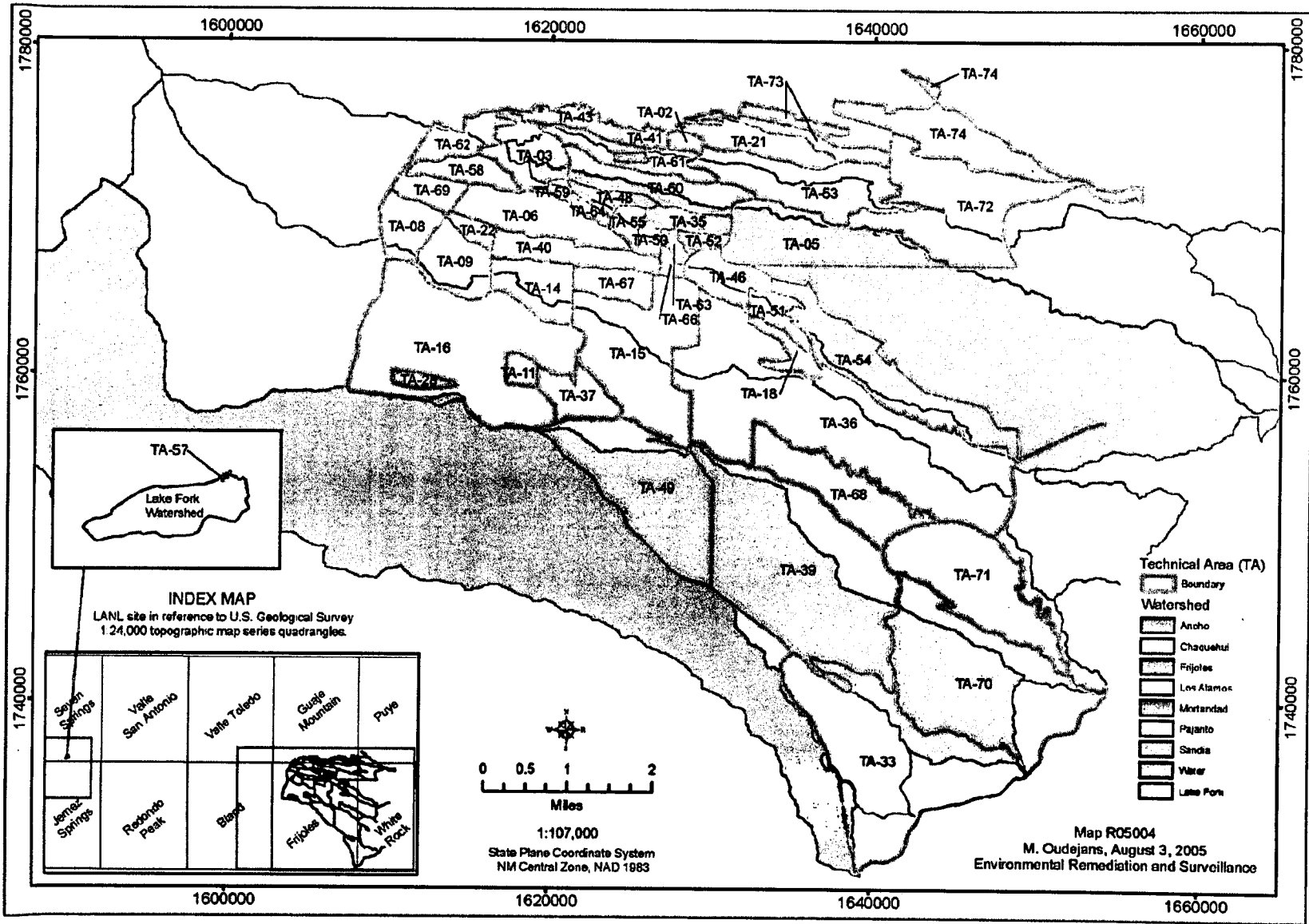


Figure 4.0-1. Los Alamos National Laboratory technical areas

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Appendix A

Los Alamos Watershed SWMUs and AOCs

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WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Los Alamos	Bayo Canyon	00-008		No	Administratively Complete	Surface disposal site
		00-026		No	Administratively Complete	Landfill
		10-001(a)-99	10-001(a)	Yes	In Progress	Firing sites (inactive)
			10-001(b)	Yes	In Progress	Firing sites (inactive)
			10-001(c)	Yes	In Progress	Firing sites (inactive)
			10-001(d)	Yes	In Progress	Firing sites (inactive)
			10-005	Yes	In Progress	Firing sites (inactive)
			10-008	No	In Progress	Firing sites (inactive)
		10-001(e)		No	Administratively Complete	Detonation test area - doesn't exist
		10-002(a)-99	10-002(a)	Yes	In Progress	Former liquid disposal complex
			10-002(b)	Yes	In Progress	Former liquid disposal complex
			10-003(a)	Yes	In Progress	Former liquid disposal complex
			10-003(b)	Yes	In Progress	Former liquid disposal complex
			10-003(c)	Yes	In Progress	Former liquid disposal complex
			10-003(d)	Yes	In Progress	Former liquid disposal complex
			10-003(e)	Yes	In Progress	Former liquid disposal complex
			10-003(f)	Yes	In Progress	Former liquid disposal complex
			10-003(g)	Yes	In Progress	Former liquid disposal complex
			10-003(h)	Yes	In Progress	Former liquid disposal complex
			10-003(i)	Yes	In Progress	Former liquid disposal complex
			10-003(j)	Yes	In Progress	Former liquid disposal complex
			10-003(k)	Yes	In Progress	Former liquid disposal complex
			10-003(l)	Yes	In Progress	Former liquid disposal complex
			10-003(m)	Yes	In Progress	Former liquid disposal complex
			10-003(n)	Yes	In Progress	Former liquid disposal complex
			10-003(o)	Yes	In Progress	Former liquid disposal complex
		10-004(b)	Yes	In Progress	Former liquid disposal complex	
		10-007	Yes	In Progress	Former liquid disposal complex	
		10-004(a)		Yes	In Progress	Septic tank
		10-006		Yes	In Progress	Burn site
		10-009		No	In Progress	Former Bayo Canyon landfill
		C-10-001		No	In Progress	Surface soil, Bayo Canyon
		DP Site	21-002(a)		Yes	In Progress
	21-002(b)			No	In Progress	Container storage
	21-003-99		21-003	Yes	In Progress	PCB container storage and surface disposal area
			21-013(f)	No	In Progress	PCB container storage and surface disposal area
	21-005			Yes	Administratively Complete	Disposal pit
	21-006(c)-99		21-006(a)	Yes	In Progress	Miscellaneous
			21-006(b)	Yes	In Progress	Miscellaneous
			21-006(c)	Yes	In Progress	Miscellaneous
			21-006(d)	Yes	In Progress	Miscellaneous
	21-008			No	Administratively Complete	Incinerator
	21-009		No	In Progress	Waste treatment laboratory	
21-011(k)		Yes	In Progress	Outfall		

LOS ALAMOS WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Los Alamos	DP Site	21-012(a)		Yes	Administratively Complete	Dry well
		21-012(b)		Yes	In Progress	Dry well
		21-013(c)		Yes	In Progress	Surface disposal site
		21-013(d)-99	21-013(d)	Yes	In Progress	Surface disposal areas
			21-013(e)	Yes	In Progress	Surface disposal areas
		21-014		Yes	In Progress	Material disposal area (MDA A)
		21-015		Yes	In Progress	Material disposal area (MDA B)
		21-016(a)-99	21-001	No	In Progress	Material disposal area (MDA T)
			21-007	Yes	In Progress	Material disposal area (MDA T)
			21-010(a)	Yes	In Progress	Material disposal area (MDA T)
			21-010(b)	Yes	In Progress	Material disposal area (MDA T)
			21-010(c)	Yes	In Progress	Material disposal area (MDA T)
			21-010(d)	Yes	In Progress	Material disposal area (MDA T)
			21-010(e)	Yes	In Progress	Material disposal area (MDA T)
			21-010(f)	Yes	In Progress	Material disposal area (MDA T)
			21-010(g)	Yes	In Progress	Material disposal area (MDA T)
			21-010(h)	Yes	In Progress	Material disposal area (MDA T)
			21-011(a)	Yes	In Progress	Material disposal area (MDA T)
			21-011(c)	Yes	In Progress	Material disposal area (MDA T)
			21-011(d)	Yes	In Progress	Material disposal area (MDA T)
			21-011(e)	Yes	In Progress	Material disposal area (MDA T)
			21-011(f)	Yes	In Progress	Material disposal area (MDA T)
			21-011(g)	Yes	In Progress	Material disposal area (MDA T)
			21-011(h)	No	In Progress	Material disposal area (MDA T)
			21-011(i)	Yes	In Progress	Material disposal area (MDA T)
			21-011(j)	Yes	In Progress	Material disposal area (MDA T)
			21-016(a)	Yes	In Progress	Material disposal area (MDA T)
			21-016(b)	Yes	In Progress	Material disposal area (MDA T)
			21-016(c)	Yes	In Progress	Material disposal area (MDA T)
			21-028(a)	No	In Progress	Material disposal area (MDA T)
			C-21-009	No	In Progress	Material disposal area (MDA T)
			C-21-012	No	In Progress	Material disposal area (MDA T)
		21-017(a)-99	21-017(a)	Yes	In Progress	Material disposal area (MDA U)
			21-017(b)	Yes	In Progress	Material disposal area (MDA U)
			21-017(c)	Yes	In Progress	Material disposal area (MDA U)
			21-022(f)	Yes	In Progress	Material disposal area (MDA U)
		21-018(a)-99	21-013(b)	Yes	In Progress	Material disposal area (MDA V)
			21-013(g)	No	In Progress	Material disposal area (MDA V)
			21-018(a)	Yes	In Progress	Material disposal area (MDA V)
			21-018(b)	Yes	In Progress	Material disposal area (MDA V)
			21-023(c)	Yes	In Progress	Material disposal area (MDA V)
		21-021-99	21-019(a)	No	In Progress	Surface soil contamination area
			21-019(b)	No	In Progress	Surface soil contamination area
	21-019(c)	No	In Progress	Surface soil contamination area		

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Los Alamos	DP Site	21-021-99	21-019(d)	No	In Progress	Surface soil contamination area
			21-019(e)	No	In Progress	Surface soil contamination area
			21-019(f)	No	In Progress	Surface soil contamination area
			21-019(g)	No	In Progress	Surface soil contamination area
			21-019(h)	No	In Progress	Surface soil contamination area
			21-019(i)	No	In Progress	Surface soil contamination area
			21-019(j)	No	In Progress	Surface soil contamination area
			21-019(k)	No	In Progress	Surface soil contamination area
			21-019(l)	No	In Progress	Surface soil contamination area
			21-019(m)	No	In Progress	Surface soil contamination area
			21-020(a)	No	In Progress	Surface soil contamination area
			21-020(b)	No	In Progress	Surface soil contamination area
			21-021	Yes	In Progress	Surface soil contamination area
			21-022(h)-99	21-022(h)	Yes	In Progress
		21-022(i)		Yes	In Progress	Drainline and outfall
		21-022(j)		Yes	In Progress	Drainline and outfall
		21-023(a)-99	21-023(a)	Yes	In Progress	Septic tanks and distribution lines
			21-023(b)	Yes	In Progress	Septic tanks and distribution lines
			21-023(d)	Yes	In Progress	Septic tanks and distribution lines
		21-024(a)		Yes	In Progress	Septic system
		21-024(b)		Yes	In Progress	Septic system
		21-024(c)		Yes	In Progress	Septic system
		21-024(d)		Yes	In Progress	Septic system
		21-024(e)		Yes	In Progress	Septic system
		21-024(f)		Yes	Pending	Septic system
		21-024(g)		Yes	In Progress	Septic system
		21-024(h)		Yes	In Progress	Septic system
		21-024(i)		Yes	In Progress	Septic system
		21-024(j)		Yes	In Progress	Septic system
		21-024(k)		Yes	In Progress	Septic system
		21-024(l)-99	21-004(a)	No	In Progress	Tank, sump, and outfall
			21-022(a)	Yes	In Progress	Tank, sump, and outfall
			21-024(l)	Yes	In Progress	Tank, sump, and outfall
		21-024(m)		Yes	Administratively Complete	Drainline
		21-024(n)		Yes	In Progress	Drainline
		21-024(o)		Yes	In Progress	Drainline
		21-025(a)		No	Administratively Complete	Operational facility
		21-025(b)		No	Administratively Complete	Operational facility
		21-026(a)-99	21-013(a)	Yes	In Progress	Former sewage treatment plant
			21-026(a)	Yes	In Progress	Former sewage treatment plant
			21-026(b)	Yes	In Progress	Former sewage treatment plant
			21-026(c)	No	In Progress	Former sewage treatment plant
			21-026(d)	No	In Progress	Former sewage treatment plant
		21-027(a)		Yes	In Progress	Industrial or sanitary wastewater treatment

LOS ALAMOS WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Los Alamos	DP Site	21-027(b)		Yes	Administratively Complete	Drainline
		21-027(c)		Yes	In Progress	Industrial or sanitary wastewater treatment
		21-027(d)-99	21-027(d)	Yes	In Progress	Aboveground storage tank and outfall
			C-21-028	No	In Progress	Aboveground storage tank and outfall
		21-028(b)		No	Administratively Complete	Container storage
		21-028(d)		No	Administratively Complete	Container storage
		21-028(e)		No	Administratively Complete	Container storage
		21-029		Yes	Pending	Soil contamination area
		21-030		No	Administratively Complete	Sump
		C-21-001		No	In Progress	One-time spill Building 21-17
		C-21-002		No	Administratively Complete	Non-intentional release area
		C-21-003		No	Administratively Complete	Non-intentional release area
		C-21-004		No	Administratively Complete	Non-intentional release area
		C-21-005		No	In Progress	One-time spill
		C-21-006		No	In Progress	Non-intentional release area Building 21-2
		C-21-007		No	In Progress	Non-intentional release area
		C-21-008		No	Administratively Complete	One-time spill
		C-21-010		No	Administratively Complete	Systematic leak
		C-21-011		No	Administratively Complete	One-time spill
		C-21-013		No	Administratively Complete	Disposal pit
		C-21-014		No	Administratively Complete	Warehouse
		C-21-015		No	Administratively Complete	Building
		C-21-016		No	Administratively Complete	Storage area
		C-21-017		No	Administratively Complete	Storage area
		C-21-018		No	Administratively Complete	Storage area
		C-21-019		No	Administratively Complete	Storage area
		C-21-020		No	Administratively Complete	Storage area
		C-21-021		No	Administratively Complete	Storage area
		C-21-022		No	Administratively Complete	Laboratory
		C-21-023		No	Administratively Complete	Laboratory
		C-21-024		No	Administratively Complete	Warehouse
		C-21-025		No	Administratively Complete	Building
		C-21-026		No	Administratively Complete	Building
		C-21-027		No	In Progress	Machinery
		C-21-029		No	Administratively Complete	Aboveground tank
		C-21-030		No	Administratively Complete	Aboveground tank
		C-21-031		No	Administratively Complete	Tank
C-21-032		No	Administratively Complete	Machinery and tanks		
C-21-033		No	In Progress	One-time spill		
C-21-034		No	In Progress	Tank		
C-21-035		No	In Progress	Aboveground tank		
C-21-036		No	In Progress	Aboveground tank		
C-21-037		No	In Progress	Aboveground tank		

LOS ALAMOS WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION	
Los Alamos	Guaje/Barrancas/Rendija Canyons	00-011(a)		Yes	Pending	Mortar impact area	
		00-011(c)		Yes	In Progress	Mortar impact area	
		00-011(d)		Yes	In Progress	Mortar impact area	
		00-011(e)		Yes	Pending	Mortar impact area	
		00-015		No	In Progress	Firing range, Rendija Canyon	
		00-016		Yes	Administratively Complete	Firing range (inactive)	
		00-024		No	Administratively Complete	Cistern (never located)	
		00-025		No	Administratively Complete	Landfill	
		C-00-020		No	In Progress	Mortar impact area	
		C-00-041		No	In Progress	Asphalt and tar remnant site	
		Lower Los Alamos Canyon	None	(blank)	(blank)	(blank)	(blank)
	Middle Los Alamos Canyon	00-010(a)		No	Administratively Complete	Surface disposal site	
		00-010(b)		No	Administratively Complete	Surface disposal site, 6th Street warehouses	
		00-027		No	In Progress	Storage area, DP Road	
		00-029(a)		No	Administratively Complete	Transformer	
		00-029(b)		No	Administratively Complete	Transformer	
		00-029(c)		No	Administratively Complete	Transformer	
		00-030(a)		Yes	Pending	Septic system, DP Road	
		00-030(b)-00	00-004		No	Pending	Former structures, 6th Street warehouse
			00-030(b)		Yes	Pending	Former structures, 6th Street warehouse
			00-030(l)		Yes	Pending	Former structures, 6th Street warehouse
			00-030(m)		Yes	Pending	Former structures, 6th Street warehouse
			00-033(b)		No	Pending	Former structures, 6th Street warehouse
		00-033(a)		Yes	Pending	Former UST, 6th Street Warehouses	
		02-001		No	Administratively Complete	Open burning ground (doesn't exist)	
		02-002		No	Administratively Complete	Storage area	
		02-003(a)		No	In Progress	Valve house and gaseous effluent line	
		02-003(b)		No	In Progress	Condensate trap	
		02-003(c)		No	In Progress	Delay system	
		02-003(d)		No	In Progress	Gaseous effluent line	
		02-003(e)		No	In Progress	Holding tank (near reactor water boiler)	
		02-004(a)		No	In Progress	Omega West Reactor facility	
		02-004(b)		No	In Progress	Reactor facility effluent storage tank	
		02-004(c)		No	In Progress	Reactor facility effluent storage tank	
		02-004(d)		No	In Progress	Reactor facility effluent storage tank	
		02-004(e)		No	In Progress	Reactor facility acid pit	
		02-004(f)		No	In Progress	Reactor facility equipment building	
		02-004(g)		No	In Progress	Aboveground tank	
		02-005		Yes	In Progress	Drift loss, cooling tower blowdown	
	02-006(a)		Yes	In Progress	French drain		
	02-006(b)		Yes	In Progress	Acid waste line		
02-006(c)		No	In Progress	Drainline			
02-006(d)		No	In Progress	Drainline			

LOS ALAMOS WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Los Alamos	Middle Los Alamos Canyon	02-006(e)		No	In Progress	Sump
		02-007-00	02-007	Yes	In Progress	Former structures, Omega West Reactor
			02-009(a)	Yes	In Progress	Former structures, Omega West Reactor
			02-009(b)	Yes	In Progress	Former structures, Omega West Reactor
			02-009(c)	Yes	In Progress	Former structures, Omega West Reactor
		02-008(a)		Yes	In Progress	Outfall
		02-008(b)		Yes	Administratively Complete	Outfall from photo processing facility, 2-4
		02-008(c)		No	In Progress	Outfall
		02-009(d)		No	In Progress	Non-intentional release
		02-009(e)		No	In Progress	Non-intentional release [Duplicate of 02-009(c)]
		02-010		No	In Progress	Former building location
		02-011(a)		No	In Progress	Storm drain and outfall
		02-011(b)		No	In Progress	Former drains and outfalls
		02-011(c)		No	In Progress	Storm drain
		02-011(d)		No	In Progress	Former NPDES-permitted outfall
		02-011(e)		No	In Progress	Former NPDES-permitted outfall [duplicate of 02-008(a)]
		02-012		No	In Progress	Former underground tanks
		02-013		No	Administratively Complete	Storage area - SAA
		21-004(b)-99	21-004(b)	Yes	In Progress	Aboveground tanks and outfall area
			21-004(c)	Yes	In Progress	Aboveground tanks and outfall area
			21-004(d)	No	In Progress	Aboveground tanks and outfall area
		21-006(e)-99	21-006(e)	Yes	In Progress	Underground seepage pits
			21-006(f)	No	In Progress	Underground seepage pits
		21-011(b)		Yes	In Progress	Sump
		21-022(b)-99	21-022(b)	Yes	In Progress	Industrial waste lines and sumps
			21-022(c)	Yes	In Progress	Industrial waste lines and sumps
			21-022(d)	Yes	In Progress	Industrial waste lines and sumps
			21-022(e)	Yes	In Progress	Industrial waste lines and sumps
			21-022(g)	Yes	In Progress	Industrial waste lines and sumps
		21-028(c)		No	In Progress	Container storage building 21-3
		26-001		Yes	In Progress	Surface disposal site
		26-002(a)		Yes	In Progress	Former acid sump system
		26-002(b)		Yes	In Progress	Former drainage system
		26-003		Yes	In Progress	Septic tank
		53-008		No	In Progress	Storage area, Boneyard
		53-012(a)		No	Administratively Complete	Outfall
		53-012(b)		No	Administratively Complete	Outfall
		53-012(c)		No	Administratively Complete	Outfall
		73-005-99	73-005	Yes	Administratively Complete	Surface disposal area, septic tanks, and septic pits
			73-007	No	Administratively Complete	Surface disposal area, septic tanks, and septic pits
			C-73-005(a)	No	Administratively Complete	Surface disposal area, septic tanks, and septic pits
C-73-005(b)	No		Administratively Complete	Surface disposal area, septic tanks, and septic pits		
C-73-005(c)	No		Administratively Complete	Surface disposal area, septic tanks, and septic pits		
C-73-005(d)	No		Administratively Complete	Surface disposal area, septic tanks, and septic pits		

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Los Alamos	Middle Los Alamos Canyon	73-005-99	C-73-005(e)	No	Administratively Complete	Surface disposal area, septic tanks, and septic pits
			C-73-005(f)	No	Administratively Complete	Surface disposal area, septic tanks, and septic pits
		C-02-001		No	Administratively Complete	Metal nugget pile
		C-53-017		No	Administratively Complete	One-time spill
	Pueblo Canyon	00-018(a)		Yes	In Progress	Sludge-bed wastewater treatment plant, Pueblo Canyon
		00-018(b)		No	In Progress	Sludge-bed wastewater treatment plant
		00-019		Yes	Pending	Wastewater treatment plant, central
		00-028(a)-00	00-028(a)	Yes	Administratively Complete	Effluent discharge, golf course
			00-028(b)	Yes	Administratively Complete	Effluent discharge, golf course
		00-030(c)		No	Administratively Complete	Septic system
		00-030(d)		No	In Progress	Septic system
		00-030(eN)		No	In Progress	Septic system
		00-030(eS)		No	In Progress	Septic system
		00-030(f)		No	In Progress	Septic system
		00-030(g)		Yes	In Progress	Septic system (near old Catholic Church parking lot)
		00-030(h)		No	In Progress	Septic system (near new Catholic Church)
		00-030(i)		No	In Progress	Septic system
		00-030(k)		No	Administratively Complete	Septic system
		00-030(n)		No	In Progress	Septic system
		00-030(o)		No	In Progress	Septic system
		00-030(p)		No	In Progress	Septic system
		00-030(q)		No	Administratively Complete	Septic system
		00-034(a)		No	Administratively Complete	Landfill, Eastern Area
		00-039		Yes	In Progress	Underground tanks
		00-040		No	Administratively Complete	Underground tank
		01-002		Yes	Consolidated	Outfall TA-01 SWMU to be in TA-45
		19-001-99	19-001	Yes	In Progress	Former East Gate Laboratory and septic system
			19-002	Yes	In Progress	Former East Gate Laboratory and septic system
			19-003	Yes	In Progress	Former East Gate Laboratory and septic system
			C-19-001	No	In Progress	Former East Gate Laboratory and septic system
		31-001		Yes	In Progress	Septic system
		45-001-00	01-002(b)-00	Yes	In Progress	Wastewater treatment plant - TA-45
			45-001	Yes	In Progress	Wastewater treatment plant - TA-45
			45-002	Yes	In Progress	Wastewater treatment plant - TA-45
			45-003	Yes	In Progress	Wastewater treatment plant - TA-45
			45-004	Yes	In Progress	Wastewater treatment plant - TA-45
		C-45-001	No	In Progress	Wastewater treatment plant - TA-45	
		73-001(a)-99	73-001(a)	Yes	In Progress	Former landfill
			73-004(d)	Yes	In Progress	Former landfill
		73-001(b)-99	73-001(b)	Yes	In Progress	Former landfill
73-001(c)	Yes		In Progress	Former landfill		
73-001(d)	Yes		In Progress	Former landfill		
73-002-99	73-002	Yes	In Progress	Miscellaneous airport structures		
	73-003	No	In Progress	Miscellaneous airport structures		

LOS ALAMOS WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION	
Los Alamos	Pueblo Canyon	73-002-99	73-004(a)	Yes	In Progress	Miscellaneous airport structures	
			73-004(b)	Yes	In Progress	Miscellaneous airport structures	
			73-006	Yes	In Progress	Miscellaneous airport structures	
		73-004(c)		Yes	Pending	Septic system	
		C-00-043		No	In Progress	Manhole (removed)	
		C-31-001		No	Administratively Complete	Buildings	
		C-73-001		No	Administratively Complete	Underground tank (inactive)	
		C-73-002		No	Administratively Complete	Underground tank (inactive)	
		C-73-003		No	Administratively Complete	Underground tank (inactive)	
		C-73-004		No	Administratively Complete	Underground tank (inactive)	
		Upper Los Alamos Canyon	00-003-99	00-003	Yes	Administratively Complete	Western Steam Plant
				00-012	Yes	Administratively Complete	Western Steam Plant
			00-017		Yes	In Progress	Waste lines
			00-030(i)		No	Administratively Complete	Septic system
	00-031(a)			No	Administratively Complete	Soil contamination beneath former service station	
	00-031(b)			No	In Progress	Soil contamination beneath former motorpool (two USTs)	
						Soil contamination beneath former motorpool (UST for used motor oil)	
	00-032			No	Administratively Complete		
	00-034(b)			No	Administratively Complete	Landfill, Western Area	
	00-035(a)			No	Administratively Complete	Surface disposal	
	01-001(a)-99		01-001(a)	Yes	In Progress	Miscellaneous - TA-01	
			01-001(b)	Yes	In Progress	Miscellaneous - TA-01	
			01-001(c)	Yes	In Progress	Miscellaneous - TA-01	
			01-001(d)	Yes	In Progress	Miscellaneous - TA-01	
			01-001(e)	Yes	In Progress	Miscellaneous - TA-01	
			01-001(f)	Yes	In Progress	Miscellaneous - TA-01	
			01-001(g)	Yes	In Progress	Miscellaneous - TA-01	
			01-001(o)	Yes	In Progress	Miscellaneous - TA-01	
			01-001(s)	Yes	In Progress	Miscellaneous - TA-01	
			01-001(t)	Yes	In Progress	Miscellaneous - TA-01	
			01-001(u)	Yes	In Progress	Miscellaneous - TA-01	
			01-002(a)-00	Yes	In Progress	Miscellaneous - TA-01	
			01-003(a)	Yes	In Progress	Miscellaneous - TA-01	
			01-003(b)	No	In Progress	Miscellaneous - TA-01	
			01-003(e)	Yes	In Progress	Miscellaneous - TA-01	
			01-004(a)	No	In Progress	Miscellaneous - TA-01	
		01-004(b)	No	In Progress	Miscellaneous - TA-01		
		01-005	No	In Progress	Miscellaneous - TA-01		
		01-006(a)	Yes	In Progress	Miscellaneous - TA-01		
		01-006(b)	Yes	In Progress	Miscellaneous - TA-01		
01-006(c)	Yes	In Progress	Miscellaneous - TA-01				
01-006(d)	Yes	In Progress	Miscellaneous - TA-01				
01-006(e)	No	In Progress	Miscellaneous - TA-01				
01-006(g)	No	In Progress	Miscellaneous - TA-01				

LOS ALAMOS WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Los Alamos	Upper Los Alamos Canyon	01-001(a)-99	01-006(h)	Yes	In Progress	Miscellaneous - TA-01
			01-006(n)	Yes	In Progress	Miscellaneous - TA-01
			01-006(o)	Yes	In Progress	Miscellaneous - TA-01
			01-006(p)	No	In Progress	Miscellaneous - TA-01
			01-007(a)	Yes	In Progress	Miscellaneous - TA-01
			01-007(b)	Yes	In Progress	Miscellaneous - TA-01
			01-007(c)	Yes	In Progress	Miscellaneous - TA-01
			01-007(d)	Yes	In Progress	Miscellaneous - TA-01
			01-007(e)	Yes	In Progress	Miscellaneous - TA-01
			01-007(f)	No	In Progress	Miscellaneous - TA-01
			01-007(h)	No	In Progress	Miscellaneous - TA-01
			01-007(i)	No	In Progress	Miscellaneous - TA-01
			01-007(j)	Yes	In Progress	Miscellaneous - TA-01
			01-007(l)	Yes	In Progress	Miscellaneous - TA-01
			01-007(m)	No	In Progress	Miscellaneous - TA-01
		01-007(o)	No	In Progress	Miscellaneous - TA-01	
		01-001(h)		Yes	Administratively Complete	Septic Tank 142
		01-001(i)		Yes	Administratively Complete	Septic Tank 143
		01-001(j)		Yes	Administratively Complete	Septic Tank 149
		01-001(k)		Yes	Administratively Complete	Septic Tank 268
		01-001(l)		Yes	Administratively Complete	Septic Tank 269
		01-001(m)		Yes	Administratively Complete	Septic tank
		01-001(n)		Yes	Administratively Complete	Septic Tank 276
		01-001(p)		No	Administratively Complete	Septic system
		01-001(q)		No	Administratively Complete	Septic system
		01-001(r)		No	Administratively Complete	Septic system
		01-001(v)		No	Administratively Complete	Septic system
		01-001(w)		No	Administratively Complete	Septic system
		01-003(c)		No	Administratively Complete	Surface disposal site
		01-003(d)		Yes	In Progress	Surface disposal site
		01-006(f)		No	Administratively Complete	Drainlines and outfall
		01-006(i)		No	Administratively Complete	Drainlines and outfall
		01-006(j)		No	Administratively Complete	Drainlines and outfall
		01-006(k)		No	Administratively Complete	Drainlines and outfall
		01-006(l)		No	Administratively Complete	Drainlines and outfall
		01-006(m)		No	Administratively Complete	Drainlines and outfall
		01-006(q)		No	Administratively Complete	Drainlines and outfall
		01-006(r)		No	Administratively Complete	Drainlines and outfall
		01-006(s)		No	Administratively Complete	Drainlines and outfall
		01-006(t)		No	Administratively Complete	Drainlines and outfall
		01-007(g)		No	Administratively Complete	Soil contamination area
		01-007(k)		No	Administratively Complete	Soil contamination area
		01-007(n)		No	Administratively Complete	Soil contamination area
		01-007(p)		No	Administratively Complete	Soil contamination area

LOS ALAMOS WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Los Alamos	Upper Los Alamos Canyon	03-001(m)		No	Administratively Complete	Satellite accumulation area
		03-008(a)		No	Administratively Complete	Firing site
		03-009(b)		Yes	Administratively Complete	Surface disposal area
		03-009(j)		Yes	In Progress	Surface disposal site
		03-038(a)-00	03-038(a)	Yes	In Progress	Tanks and/or associated equipment
			03-038(b)	Yes	In Progress	Tanks and/or associated equipment
		03-055(c)		Yes	In Progress	Outfall
		03-055(d)		Yes	Administratively Complete	Storm drain (active)
		30-001		No	Administratively Complete	Surface disposal and landfill
		32-001		Yes	In Progress	Incinerator (former location)
		32-002(a)		Yes	In Progress	Septic tank (former location); drainlines
		32-002(b)		Yes	In Progress	Septic system
		32-003		No	In Progress	Transformer site (former location)
		32-004		No	In Progress	Drainline and outfall
		41-001		Yes	In Progress	Septic system
		41-002(a)-99	41-002(a)	Yes	In Progress	TA-41 Sewage Treatment Plant
			41-002(b)	Yes	In Progress	TA-41 Sewage Treatment Plant
			41-002(c)	Yes	In Progress	TA-41 Sewage Treatment Plant
		41-003		No	In Progress	Sump
		41-004		No	Administratively Complete	Container storage
		43-001(a1)		Yes	In Progress	Waste lines (pre-1981)
		43-001(a2)		No	In Progress	Waste lines (post-1981)
		43-001(b1)		No	Administratively Complete	Outfall
		43-001(b2)		No	In Progress	Outfall
		43-002		Yes	In Progress	Incinerator
		43-003		No	Administratively Complete	Carcass storage
		43-004		No	Administratively Complete	Waste storage
		43-005		No	Administratively Complete	Radioactive liquid storage
		61-004(b)		No	Administratively Complete	Septic tank
		61-007		Yes	In Progress	Transformer site - systematic leak - PCB only site
		C-00-042		No	In Progress	Tank (formerly part of SWMU 00-032)
		C-32-001		No	Administratively Complete	Buildings
		C-41-001		No	Administratively Complete	Sump
		C-41-002		No	Administratively Complete	Underground tank
		C-41-003		No	Administratively Complete	Underground tank
		C-41-004		No	In Progress	Storm drains
		C-41-005		No	Administratively Complete	Underground tank
		C-43-001		No	In Progress	Outfall

Appendix B

Sandia Watershed SWMUs and AOCs

SANDIA WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Sandia	Lower Sandia Canyon	20-001(a)		Yes	In Progress	Landfill
		20-001(b)-00	20-001(b)	Yes	In Progress	Firing site
			20-002(c)	Yes	In Progress	Firing site
			20-003(c)	No	In Progress	Firing site
			20-001(c)	Yes	In Progress	Landfill
		20-001(c)-00	20-002(a)	Yes	In Progress	Landfill
			20-002(b)	Yes	In Progress	Landfill
			20-002(d)	Yes	Pending	Firing site
		20-003(a)	Yes	Pending	Control building at a firing site	
		20-003(b)	No	Pending	Firing site	
		20-003(d)	No	Administratively Complete	Firing site	
		20-004	No	In Progress	Septic system	
		20-005	Yes	In Progress	Septic tank	
		53-001(a)	Yes	In Progress	Storage area - PCB only site	
		53-001(b)	Yes	In Progress	Storage area	
		53-001(c)	No	Administratively Complete	Storage area	
		53-001(d)	No	Administratively Complete	Storage area	
		53-001(e)	No	Administratively Complete	Storage area	
		53-001(f)	No	Administratively Complete	Storage area	
		53-001(g)	No	Administratively Complete	Storage area	
		53-001(h)	No	Administratively Complete	Storage area	
		53-001(i)	No	Administratively Complete	Storage area	
		53-001(j)	No	Administratively Complete	Storage area	
		53-001(k)	No	Administratively Complete	Storage area	
		53-001(l)	No	Administratively Complete	Storage area	
		53-001(m)	No	Administratively Complete	Storage area	
		53-001(n)	No	Administratively Complete	Storage area	
		53-001(o)	No	Administratively Complete	Storage area	
		53-002(a)-99	53-002(a)	Yes	In Progress	Former surface impoundment
			53-002(b)	Yes	In Progress	Former surface impoundment
		53-003	No	Administratively Complete	Septic tank	
		53-004	No	Administratively Complete	Operational facility	
		53-005	Yes	In Progress	Disposal pit	
		53-006(b)-99	53-006(a)	No	In Progress	Underground tank
			53-006(b)	Yes	In Progress	Underground tank
			53-006(c)	Yes	In Progress	Underground tank
		53-006(d)-99	53-006(d)	Yes	In Progress	Underground tank
			53-006(e)	Yes	In Progress	Underground tank
		53-006(f)	Yes	In Progress	Underground tank	
		53-007(a)	Yes	In Progress	Aboveground neutralizer tank	
		53-007(b)	Yes	Administratively Complete	Aboveground storage tanks	
53-009	No	In Progress	Aboveground tanks (3)			
53-010	No	In Progress	Container storage			
53-011(a)	No	Administratively Complete	Transformer - PCB only site			

SANDIA WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Sandia	Lower Sandia Canyon	53-011(b)		No	Administratively Complete	Transformer - PCB only site
		53-011(c)		No	Administratively Complete	Transformer - PCB only site
		53-011(d)		No	Administratively Complete	Transformer - PCB only site
		53-011(e)		No	Administratively Complete	Transformer - doesn't exist
		53-012(d)		No	Administratively Complete	Outfall
		53-012(e)		No	In Progress	Outfall
		53-012(f)		No	Administratively Complete	Outfall
		53-012(g)		No	Administratively Complete	Outfall
		53-012(h)		No	Administratively Complete	Outfall
		53-013		No	In Progress	Soil Contamination -lead storage site I
		53-014		No	Administratively Complete	Soil Contamination, lead storage site II
		53-015		No	In Progress	Radioactive Liquid Waste Treatment System
		72-001		No	In Progress	Firing range
		72-002		No	Administratively Complete	Firing site
		72-003(a)		No	Administratively Complete	Septic system
		72-003(b)		No	Administratively Complete	Septic system
		C-20-001		No	Administratively Complete	Storage building
		C-20-002		No	Administratively Complete	Storage building
		C-20-003		No	Administratively Complete	Building
		C-53-001		No	Administratively Complete	Transformer - PCB only site
		C-53-002		No	Administratively Complete	Transformer - PCB only site
		C-53-003		No	Administratively Complete	Transformer - PCB only site
		C-53-004		No	Administratively Complete	Transformer - PCB only site
		C-53-005		No	Administratively Complete	Transformer - PCB only site
		C-53-006		No	Administratively Complete	Transformer - PCB only site
		C-53-007		No	Administratively Complete	Transformer - PCB only site
		C-53-008		No	Administratively Complete	Transformer - PCB only site
		C-53-009		No	Administratively Complete	Transformer - PCB only site
		C-53-010		No	Administratively Complete	Transformer - PCB only site
		C-53-011		No	Administratively Complete	Transformer - PCB only site
		C-53-012		No	Administratively Complete	Transformer - PCB only site
		C-53-013		No	Administratively Complete	Transformer - PCB only site
		C-53-014		No	Administratively Complete	Transformer - PCB only site
	C-53-015		No	Administratively Complete	Transformer - PCB only site	
	C-53-016		No	Administratively Complete	Transformer - PCB only site	
	C-53-018		No	Administratively Complete	One-time spill	
	C-53-019		No	Administratively Complete	One-time spill	
	Upper Sandia Canyon	03-001(d)		No	Administratively Complete	Satellite accumulation area
		03-001(f)		No	Administratively Complete	Less-than-90-day storage
		03-001(i)		No	In Progress	Satellite accumulation area
		03-001(n)		No	Administratively Complete	Satellite accumulation area
		03-001(o)		No	Administratively Complete	Waste container
		03-001(p)		No	Administratively Complete	Satellite accumulation area - SAA
03-001(q)			No	Administratively Complete	Satellite accumulation area	

SANDIA WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Sandia	Upper Sandia Canyon	03-001(r)		No	Administratively Complete	Satellite accumulation area
		03-001(v)		No	Administratively Complete	Satellite accumulation area
		03-001(x)		No	Administratively Complete	Satellite accumulation area
		03-002(a)		Yes	Administratively Complete	Less-than-ninety-day accumulation area
		03-002(b)		Yes	Administratively Complete	Satellite accumulation area
		03-002(c)		Yes	In Progress	Storage area
		03-003(c)		Yes	In Progress	Equipment storage area - PCB only site
		03-003(d)		No	Administratively Complete	Storage area (transformers) - PCB only site
		03-003(f)		No	Administratively Complete	Storage area (transformers) - PCB only site
		03-003(g)		No	Administratively Complete	One-time spill (transformer) - PCB only site
		03-003(m)		No	Administratively Complete	Storage area (capacitor banks) - PCB only site
		03-003(o)		No	Administratively Complete	Storage area (capacitor bank) - PCB only site
		03-006		No	Administratively Complete	Burn site - duplicate of SWMU 61-003
		03-008(b)		No	Administratively Complete	Firing site
		03-009(a)-00	03-009(a)	Yes	In Progress	Asphalt batch plant
			03-028	Yes	In Progress	Asphalt batch plant
			03-029	Yes	In Progress	Asphalt batch plant
			03-036(a)	Yes	In Progress	Asphalt batch plant
			03-036(c)	Yes	In Progress	Asphalt batch plant
			03-036(d)	Yes	In Progress	Asphalt batch plant
			03-043(b)	No	In Progress	Asphalt batch plant
			03-043(d)	No	In Progress	Asphalt batch plant
			03-043(h)	No	In Progress	Asphalt batch plant
			03-045(g)	Yes	In Progress	Asphalt batch plant
		03-009(i)		Yes	In Progress	Surface disposal site
		03-010(c)		No	Administratively Complete	Operational release
		03-010(d)		No	Administratively Complete	Operational release
		03-012(b)-00	03-012(b)	Yes	In Progress	Miscellaneous - TA-03 power plant
			03-014(q)	Yes	In Progress	Miscellaneous - TA-03 power plant
			03-045(b)	Yes	In Progress	Miscellaneous - TA-03 power plant
			03-045(c)	Yes	In Progress	Miscellaneous - TA-03 power plant
		03-013(a)-00	03-013(a)	Yes	In Progress	Drainlines and outfalls
			03-052(f)	Yes	In Progress	Drainlines and outfalls
		03-013(b)		No	In Progress	Operational release
		03-013(c)		No	Administratively Complete	Operational release
		03-013(d)		No	Administratively Complete	Operational release
		03-013(e)		No	Administratively Complete	Operational release
		03-013(f)		No	Administratively Complete	Operational release
		03-013(i)		No	In Progress	Operational release
		03-014(a)-99	03-014(a)	Yes	In Progress	Wastewater treatment plant
			03-014(b)	Yes	In Progress	Wastewater treatment plant
			03-014(b2)	No	In Progress	Wastewater treatment plant
			03-014(c)	Yes	In Progress	Wastewater treatment plant
	03-014(c2)	No	In Progress	Wastewater treatment plant		

SANDIA WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Sandia	Upper Sandia Canyon	03-014(a)-99	03-014(d)	Yes	In Progress	Wastewater treatment plant
			03-014(e)	Yes	In Progress	Wastewater treatment plant
			03-014(f)	Yes	In Progress	Wastewater treatment plant
			03-014(g)	Yes	In Progress	Wastewater treatment plant
			03-014(h)	Yes	In Progress	Wastewater treatment plant
			03-014(i)	Yes	In Progress	Wastewater treatment plant
			03-014(j)	Yes	In Progress	Wastewater treatment plant
			03-014(k)	Yes	In Progress	Wastewater treatment plant
			03-014(l)	Yes	In Progress	Wastewater treatment plant
			03-014(m)	Yes	In Progress	Wastewater treatment plant
			03-014(n)	Yes	In Progress	Wastewater treatment plant
			03-014(o)	Yes	In Progress	Wastewater treatment plant
			03-014(p)	Yes	In Progress	Wastewater treatment plant
			03-014(u)	Yes	In Progress	Wastewater treatment plant
		03-056(d)	Yes	In Progress	Wastewater treatment plant	
		03-014(r)	Yes	In Progress	Wastewater treatment facility	
		03-014(s)	Yes	In Progress	Wastewater treatment facility	
		03-014(v)	No	In Progress	Wastewater treatment facility	
		03-014(y)	No	In Progress	Wastewater treatment facility	
		03-015-00	03-015	Yes	In Progress	Drainlines and outfall
			03-053	No	In Progress	Drainlines and outfall
		03-016(b)	No	Administratively Complete	Septic system	
		03-016(c)	No	Administratively Complete	Septic system	
		03-016(d)	No	Administratively Complete	Septic system	
		03-016(e)	No	Administratively Complete	Septic system - duplicate of 3-014(s)	
		03-016(f)	No	Administratively Complete	Septic system - duplicate of 3-014(s)	
		03-020(a)	Yes	Administratively Complete	Disposal pit	
		03-020(b)	No	Administratively Complete	Surface disposal site	
		03-021	Yes	In Progress	Surface disposal site	
		03-023	No	Administratively Complete	Sump	
		03-024	Yes	Administratively Complete	Tank and/or associated equipment	
		03-026(b)	Yes	Administratively Complete	Sumps (active)	
		03-027	No	In Progress	Separation site	
		03-032	Yes	Administratively Complete	Tank and associated equipment	
		03-035(a)	Yes	Administratively Complete	Underground storage tank	
		03-035(b)	Yes	Administratively Complete	Underground storage tank	
		03-036(b)	No	In Progress	Aboveground tanks	
		03-036(e)	No	Administratively Complete	Aboveground tank	
		03-036(f)	No	Administratively Complete	Aboveground tank	
		03-036(g)	No	Administratively Complete	Aboveground tank	
		03-036(h)	No	Administratively Complete	Aboveground tanks	
		03-036(i)	No	Administratively Complete	Aboveground tank	
		03-036(j)	No	Administratively Complete	Aboveground tanks	
		03-037	Yes	In Progress	Underground tank	

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Sandia	Upper Sandia Canyon	03-038(c)		No	Administratively Complete	Waste lines
		03-038(d)		No	Administratively Complete	Waste lines
		03-039(a)		Yes	Administratively Complete	Silver recovery unit
		03-039(b)		No	Administratively Complete	Silver recovery unit
		03-039(d)		No	Administratively Complete	Silver recovery unit
		03-039(e)		No	Administratively Complete	Silver recovery unit
		03-040(b)		No	Administratively Complete	Storage area
		03-043(a)		No	Administratively Complete	Aboveground tank
		03-043(e)		Yes	Administratively Complete	Underground storage tank
		03-043(f)		No	Administratively Complete	Aboveground tank
		03-043(g)		No	Administratively Complete	Aboveground tank
		03-044(a)		Yes	Administratively Complete	Container storage area
		03-045(a)		Yes	In Progress	Outfall (industrial or sanitary wastewater treatment)
		03-045(d)		Yes	Administratively Complete	Storage tank (aboveground)
		03-045(e)		Yes	In Progress	Outfall (industrial or sanitary wastewater treatment)
		03-045(f)		Yes	In Progress	Outfall from drain (industrial or sanitary wastewater treatment)
		03-045(i)		Yes	Administratively Complete	Outfall
		03-046		Yes	Pending	Above ground wastewater treatment tank
		03-047(a)		No	Administratively Complete	Storage area
		03-047(b)		No	Administratively Complete	Storage area
		03-047(c)		No	Administratively Complete	Drum storage
		03-047(d)		No	Pending	Storage area
		03-047(e)		No	Administratively Complete	Storage area
		03-047(f)		No	Administratively Complete	Storage area
		03-047(g)		No	Administratively Complete	Drum storage
		03-047(h)		No	Administratively Complete	Storage area
		03-047(i)		No	Administratively Complete	Satellite accumulation area
		03-049(c)		Yes	Administratively Complete	Outfall (active)
		03-050(c)		No	Administratively Complete	Exhaust emissions, off-gas scrubber of HEPA filter system
		03-051(c)		No	In Progress	Soil contamination (vacuum pump leaking)
		03-052(b)		No	In Progress	Storm drainage
		03-052(c)		Yes	Administratively Complete	One-time release
		03-052(d)		No	Administratively Complete	Storm drainage (non-PCB transformers / capacitors)
		03-054(c)		Yes	In Progress	Outfall
		03-056(a)		Yes	In Progress	Storage area
		03-056(b)		No	Administratively Complete	Container storage area
		03-056(c)		Yes	In Progress	Transformer storage area - PCB only site
		03-056(h)		No	Administratively Complete	Transformer storage area - PCB only site
		03-056(i)		No	Administratively Complete	Drum storage
		03-056(k)		No	In Progress	Container storage area
		03-056(l)		Yes	In Progress	Drum storage
		03-056(n)		Yes	Administratively Complete	Container storage area
		03-057		No	Administratively Complete	Sump / grease trap

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Sandia	Upper Sandia Canyon	03-059-00	03-003(n)	No	In Progress	Storage area
			03-059	Yes	In Progress	Storage area
		60-001(a)		No	Administratively Complete	Storage area (active)
		60-001(b)		No	Administratively Complete	Storage area (active)
		60-001(c)		No	Administratively Complete	Storage area (active)
		60-001(d)		No	Administratively Complete	Storage area, pesticide shed
		60-002		Yes	In Progress	Storage area
		60-003		No	Administratively Complete	Oil-water separator
		60-004(a)		No	Administratively Complete	Storage area
		60-004(b)		No	In Progress	Storage area
		60-004(d)		No	In Progress	Storage area
		60-004(f)		No	In Progress	Storage area
		60-005(b)		No	Administratively Complete	Drilling mud pit
		60-006(a)		Yes	In Progress	Septic system
		60-006(c)		No	Administratively Complete	Septic tank
		60-007(a)		Yes	In Progress	Systematic or intent. prod. release
		60-007(b)		Yes	In Progress	Systematic or intent. prod. release
		61-001		No	Administratively Complete	Storage area
		61-002		Yes	In Progress	Transformer storage area - PCB only site
		61-003		No	Administratively Complete	Burn sites
		61-004(a)		Yes	Administratively Complete	Former septic tank
		61-004(c)		No	Administratively Complete	Septic system
		61-005		Yes	In Progress	Landfill (Los Alamos municipal)
		61-006		Yes	In Progress	Waste oil tank
		C-03-001		No	Administratively Complete	Gas trap
		C-03-002		No	Administratively Complete	One-time spill, leak from asphalt machine
		C-03-004		No	Administratively Complete	Miscellaneous debris
		C-03-005		No	Administratively Complete	Oil Spill
		C-03-009		No	Administratively Complete	Storage area
		C-03-011		No	Administratively Complete	Waste oil tank
		C-03-015		No	Administratively Complete	Underground storage tank
		C-03-016		No	In Progress	Oil metal bin
		C-03-017		No	Administratively Complete	Underground storage tank
		C-03-018		No	Administratively Complete	Underground storage tank
		C-03-020		No	Administratively Complete	Storage tanks
		C-03-022		No	Administratively Complete	Kerosene tanker trailer
		C-60-001		No	Administratively Complete	Underground tank
		C-60-003		No	Administratively Complete	One-time spill at pesticide shed
		C-60-004		No	Administratively Complete	Underground tank
		C-61-001		No	Administratively Complete	Leak from transformer storage area - PCB only site
		C-61-002		No	In Progress	Subsurface contamination

Appendix C

Mortandad Watershed SWMUs and AOCs

MORTANDAD WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Mortandad	Lower Mortandad/Cañada del Buey	None	(blank)	(blank)	(blank)	(blank)
	Lower Mortandad/Cedro Canyons	05-001(c)		No	In Progress	Former firing site
		05-003		Yes	In Progress	Former calibration chamber
		05-004		Yes	In Progress	Former septic system
		05-005(b)-00	05-005(b)	Yes	In Progress	Former structures
			05-006(c)	Yes	In Progress	Former structures
		05-006(a)		No	Administratively Complete	Former building location
	Middle Cañada del Buey	18-005(b)		No	Administratively Complete	Storage area
		18-005(c)		No	Administratively Complete	Storage area
		51-001		No	In Progress	Septic system
		51-002(a)		No	Administratively Complete	Usage site (environmental research caisson)
		51-002(b)		No	Administratively Complete	Usage site (environmental research caisson)
		54-001(a)		Yes	In Progress	Storage area
		54-001(b)		No	In Progress	Storage area
		54-001(c)		Yes	Administratively Complete	Storage area
		54-001(d)		No	In Progress	Storage area
		54-001(e)		No	In Progress	Storage area
		54-002		No	In Progress	Storage area (gas cylinder storage area)
		54-004		Yes	In Progress	Material disposal area (MDA H)
		54-005		Yes	Pending	Material disposal area (MDA J) (Pits 1-5, Shafts 1-4)
		54-006		Yes	In Progress	Material disposal area (MDA L) (all subsurface units such as Pit A, SI B,C,D, Shafts 1-28, 29-34)
		54-007(c)-99	54-007(c)	Yes	Administratively Complete	Former septic systems
			54-007(e)	No	Administratively Complete	Former septic systems
		54-007(d)		No	In Progress	Septic system
		54-013(a)		Yes	Administratively Complete	Decontamination facility
		54-015(h)		Yes	Administratively Complete	Drum storage area
		54-016(a)		No	Administratively Complete	Sump
	C-18-002		No	Administratively Complete	Building	
	C-51-001		No	Administratively Complete	Storage area	
	C-51-002		No	Administratively Complete	Buildings	
	Middle Mortandad/Ten Site Canyons	00-001		Yes	In Progress	Sediment traps in Mortandad Canyon
		00-005		Yes	Administratively Complete	Landfill
		04-001-99	04-001	Yes	In Progress	Firing site - Alpha Site
			04-002	Yes	In Progress	Firing site - Alpha Site
			04-003(b)	Yes	In Progress	Firing site - Alpha Site
		05-001(a)-99	05-001(a)	Yes	In Progress	Firing site - Beta Site
			05-001(b)	Yes	In Progress	Firing site - Beta Site
			05-002	Yes	In Progress	Firing site - Beta Site
			05-006(h)	Yes	In Progress	Firing site - Beta Site
		05-005(a)-00	05-005(a)	Yes	In Progress	Firing site - Beta Site

MORTANDAD WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION	
Mortandad	Middle Mortandad/Ten Site	05-005(a)-00	05-006(b)	Yes	In Progress	Firing site - Beta Site	
			05-006(e)	Yes	In Progress	Firing site - Beta Site	
		05-006(d)		No	Administratively Complete	Former building location	
		05-006(f)		No	Administratively Complete	Former building location	
		05-006(g)		No	Administratively Complete	Former building location	
		35-001		No	Administratively Complete	Material disposal area (MDA W)	
		35-002		Yes	In Progress	Material disposal area (MDA X)	
		35-003(a)-99	35-003(a)	Yes	In Progress	Wastewater treatment plant	
			35-003(b)	Yes	In Progress	Wastewater treatment plant	
			35-003(c)	Yes	In Progress	Wastewater treatment plant	
			35-003(e)	Yes	In Progress	Wastewater treatment plant	
			35-003(f)	Yes	In Progress	Wastewater treatment plant	
			35-003(g)	Yes	In Progress	Wastewater treatment plant	
			35-003(h)	Yes	In Progress	Wastewater treatment plant	
			35-003(m)	Yes	In Progress	Wastewater treatment plant	
			35-003(misc)	No	In Progress	Wastewater treatment plant	
			35-003(n)	Yes	In Progress	Wastewater treatment plant	
			35-003(o)	Yes	In Progress	Wastewater treatment plant	
			35-003(p)	Yes	In Progress	Wastewater treatment plant	
			35-003(d)-00	35-003(d)	Yes	In Progress	Wastewater treatment plant - Pratt Canyon
				35-003(l)	Yes	In Progress	Wastewater treatment plant - Pratt Canyon
		35-003(q)		Yes	In Progress	Wastewater treatment plant - Pratt Canyon	
		35-003(r)		No	In Progress	Wastewater treatment plant - Pratt Canyon	
		35-003(i)		Yes	Administratively Complete	Wastewater treatment facility	
		35-003(j)-99	35-003(j)	Yes	In Progress	Former structures	
			35-003(k)	Yes	In Progress	Former structures	
			35-014(b)	Yes	In Progress	Former structures	
			35-014(d)	No	In Progress	Former structures	
			35-015(b)	Yes	In Progress	Former structures	
		35-004(a)		Yes	In Progress	Storage areas	
		35-004(b)		Yes	In Progress	Storage areas	
		35-004(c)		No	Administratively Complete	Storage areas	
		35-004(d)		No	Administratively Complete	Container storage area	
		35-004(e)		Yes	Administratively Complete	Container storage area	
		35-004(f)		No	Administratively Complete	Container storage area	
		35-004(g)-00	35-004(g)	Yes	In Progress	Septic system	
			35-009(b)	Yes	In Progress	Septic system	
		35-004(h)		Yes	In Progress	Container storage area	
		35-004(i)		No	Administratively Complete	Container storage area	
		35-004(j)		No	Administratively Complete	Container storage area	
35-004(k)		No	Administratively Complete	Container storage area			
35-004(l)		No	Administratively Complete	Container storage area			
35-004(n)		No	Administratively Complete	Container storage area			
35-004(o)		No	Administratively Complete	Container storage area			

MORTANDAD WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Mortandad	Middle Mortandad/Ten Site Canyons	35-005(a)		No	Administratively Complete	Surface impoundment (closure) building 85 duplicate of 35-006
		35-005(b)		No	Administratively Complete	Surface impoundment (closure) building 125
		35-006		Yes	Administratively Complete	Surface impoundment
		35-007		No	Administratively Complete	Waste oil treatment
		35-008-00	35-008	Yes	In Progress	Surface disposal
			35-014(e)	Yes	In Progress	Surface disposal
		35-009(a)		Yes	In Progress	Septic system
		35-009(c)		Yes	In Progress	Septic system
		35-009(d)		Yes	In Progress	Septic system
		35-009(e)		Yes	In Progress	Septic system
		35-010(a)-99	35-010(a)	Yes	In Progress	Former surface impoundment
			35-010(b)	Yes	In Progress	Former surface impoundment
			35-010(c)	Yes	In Progress	Former surface impoundment
			35-010(d)	Yes	In Progress	Former surface impoundment
			35-010(e)	No	In Progress	Former surface impoundment
		35-011(a)		Yes	Administratively Complete	Aboveground storage tanks
		35-011(b)		No	Administratively Complete	Underground storage tank
		35-011(c)		No	Administratively Complete	Underground storage tank
		35-011(d)		No	Administratively Complete	Underground storage tank
		35-012(a)		No	Administratively Complete	Underground storage tank
		35-012(b)		No	Administratively Complete	Underground storage tank (inactive)
		35-013(a)		Yes	In Progress	Sump
		35-013(b)		Yes	In Progress	Sump
		35-013(c)		Yes	In Progress	Sump
		35-013(d)		Yes	Administratively Complete	Floor drains
		35-014(a)		Yes	In Progress	Operational release
		35-014(c)		No	Administratively Complete	Operational release
		35-014(e3)		No	Administratively Complete	Operational release
		35-014(f)		No	In Progress	Soil contamination
		35-014(g)-00	35-004(m)	No	In Progress	Soil contamination area
			35-014(g)	Yes	In Progress	Soil contamination area
			35-014(g2)	No	In Progress	Soil contamination area
			35-016(n)	No	In Progress	Soil contamination area
		35-014(g3)		No	In Progress	Soil contamination
		35-015(a)		Yes	In Progress	Soil contamination
		35-016(a)-00	35-016(a)	Yes	In Progress	Drains and outfalls
			35-016(q)	Yes	In Progress	Drains and outfalls
		35-016(b)		No	In Progress	Outfall
		35-016(c)-00	35-016(c)	Yes	In Progress	Drainlines and outfall
			35-016(d)	Yes	In Progress	Drainlines and outfall
35-016(e)		No	In Progress	Outfall		
35-016(f)		No	In Progress	Storm drain		
35-016(g)		No	In Progress	Outfall		

MORTANDAD WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Mortandad	Middle Mortandad/Ten Site	35-016(h)		No	In Progress	Storm drain
		35-016(i)-00	35-014(e2)	No	In Progress	Drainlines and outfalls
			35-016(i)	Yes	In Progress	Drainlines and outfalls
		35-016(j)		No	In Progress	Storm drain
		35-016(k)-00	35-016(k)	Yes	In Progress	Drainlines and outfalls
			35-016(l)	No	In Progress	Drainlines and outfalls
		35-016(m)		Yes	In Progress	Drains and outfalls
		35-016(o)		Yes	In Progress	Drains and outfalls
		35-016(p)		Yes	In Progress	Outfall
		35-017		No	Administratively Complete	Soil contamination from reactor
		35-018(a)		No	In Progress	Transformer
		35-018(b)		No	Administratively Complete	Former transformer site - PCB only site
		52-002(a)		Yes	In Progress	Septic system
		52-002(c)		Yes	Administratively Complete	Septic system
		52-002(d)		Yes	Administratively Complete	Septic system
		52-002(e)		Yes	Administratively Complete	Septic tank and seepage pit
		52-003(a)		No	In Progress	Waste treatment facility
		52-003(b)		No	Administratively Complete	Industrial waste line
		60-004(c)		No	In Progress	Storage area
		60-004(e)		No	In Progress	Storage area
		60-005(a)		Yes	In Progress	Surface impoundment -formerly SWMU 03-029(a)
		60-006(b)		No	Administratively Complete	Septic system
		63-001(a)		Yes	In Progress	Septic system
		63-001(b)		Yes	In Progress	Septic system
		63-002		No	Administratively Complete	Container storage area
		C-04-001		No	Administratively Complete	Former building location
		C-05-001		No	Administratively Complete	Former building location
		C-35-001		No	Administratively Complete	Former UST site
		C-35-002		No	Administratively Complete	Former UST site
		C-35-003		No	Administratively Complete	Former UST site
		C-35-004		No	Administratively Complete	Operational release
		C-35-005		No	Administratively Complete	Operational release
		C-35-006		No	Administratively Complete	Operational release
	C-35-007		No	In Progress	Soil contamination	
	C-35-008		No	Administratively Complete	Leaking transformer - PCB only site	
	Upper Cañada del Buey	04-003(a)-00	04-003(a)	Yes	In Progress	Alpha Site Photoprocessing Building, drainlines, and outfall
			04-004	No	In Progress	Alpha Site Photoprocessing Building, drainlines, and outfall
		46-001		No	Administratively Complete	Aboveground tank
		46-002		Yes	In Progress	Surface impoundment
		46-003(a)		Yes	In Progress	Septic system
		46-003(b)		Yes	In Progress	Septic system
		46-003(c)		Yes	In Progress	Septic system
46-003(d)			Yes	In Progress	Septic system	
46-003(e)		Yes	In Progress	Septic system		

MORTANDAD WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Mortandad	Upper Cañada del Buey	46-003(f)		Yes	In Progress	Septic system
		46-003(g)		Yes	In Progress	Septic system
		46-003(h)		Yes	In Progress	Operational release
		46-004(a)		Yes	In Progress	Waste line
		46-004(a2)		Yes	In Progress	Outfall
		46-004(b)		Yes	In Progress	Operational release
		46-004(b2)		Yes	In Progress	Operational release
		46-004(c)		Yes	In Progress	Sump
		46-004(c2)		Yes	In Progress	Outfall
		46-004(d)-99	46-004(d)	Yes	In Progress	Dry wells
			46-004(e)	Yes	In Progress	Dry wells
		46-004(d2)-99	46-004(d2)	Yes	In Progress	Stack emissions/outfalls
			46-004(g)	Yes	In Progress	Stack emissions/outfalls
			46-004(h)	Yes	In Progress	Stack emissions/outfalls
			C-46-002	No	In Progress	Stack emissions/outfalls
			C-46-003	No	In Progress	Stack emissions/outfalls
		46-004(e2)		No	In Progress	Outfall from Building 46-42
		46-004(f)		Yes	In Progress	Outfall
		46-004(f2)		No	In Progress	Outfall from Building 46-31
		46-004(i)		No	Administratively Complete	Outfall
		46-004(j)		No	Administratively Complete	Outfall
		46-004(k)		No	Administratively Complete	Outfall
		46-004(l)		No	Administratively Complete	Outfall
		46-004(m)		Yes	In Progress	Outfall
		46-004(n)		No	Administratively Complete	Outfall
		46-004(o)		No	Administratively Complete	Outfall
		46-004(p)		Yes	In Progress	Sump
		46-004(q)		Yes	In Progress	Outfall
		46-004(r)		Yes	In Progress	Outfall
		46-004(s)		Yes	In Progress	Outfall
		46-004(t)		Yes	In Progress	Outfall
		46-004(u)		Yes	In Progress	Outfall
		46-004(v)		Yes	In Progress	Outfall
		46-004(w)		Yes	In Progress	Outfall
		46-004(x)		Yes	In Progress	Outfall
		46-004(y)		Yes	In Progress	Outfall
		46-004(z)		Yes	In Progress	Outfall
		46-005		Yes	In Progress	Surface impoundment
		46-006(a)		Yes	In Progress	Operational release
		46-006(b)		Yes	In Progress	Operational release
46-006(c)		Yes	In Progress	Operational release		
46-006(d)		Yes	In Progress	Operational release		
46-006(e)		No	Administratively Complete	Surface disposal		
46-006(f)		Yes	In Progress	Storage area		

MORTANDAD WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION	
Mortandad	Upper Cafñada del Buey	46-006(g)		Yes	In Progress	Operational release	
		46-007		Yes	In Progress	Operational release	
		46-008(a)		Yes	In Progress	Storage area	
		46-008(b)		Yes	In Progress	Storage area	
		46-008(c)		Yes	Administratively Complete	Storage area	
		46-008(d)		Yes	In Progress	Storage area	
		46-008(e)		Yes	In Progress	Storage area	
		46-008(f)		Yes	In Progress	Storage area	
		46-008(g)		Yes	In Progress	Storage area	
		46-008misc		No	Administratively Complete	Storage area - doesn't exist	
		46-009(a)		Yes	In Progress	Surface disposal	
		46-009(b)		Yes	In Progress	Surface disposal	
		46-010(a)		No	Administratively Complete	Storage area	
		46-010(b)		No	Administratively Complete	Storage area	
		46-010(c)		No	Administratively Complete	Storage area	
		46-010(d)		Yes	In Progress	Operational release SAA	
		46-010(e)		No	Administratively Complete	Storage area	
		46-010(f)		No	Administratively Complete	Storage area	
		46-010misc		No	Administratively Complete	Storage area - doesn't exist	
		52-001(a)		Yes	Administratively Complete	UHTREX equipment	
		52-001(b)		Yes	Administratively Complete	UHTREX equipment	
		52-001(c)		Yes	Administratively Complete	UHTREX equipment	
		52-001(d)		Yes	Pending	UHTREX equipment	
		52-002(b)		Yes	Administratively Complete	Septic system	
		52-002(f)		Yes	Administratively Complete	Septic system	
		52-002(g)		No	Administratively Complete	Septic system	
		52-004		No	Administratively Complete	Evaporator	
		C-46-001		No	In Progress	One-time spill	
		C-52-001		No	Administratively Complete	Former transformer site - PCB only site	
		C-52-002		No	Administratively Complete	Former transformer site - PCB only site	
		03-001(h)	Upper Mortandad Canyon		No	Administratively Complete	Satellite accumulation area
		03-001(j)			No	Administratively Complete	Satellite accumulation area
		03-001(y)			No	Administratively Complete	Satellite accumulation area
	03-003(e)			No	Administratively Complete	Storage area (transformers) - PCB only site	
	03-003(i)			No	Administratively Complete	Storage area (transformer) - PCB only site	
	03-004(a)			No	Administratively Complete	Container storage	
	03-004(b)			No	Administratively Complete	Container storage	
	03-004(c)			No	In Progress	Storage area	
	03-004(d)			No	In Progress	Storage area	
	03-004(e)			No	Administratively Complete	Storage area	
	03-004(f)			No	Administratively Complete	Storage area	
	03-007			No	In Progress	Firing site	
	03-009(c)			Yes	Administratively Complete	Construction debris area	
03-009(e)		Yes		Administratively Complete	Surface disposal area		

MORTANDAD WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Mortandad	Upper Mortandad Canyon	03-009(h)		Yes	Administratively Complete	Surface disposal area
		03-010(b)		No	Administratively Complete	Operational release
		03-012(a)		Yes	Administratively Complete	Controlled operational release
		03-014(w)		No	In Progress	Wastewater treatment facility
		03-014(x)		No	In Progress	Wastewater treatment facility
		03-025(a)		Yes	Administratively Complete	Tank and associated equipment (oil trap sump)
		03-026(a)		No	In Progress	Sump
		03-026(c)		Yes	In Progress	Tank and/or associated equipment
		03-030		No	Administratively Complete	Surface impoundment
		03-031		Yes	In Progress	Tanks and/or associated equipment
		03-034(a)		Yes	In Progress	Tank and/or associated equipment, radioactive liquid waste tanks
		03-034(b)		Yes	In Progress	Tank and/or associated equipment
		03-041		No	Administratively Complete	Underground tank
		03-045(h)-00	03-045(h)	Yes	In Progress	Drainlines and outfalls
			03-049(a)	Yes	In Progress	Drainlines and outfalls
		03-048		No	Administratively Complete	Satellite accumulation area
		03-049(b)-00	03-049(b)	Yes	In Progress	Miscellaneous
			C-03-014	No	In Progress	Miscellaneous
		03-049(d)		Yes	Administratively Complete	Outfall (active)
		03-049(e)		Yes	In Progress	Outfall
		03-050(b)		No	Administratively Complete	Exhaust emissions, off-gas scrubber of HEPA filter system
		03-054(e)		Yes	In Progress	Outfall
		03-056(e)		No	Administratively Complete	Satellite accumulation area
		03-058		No	Administratively Complete	Container storage
		42-001(a)-99	42-001(a)	Yes	In Progress	TA-42 incinerator complex
			42-001(b)	Yes	In Progress	TA-42 incinerator complex
			42-001(c)	Yes	In Progress	TA-42 incinerator complex
			42-002(a)	No	In Progress	TA-42 incinerator complex
			42-002(b)	Yes	In Progress	TA-42 incinerator complex
			42-003	Yes	In Progress	TA-42 incinerator complex
		42-004		No	Administratively Complete	Canyon disposal
		48-001		No	In Progress	Air exhaust system
		48-002(a)		Yes	In Progress	Container storage area
		48-002(b)		Yes	In Progress	Container storage area
		48-002(c)		No	Administratively Complete	Container storage area
		48-002(d)		No	Administratively Complete	Container storage
		48-002(e)		No	In Progress	Container storage
		48-003		Yes	In Progress	Septic system
		48-004(a)-99	48-004(a)	Yes	In Progress	Sumps and tanks
			48-004(b)	Yes	In Progress	Sumps and tanks
			48-004(c)	Yes	In Progress	Sumps and tanks
		48-004(d)		No	Administratively Complete	Sumps and tanks
		48-005		Yes	In Progress	Waste lines

MORTANDAD WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Mortandad	Upper Mortandad Canyon	48-006		No	Administratively Complete	Septic system
		48-007(a)-00	48-007(a)	Yes	In Progress	Drainlines and outfalls
			48-007(d)	Yes	In Progress	Drainlines and outfalls
			48-010	Yes	In Progress	Drainlines and outfalls
		48-007(b)		Yes	In Progress	Drains and outfalls
		48-007(c)		Yes	In Progress	Drains and outfalls
		48-007(e)		No	Administratively Complete	Outfall
		48-007(f)		Yes	In Progress	Drains and outfalls
		48-008		No	Administratively Complete	Transformer leak - PCB only site
		48-009		No	Administratively Complete	Soil contamination
		48-011		No	In Progress	Disposal shaft
		48-012		No	In Progress	Soil contamination
		50-001(a)		Yes	In Progress	Waste treatment facility TA-50-1 - RCRA Unit (active)
		50-001(b)		No	In Progress	Waste lines and manholes
		50-002(a)		Yes	In Progress	Underground tanks
		50-002(b)-00	50-002(b)	Yes	In Progress	Vaulted underground tanks for TA-55 wastes
			50-002(c)	Yes	In Progress	Vaulted underground tanks for TA-55 wastes
		50-002(d)		No	In Progress	Aboveground storage tank
		50-003(a)		No	In Progress	Container storage area
		50-003(b)		No	Administratively Complete	Storage area
		50-003(c)		No	Administratively Complete	Storage area
		50-003(d)		No	Administratively Complete	Storage area
		50-003(e)		No	Administratively Complete	Storage area
		50-004(a)-00	50-004(a)	Yes	In Progress	Historical waste lines and underground vault, Radioactive Liquid Waste Treatment Facility
			50-004(b)	Yes	In Progress	Historical waste lines and underground vault, Radioactive Liquid Waste Treatment Facility
			50-004(c)	Yes	In Progress	Historical waste lines and underground vault, Radioactive Liquid Waste Treatment Facility
		50-005		No	Administratively Complete	Waste treatment facility
		50-006(a)		Yes	In Progress	Operational release
		50-006(b)		No	Administratively Complete	Operational release
		50-006(c)		Yes	In Progress	Operational release
		50-006(d)		Yes	In Progress	Effluent discharge
		50-006(e)		No	Administratively Complete	Aboveground tank
		50-007		No	In Progress	Incinerator
		50-008		No	In Progress	Reduction site
		50-009		Yes	In Progress	Material disposal area (MDA C)
		50-010		No	In Progress	Decontamination facility
		50-011(a)		Yes	In Progress	Septic system
		50-011(b)		No	In Progress	Lift stations
		55-001		No	Administratively Complete	Cement plant
		55-002(a)		No	Administratively Complete	Rad waste storage area
55-002(b)		No	Administratively Complete	Rad waste storage area		

MORTANDAD WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Mortandad	Upper Mortandad Canyon	55-002(c)		No	Administratively Complete	Container storage area
		55-003		No	Administratively Complete	Containment area
		55-004		No	Administratively Complete	Evaporator
		55-005		No	Administratively Complete	Filtration unit
		55-006		No	Administratively Complete	Glass breaker
		55-007		No	Administratively Complete	Thermal combustion unit
		55-008		Yes	In Progress	Sumps and tanks
		55-009		Yes	Pending	Concrete enclosure
		55-010		No	Administratively Complete	Solvent spills
		55-011(a)		No	Administratively Complete	Storm drain
		55-011(b)		No	Administratively Complete	Storm drain
		55-011(c)		No	Administratively Complete	Storm drain
		55-011(d)		No	Administratively Complete	Storm drain
		55-011(e)		No	Administratively Complete	Storm drain
		55-012		No	Administratively Complete	Container storage area
		55-013(a)		No	Administratively Complete	Storage area
		55-013(b)		No	Administratively Complete	Storage area
		C-03-006		No	In Progress	One-time spill
		C-03-007		No	Administratively Complete	Storage area
		C-03-012		No	Administratively Complete	Satellite accumulation area
		C-60-002		No	Administratively Complete	Underground tank

Appendix D

Pajarito Watershed SWMUs and AOCs

PAJARITO WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Pajarito	Lower Pajarito Canyon	18-001(a)-00	18-001(a)	Yes	In Progress	Industrial or sanitary wastewater treatment
		18-001(c)-00	18-001(b)	Yes	In Progress	Industrial or sanitary wastewater treatment
			18-001(c)	Yes	In Progress	Tanks, sumps, outfalls
		18-002(a)	18-012(b)	Yes	In Progress	Tanks, sumps, outfalls
				Yes	Pending	Firing site (inactive)
		18-002(b)		Yes	Pending	Firing site (inactive)
		18-002(c)		No	In Progress	Drop tower
		18-003(a)-00	18-003(a)	Yes	In Progress	Tanks, sumps, and outfalls
			18-003(b)	Yes	In Progress	Tanks, sumps, and outfalls
		18-003(c)		Yes	In Progress	Septic system
		18-003(d)		Yes	In Progress	Septic system
		18-003(e)		Yes	In Progress	Septic system
		18-003(f)		Yes	In Progress	Septic system
		18-003(g)		Yes	In Progress	Septic system
		18-003(h)		Yes	In Progress	Septic system
		18-004(a)-00	18-004(a)	Yes	In Progress	Tanks, sumps, outfalls
			18-004(b)	Yes	In Progress	Tanks, sumps, outfalls
		18-005(a)		Yes	In Progress	Storage area
		18-006		No	Administratively Complete	Storage pipe
		18-008		No	Administratively Complete	Underground tank TA 18-26
		18-009(a)		No	Administratively Complete	Transformer - PCB only site
		18-009(b)		No	Administratively Complete	Transformer - PCB only site
		18-009(c)		No	Administratively Complete	Transformer - PCB only site
		18-009(d)		No	Administratively Complete	Transformer - PCB only site
		18-009(e)		No	Administratively Complete	Transformer - PCB only site
		18-010(a)		No	Administratively Complete	Outfall
		18-010(b)		No	In Progress	Outfall
		18-010(c)		No	In Progress	Outfall
		18-010(d)		No	In Progress	Outfall
		18-010(e)		No	In Progress	Outfall
		18-010(f)		No	In Progress	Outfall
		18-011		No	In Progress	Soil containment
		18-012(a)		Yes	In Progress	Outfall
		18-012(c)		No	In Progress	Sump and drainlines
		18-012(d)		No	Administratively Complete	Drainline
		18-013		No	In Progress	Waste tank
		27-001		Yes	Administratively Complete	Buried naval guns
		27-002		Yes	In Progress	Firing sites (inactive)
		27-003		Yes	In Progress	Bazooka impact area
		27-004		No	Administratively Complete	Former control building
54-001(f)		No	Administratively Complete	Storage area		
54-007(a)		Yes	Pending	Septic system		
54-007(b)		Yes	Administratively Complete	Septic system (inactive)		
54-008		No	Administratively Complete	Underground tank		

PAJARITO WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Pajarito	Lower Pajarito Canyon	54-009		No	In Progress	Aboveground tanks (treatment tanks)
		54-010		No	Administratively Complete	Underground tank (supply wash-water tank)
		54-012(a)		No	In Progress	Former reduction site (drum compactor)
		54-012(b)		Yes	In Progress	Reduction site
		54-013(b)-99	54-013(b)	Yes	In Progress	Material disposal area (MDA G) subsurface waste management units
			54-014(b)	Yes	In Progress	Material disposal area (MDA G) subsurface waste management units
			54-014(c)	Yes	In Progress	Material disposal area (MDA G) subsurface waste management units
			54-014(d)	Yes	In Progress	Material disposal area (MDA G) subsurface waste management units
			54-015(k)	Yes	In Progress	Material disposal area (MDA G) subsurface waste management units
			54-017	Yes	In Progress	Material disposal area (MDA G) subsurface waste management units
			54-018	Yes	In Progress	Material disposal area (MDA G) subsurface waste management units
			54-019	Yes	In Progress	Material disposal area (MDA G) subsurface waste management units
			54-020	Yes	In Progress	Material disposal area (MDA G) subsurface waste management units
			54-014(a)	No	In Progress	Material disposal area (MDA L) storage shafts (Pb stringer shafts)
		54-015(a)	No	In Progress	Storage area (surface corrosive inhibitor)	
		54-015(b)	No	In Progress	Pit 39- LLW disposal area (former TRU surface storage)	
		54-015(c)	No	In Progress	Storage area, TRU Pad 1	
		54-015(d)	No	In Progress	Storage area, TRU Pad 2	
		54-015(e)	No	In Progress	Storage area, TRU Pad 3	
		54-015(f)	No	In Progress	Storage area, TRU Pad 4	
		54-015(g)	No	Administratively Complete	Storage area (Pb casks near shaft 4)	
		54-015(i)	No	Administratively Complete	Storage area -forklift battery	
		54-015(j)	No	In Progress	Storage area (Dome #49, mixed waste sludge)	
		54-016(b)	No	In Progress	Sump	
		54-021	No	Administratively Complete	Aboveground oil storage tanks (6) (inactive)	
		54-022	No	Administratively Complete	Transformer spill (PCB) - PCB only site	
		C-18-001	No	Administratively Complete	Laboratory	
	C-18-003	No	Administratively Complete	Storage area		
	Starmer/Upper Pajarito Canyon	08-001(a)	No	In Progress	Off-gas system	
		08-001(b)	No	In Progress	Off-gas system	
		08-002	Yes	In Progress	Firing site	
		08-003(a)-00	08-003(a)	Yes	In Progress	Septic system, drainlines, and outfall
			08-004(a)	Yes	In Progress	Septic system, drainlines, and outfall

PAJARITO WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Pajarito	Starmer/Upper Pajarito	08-003(a)-00	08-004(b)	Yes	In Progress	Septic system, drainlines, and outfall
			08-009(a)	Yes	In Progress	Septic system, drainlines, and outfall
		08-003(b)		Yes	Administratively Complete	Septic system
		08-003(c)		Yes	Administratively Complete	Septic system
		08-004(c)		Yes	In Progress	Floor drain
		08-004(d)		Yes	In Progress	Drain
		08-005		Yes	Pending	Container storage area
		08-006(a)		Yes	In Progress	Material disposal area (MDA Q)
		08-006(b)		Yes	Administratively Complete	Landfill
		08-007		Yes	Administratively Complete	Silver recovery unit
		08-008(a)		No	Administratively Complete	Storage area
		08-008(b)		No	Administratively Complete	Storage area
		08-008(c)		No	Administratively Complete	Storage area
		08-008(d)		No	Administratively Complete	Storage area
		08-009(b)		No	Administratively Complete	Industrial or sanitary wastewater treatment
		08-009(c)		No	In Progress	Storm drain and outfall
		08-009(d)		Yes	In Progress	Industrial or sanitary wastewater treatment
		08-009(e)		Yes	In Progress	Industrial or sanitary wastewater treatment
		08-009(f)		No	In Progress	Outfall
		08-010(a)		No	Administratively Complete	Storage area
		08-010(b)		No	Administratively Complete	Storage area
		08-010(c)		No	Administratively Complete	Storage area
		08-011(a)		No	Administratively Complete	Underground tank
		08-011(b)		No	Administratively Complete	Underground tank
		09-001(a)-99	09-001(a)	Yes	In Progress	Former firing site structures
			09-001(b)	Yes	In Progress	Former firing site structures
			C-09-005	No	In Progress	Former firing site structures
		09-001(c)		Yes	In Progress	Firing site (inactive)
		09-001(d)		Yes	In Progress	Firing sites (inactive)
		09-002		Yes	In Progress	Burn pit
		09-003(a)-99	09-003(a)	Yes	In Progress	Settling tanks and basket pit associated with Building 09-14
			09-003(b)	Yes	In Progress	Settling tanks and basket pit associated with Building 09-14
			09-003(e)	Yes	In Progress	Settling tanks and basket pit associated with Building 09-14
		09-003(c)		Yes	Administratively Complete	Manhole
		09-003(d)		Yes	In Progress	Settling tank
		09-003(f)		Yes	Administratively Complete	Settling tank
		09-003(g)		Yes	In Progress	Potentially contaminated soil
		09-003(h)		Yes	In Progress	Potentially contaminated soil
		09-003(i)		Yes	In Progress	Potentially contaminated soil
		09-004(a)-99	09-004(a)	Yes	In Progress	Settling tanks
09-004(b)	Yes		In Progress	Settling tanks		
09-004(c)	Yes		In Progress	Settling tanks		
09-004(d)	Yes		In Progress	Settling tanks		
09-004(e)	Yes		In Progress	Settling tanks		

PAJARITO WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Pajarito	Starmer/Upper Pajarito	09-004(a)-99	09-004(f)	Yes	In Progress	Settling tanks
			09-004(h)	Yes	In Progress	Settling tanks
			09-004(i)	Yes	In Progress	Settling tanks
			09-004(j)	Yes	In Progress	Settling tanks
			09-004(k)	Yes	In Progress	Settling tanks
			09-004(l)	Yes	In Progress	Settling tanks
			09-004(m)	Yes	In Progress	Settling tanks
			09-004(n)	Yes	In Progress	Settling tanks
		09-004(g)		Yes	In Progress	Settling tank
		09-004(o)		Yes	In Progress	Settling tank
		09-005(b)		Yes	Administratively Complete	Septic system
		09-005(c)		Yes	Administratively Complete	Septic system
		09-005(e)		Yes	Administratively Complete	Septic system
		09-005(f)		Yes	Administratively Complete	Septic system
		09-005(g)		Yes	In Progress	Septic tank
		09-005(h)		Yes	Administratively Complete	Septic system
		09-006		Yes	In Progress	Septic tank
		09-007		Yes	Administratively Complete	Basket pit
		09-008(a)		No	Administratively Complete	Surface impoundment
		09-008(b)-99	09-005(a)	Yes	In Progress	Septic tanks and sewage oxidation pond
			09-005(d)	Yes	In Progress	Septic tanks and sewage oxidation pond
			09-008(b)	Yes	In Progress	Septic tanks and sewage oxidation pond
		09-009		Yes	In Progress	Surface impoundment
		09-010(a)		No	In Progress	Storage area
		09-010(b)		No	In Progress	Storage area
		09-010(c)		No	Administratively Complete	Storage area
		09-011(a)		No	Administratively Complete	Storage area
		09-011(b)		No	Administratively Complete	Storage area
		09-011(c)		No	In Progress	Storage area
		09-012		No	In Progress	Disposal pit
		09-013		Yes	In Progress	Material disposal area (MDA M)
		09-014		No	Pending	Camera mount
		09-015		No	Administratively Complete	Manhole
		09-016		No	Administratively Complete	Underground tank
		22-001		No	Administratively Complete	Building
		22-011		Yes	In Progress	Disposal pit
		22-014(c)		No	Administratively Complete	Unit does not exist
		22-015(c)		Yes	In Progress	Outfall
		22-015(d)-99	22-010(b)	Yes	In Progress	Septic system
			22-012	Yes	In Progress	Septic system
			22-015(d)	Yes	In Progress	Septic system
			22-015(e)	Yes	In Progress	Septic system
			22-016	Yes	In Progress	Septic system
		40-001(c)		Yes	In Progress	Septic system

PAJARITO WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Pajarito	Starmer/Upper Pajarito	40-002(b)		No	Administratively Complete	Container storage area SAA located inside building TA-40-23
		40-002(c)		No	Administratively Complete	Container storage area SAA located inside building TA-40-05
		40-003(a)		Yes	In Progress	Scrap burn site - completed RCRA closure
		40-003(b)		No	In Progress	Burning area/open detonation (closure)
		40-004		Yes	In Progress	Operational release
		40-006(a)		Yes	In Progress	Firing site (active)
		40-006(b)		Yes	In Progress	Firing site (active)
		40-006(c)		Yes	In Progress	Firing site (active)
		40-007(a)		No	Administratively Complete	Storage area
		40-007(b)		No	Administratively Complete	Storage area
		40-007(c)		No	Administratively Complete	Storage area
		40-007(d)		No	Administratively Complete	Storage area
		40-008		No	Administratively Complete	HE storage area decommissioned
		40-009		Yes	In Progress	Landfill
		40-010		Yes	In Progress	Surface disposal site
		C-08-001		No	Administratively Complete	Building
		C-08-002		No	Administratively Complete	Building
		C-08-003		No	Administratively Complete	Building
		C-08-004		No	Administratively Complete	Building
		C-08-005		No	Administratively Complete	Building
		C-08-006		No	Administratively Complete	Building
		C-08-007		No	Administratively Complete	Building
		C-08-008		No	Administratively Complete	Building
		C-08-009		No	Administratively Complete	Building
		C-08-010		Yes	Pending	Building
		C-08-011		No	Administratively Complete	Building
		C-08-012		No	Administratively Complete	Building
		C-08-013		No	Administratively Complete	Building
		C-08-014		No	In Progress	Laboratory
		C-08-015		No	Administratively Complete	Building
		C-08-016		No	Administratively Complete	Building
		C-08-017		No	Administratively Complete	Storage area
		C-08-018		No	Administratively Complete	Storage area
		C-08-019		No	Administratively Complete	Storage area
		C-08-020		No	Administratively Complete	Disposal area
		C-09-001		Yes	In Progress	Soil contamination
		C-09-002		No	Administratively Complete	Buildings
		C-09-003		No	Administratively Complete	Buildings
		C-09-004		No	Administratively Complete	Building
		C-09-006		No	Administratively Complete	Buildings
		C-09-007		No	Administratively Complete	Building
		C-09-008		No	Administratively Complete	Underground tank
		C-09-009		No	Administratively Complete	Non-intentional release
C-09-010		No	Administratively Complete	Burn site - doesn't exist		

PAJARITO WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Pajarito	Starmer/Upper Pajarito	C-09-011		No	Administratively Complete	Burn site
		C-40-001		No	Administratively Complete	Usage site
	Threemile Canyon	12-001(a)-99	12-001(a)	Yes	In Progress	Former firing site
			12-001(b)	Yes	In Progress	Former firing site
			12-002	Yes	In Progress	Former firing site
			C-12-005	No	In Progress	Former firing site
		12-003		No	Administratively Complete	Storage area
		12-004(a)		No	In Progress	Radiation test facility
		12-004(b)		No	In Progress	Pipe
		15-004(a)		Yes	Pending	Firing Site C (inactive)
		15-004(d)		No	Administratively Complete	Firing Site C (inactive)
		15-004(e)		No	Administratively Complete	Manhole bunker - mistakenly called firing site
		15-005(c)		No	In Progress	Container storage area (R-41)
		15-006(b)		Yes	Pending	Firing Site Ector (active)
		15-006(c)-99	15-006(c)	Yes	In Progress	R-44 firing site (inactive)
			15-008(b)	Yes	In Progress	R-44 firing site (inactive)
		15-006(d)-99	15-006(d)	Yes	In Progress	R-45 firing site
			15-008(g)	No	In Progress	R-45 firing site
		15-007(c)-00	15-007(c)	Yes	Pending	Shafts
			15-007(d)	Yes	Pending	Shafts
		15-009(b)		Yes	In Progress	Septic system
		15-009(c)		Yes	In Progress	Septic tank
		15-009(d)		No	Administratively Complete	Septic tank
		15-009(h)		Yes	In Progress	Septic tank
		15-010(b)		Yes	In Progress	Septic system
		15-014(f)		No	Administratively Complete	Industrial or sanitary wastewater treatment
		15-014(h)		No	In Progress	Outfall
		15-014(m)		Yes	Administratively Complete	Drainline and outfall (active)
		18-007		Yes	Administratively Complete	Buried armored vehicle
		36-002		Yes	In Progress	Sump
		36-003(a)		Yes	In Progress	Septic system
		36-003(d)		No	Administratively Complete	Septic system
		36-008		No	In Progress	NEW SWMU - Surface disposal area located near TA-36-1
		C-12-001		No	In Progress	Building
		C-12-002		No	In Progress	Building
		C-12-003		No	In Progress	Building
	C-12-004		No	In Progress	Building	
	C-12-006		No	Administratively Complete	Pole - duplicate of 12-004(a)	
	C-14-006		No	In Progress	Building	
	C-15-003		No	Administratively Complete	Surface disposal	
	C-15-009		No	Administratively Complete	Underground tank	
	C-36-003		Yes	In Progress	Storm drainages	
Twomile Canyon	03-001(a)		Yes	Administratively Complete	Less-than-ninety day storage	
	03-001(b)		Yes	Administratively Complete	Satellite accumulation area	

PAJARITO WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Pajarito	Twomile Canyon	03-001(c)		Yes	Administratively Complete	Less-than-ninety day storage
		03-001(e)		No	In Progress	Less-than-90-day storage
		03-001(g)		No	Administratively Complete	Satellite accumulation area
		03-001(k)		Yes	In Progress	Less-than-90-day-storage area
		03-001(l)		No	Administratively Complete	Less-than-ninety day storage
		03-001(s)		No	Administratively Complete	Satellite accumulation area
		03-001(t)		No	Administratively Complete	Satellite accumulation area
		03-001(u)		No	Administratively Complete	Satellite accumulation area
		03-001(w)		No	Administratively Complete	Satellite accumulation area
		03-002(d)		Yes	Administratively Complete	Former storage area
		03-003(a)		Yes	In Progress	Storage area
		03-003(b)		Yes	In Progress	Storage area
		03-003(h)		No	Administratively Complete	Storage area (transformers) - PCB only site
		03-003(i)		No	Administratively Complete	Storage area (transformers) - PCB only site
		03-003(k)		No	Administratively Complete	Storage area (transformer) - PCB only site
		03-003(l)		No	In Progress	Storage area
		03-003(p)		No	In Progress	Storage area
		03-009(d)		Yes	Pending	Surface disposal site
		03-009(f)		Yes	Administratively Complete	Surface disposal
		03-009(g)		Yes	Administratively Complete	Soil fill area
		03-010(a)		Yes	In Progress	Vacuum repair shop (former location)- systematic release site
		03-011		Yes	Pending	Systematic product release
		03-013(g)		No	Administratively Complete	Operational release
		03-013(h)		No	Administratively Complete	Operational release
		03-014(a2)		No	In Progress	Wastewater treatment facility
		03-014(t)		Yes	In Progress	Wastewater treatment facility
		03-014(z)		No	In Progress	Wastewater treatment facility
		03-016(a)		No	Administratively Complete	Septic system
		03-018		Yes	Administratively Complete	Septic system
		03-019		Yes	Administratively Complete	Septic tank
		03-022		No	In Progress	Sump
		03-025(b)		Yes	In Progress	Sumps (two, inactive and active)
		03-025(c)		No	In Progress	Tank and/or associated equipment
		03-026(d)		Yes	In Progress	Tank and/or associated equipment
		03-033		Yes	In Progress	Sump
		03-038(e)		No	Administratively Complete	Waste lines
		03-038(f)		No	In Progress	Waste lines
		03-039(c)		No	Administratively Complete	Silver recovery unit
		03-040(a)		No	Administratively Complete	Storage area
		03-042		No	In Progress	Sump
		03-043(c)		Yes	In Progress	Tank and/or associated equipment
		03-043(i)		No	Administratively Complete	Aboveground tank
		03-044(b)		No	Administratively Complete	Container storage
		03-047(j)		No	Administratively Complete	Drum storage

PAJARITO WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Pajarito	Twomile Canyon	03-047(k)		No	Administratively Complete	Drum storage
		03-050(a)-00	03-050(a)	Yes	In Progress	Soil contamination
			03-050(d)	Yes	In Progress	Soil contamination
			03-050(f)	Yes	In Progress	Soil contamination
			03-050(g)	Yes	In Progress	Soil contamination
		03-050(e)		Yes	Administratively Complete	Filter unit (inactive)
		03-051(a)		No	Administratively Complete	Soil contamination (oil from leaking compressor)
		03-051(b)		No	Administratively Complete	Soil contamination (oil from leaking compressor)
		03-051(d)		No	Administratively Complete	Soil contamination (oil from leaking compressor)
		03-052(a)-00	03-052(a)	Yes	In Progress	Drainlines and outfalls
			03-052(e)	Yes	In Progress	Drainlines and outfalls
			03-052(b)	Yes	In Progress	Drainlines and outfalls
		03-054(a)-00	03-054(a)	Yes	In Progress	Drainlines and outfalls
			03-054(d)	Yes	In Progress	Drainlines and outfalls
		03-055(a)		Yes	In Progress	Outfall
		03-055(b)		No	Administratively Complete	Outfall
		03-056(f)		No	Administratively Complete	Drum storage
		03-056(g)		No	Administratively Complete	Satellite accumulation area
		03-056(j)		No	Administratively Complete	Storage area
		03-056(m)		Yes	Administratively Complete	Drum storage area (inactive)
		06-001(a)		Yes	In Progress	Septic system
		06-001(b)		Yes	In Progress	Septic system
		06-002-00	06-002	Yes	In Progress	Firing site - eastern aggregate
			06-003(c)	Yes	In Progress	Firing site - eastern aggregate
			C-06-005	No	In Progress	Firing site - eastern aggregate
			C-06-006	No	In Progress	Firing site - eastern aggregate
			C-06-016	No	In Progress	Firing site - eastern aggregate
			C-06-020	No	In Progress	Firing site - eastern aggregate
		06-003(a)-99	06-003(a)	Yes	In Progress	Former firing site
			06-008	No	In Progress	Former firing site
			C-06-019	No	In Progress	Former firing site
		06-003(b)		No	Administratively Complete	Firing site (inactive)
		06-003(d)		Yes	In Progress	Firing site (inactive)
		06-003(e)		Yes	In Progress	Firing site (inactive)
		06-003(f)		Yes	In Progress	Firing site (inactive)
		06-003(g)-00	06-003(g)	Yes	Administratively Complete	Firing site - western aggregate
			C-06-003	No	Administratively Complete	Firing site - western aggregate
			C-06-007	No	Administratively Complete	Firing site - western aggregate
			C-06-008	No	Administratively Complete	Firing site - western aggregate
			C-06-009	No	Administratively Complete	Firing site - western aggregate
C-06-010	No		Administratively Complete	Firing site - western aggregate		
C-06-011	No		Administratively Complete	Firing site - western aggregate		
C-06-012	No		Administratively Complete	Firing site - western aggregate		
C-06-013	No		Administratively Complete	Firing site - western aggregate		

PAJARITO WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Pajarito	Twomile Canyon	06-003(g)-00	C-06-014	No	Administratively Complete	Firing site - western aggregate
			C-06-015	No	Administratively Complete	Firing site - western aggregate
			C-06-017	No	Administratively Complete	Firing site - western aggregate
			C-06-018	No	Administratively Complete	Firing site - western aggregate
			C-06-021	No	Administratively Complete	Firing site - western aggregate
		06-003(h)		Yes	In Progress	Firing site (inactive)
		06-004		No	Administratively Complete	Sump
		06-006		Yes	In Progress	Storage area
		06-007(a)-99	06-005	Yes	In Progress	Material disposal area (MDA F)
			06-007(a)	Yes	In Progress	Material disposal area (MDA F)
			06-007(b)	Yes	In Progress	Material disposal area (MDA F)
			06-007(c)	Yes	In Progress	Material disposal area (MDA F)
			06-007(d)	Yes	In Progress	Material disposal area (MDA F)
			06-007(e)	Yes	In Progress	Material disposal area (MDA F)
		06-007(f)		Yes	In Progress	Surface disposal
		06-007(g)		Yes	In Progress	Building and surface disposal
		07-001(a)-99	07-001(a)	Yes	In Progress	Former firing sites
			07-001(b)	Yes	In Progress	Former firing sites
			07-001(c)	Yes	In Progress	Former firing sites
			07-001(d)	Yes	In Progress	Former firing sites
		07-003(c)		Yes	Administratively Complete	Typographical error
		07-003(d)		Yes	Administratively Complete	Typographical error
		22-003(a)		No	Administratively Complete	Satellite accumulation area
		22-003(b)		No	Administratively Complete	Satellite accumulation area
		22-003(c)		No	Administratively Complete	Satellite accumulation area
		22-003(d)		No	Administratively Complete	Satellite accumulation area
		22-003(e)		No	Administratively Complete	Satellite accumulation area
		22-003(f)		No	Administratively Complete	Satellite accumulation area
		22-003(g)		No	Administratively Complete	Satellite accumulation area
		22-010(a)		Yes	In Progress	Septic system
		22-013		No	Administratively Complete	Liquid waste treatment / storage
		22-014(a)		Yes	In Progress	Industrial or sanitary wastewater treatment
		22-014(b)		Yes	In Progress	Sump
		22-015(a)		Yes	In Progress	Drainlines and dry wells
		22-015(b)		Yes	In Progress	Sump and outfall
		40-001(a)		Yes	Administratively Complete	Septic system
		40-001(b)		Yes	In Progress	Septic system
		40-002(a)		No	Administratively Complete	Container storage area SAA located inside building TA-40-23
		40-005		Yes	In Progress	Sump
		40-007(e)		No	Administratively Complete	Storage area
		59-001		Yes	Administratively Complete	Decommissioned septic system
59-002		No	Administratively Complete	Container storage area		
59-003		No	Administratively Complete	Sump		
59-004		No	In Progress	Outfall		

PAJARITO WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VII OF THE HWF PERMIT	STATUS	DESCRIPTION
Pajarito	Twomile Canyon	64-001		No	Administratively Complete	Storage area
		69-001		Yes	In Progress	Incinerator and associated equipment
		69-002(a)		No	Administratively Complete	Septic system
		69-002(b)		No	Administratively Complete	Septic system
		C-03-003		No	Administratively Complete	One-time spill, stained asphalt
		C-03-008		No	Administratively Complete	Storage area / rad contaminated
		C-03-010		No	Administratively Complete	Outfall
		C-03-019		No	Administratively Complete	Underground storage tank
		C-03-021		No	Administratively Complete	Underground storage tank
		C-06-001		No	In Progress	Building
		C-50-001		No	In Progress	Transformer - PCB only site
C-59-001		No	Administratively Complete	PCB containing capacitors and transformer - PCB only site		

Appendix E

Water Watershed SWMUs and AOCs

WATER WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Water	Cañon de Valle	14-001(a)		No	Administratively Complete	Firing site (active)
		14-001(b)		No	Administratively Complete	Firing site (active)
		14-001(c)		No	Administratively Complete	Firing site (active)
		14-001(d)		No	Administratively Complete	Firing site (active)
		14-001(e)		No	Administratively Complete	Firing site (active)
		14-001(g)		No	Pending	Firing site - Open Burn/Open Detonation (active)
		14-002(a)-99	14-001(f)	No	In Progress	Former firing site
			14-002(a)	Yes	In Progress	Former firing site
			14-002(b)	Yes	In Progress	Former firing site
			14-002(f)	Yes	In Progress	Former firing site
			14-009	Yes	In Progress	Former firing site
			14-010	Yes	In Progress	Former firing site
			C-14-008	No	In Progress	Former firing site
		14-002(c)-99	14-002(c)	Yes	In Progress	Former firing site
			14-002(d)	Yes	In Progress	Former firing site
			14-002(e)	Yes	In Progress	Former firing site
		14-003		Yes	Pending	Open burning ground
		14-004(a)		No	Administratively Complete	Storage area (active)
		14-004(b)		Yes	Administratively Complete	Satellite accumulation area
		14-004(c)		No	Administratively Complete	Storage area
		14-005		Yes	In Progress	Incinerator (active)
		14-006		Yes	In Progress	Tank and/or associated equipment
		14-007		Yes	In Progress	Septic system
		14-008		No	Administratively Complete	Landfill and surface disposal
		15-004(g)-00	15-004(g)	Yes	In Progress	Firing site G (inactive)
			15-008(c)	Yes	In Progress	Firing site G (inactive)
		15-004(i)		Yes	In Progress	The Gulch firing site (inactive)
		15-005(a)		No	Administratively Complete	Storage area
		15-005(d)		No	Administratively Complete	Storage area
		15-007(b)		Yes	In Progress	Material disposal area (MDA Z) landfill
		15-008(d)		Yes	In Progress	Surface disposal
		15-008(e)		No	Administratively Complete	Surface disposal
		15-009(a)-00	15-009(a)	Yes	In Progress	Former structures - the Hollow
			15-011(a)	Yes	In Progress	Former structures - the Hollow
			15-011(b)	Yes	In Progress	Former structures - the Hollow
			15-011(c)	Yes	In Progress	Former structures - the Hollow
			15-014(i)	Yes	In Progress	Former structures - the Hollow
			15-014(j)	Yes	In Progress	Former structures - the Hollow
			15-014(k)	Yes	In Progress	Former structures - the Hollow
		15-009(f)-00	15-009(f)	Yes	In Progress	Firing site and septic systems
			15-009(k)	Yes	In Progress	Firing site and septic systems
		15-009(i)		Yes	In Progress	Septic tank
		15-012(a)		Yes	Administratively Complete	Surface disposal (not located) - doesn't exist
		15-014(a)-00	15-014(a)	Yes	In Progress	Outfalls
			15-014(b)	Yes	In Progress	Outfalls
15-014(g)		No	In Progress	Industrial or sanitary wastewater treatment		
16-001(a)-99	16-001(a)	Yes	In Progress	Former steam plant		

WATER WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION	
Water	Cañon de Valle	16-001(a)-99	16-001(b)	Yes	In Progress	Former steam plant	
			16-001(c)	Yes	In Progress	Former steam plant	
		16-003(h)-99	16-003(h)	Yes	In Progress	Inactive sump, drainline, and outfall	
			16-030(d)	No	In Progress	Inactive sump, drainline, and outfall	
		16-003(i)		Yes	In Progress	Sump 16-265	
		16-003(j)		Yes	In Progress	Sump 16-267	
		16-003(n)-99	16-003(n)	Yes	In Progress	HE sump	
			16-029(i)	Yes	In Progress	HE sump	
		16-003(o)		Yes	In Progress	Sump- fish ladder	
		16-005(b)		Yes	Administratively Complete	Septic system (removed)	
		16-005(f)		Yes	Administratively Complete	Decommissioned septic system	
		16-005(n)		Yes	In Progress	Septic system	
		16-006(a)		Yes	In Progress	Septic system	
		16-006(b)		Yes	Administratively Complete	Septic system	
		16-007(a)-99	16-007(a)	Yes	In Progress	Machining buildings and settling ponds	
			16-024(d)	No	In Progress	Machining buildings and settling ponds	
			16-024(e)	Yes	In Progress	Machining buildings and settling ponds	
			16-025(e)	Yes	In Progress	Machining buildings and settling ponds	
			16-025(f)	Yes	In Progress	Machining buildings and settling ponds	
			16-007(b)		No	Administratively Complete	Surface disposal site - doesn't exist
		16-008(a)-99	16-008(a)	Yes	In Progress	90s-Line: 16-89, 16-90, 16-91, 16-92, 16-93	
			16-017(a)-99	Yes	In Progress	90s-Line: 16-89, 16-90, 16-91, 16-92, 16-93	
			16-017(b)-99	Yes	In Progress	90s-Line: 16-89, 16-90, 16-91, 16-92, 16-93	
			16-017(c)-99	Yes	In Progress	90s-Line: 16-89, 16-90, 16-91, 16-92, 16-93	
			16-017(d)-99	Yes	In Progress	90s-Line: 16-89, 16-90, 16-91, 16-92, 16-93	
			16-017(e)-99	Yes	In Progress	90s-Line: 16-89, 16-90, 16-91, 16-92, 16-93	
			16-026(m)	Yes	In Progress	90s-Line: 16-89, 16-90, 16-91, 16-92, 16-93	
			16-026(n)	Yes	In Progress	90s-Line: 16-89, 16-90, 16-91, 16-92, 16-93	
			16-026(o)	Yes	In Progress	90s-Line: 16-89, 16-90, 16-91, 16-92, 16-93	
			16-026(p)	Yes	In Progress	90s-Line: 16-89, 16-90, 16-91, 16-92, 16-93	
			16-029(k)	Yes	In Progress	90s-Line: 16-89, 16-90, 16-91, 16-92, 16-93	
			16-029(l)	Yes	In Progress	90s-Line: 16-89, 16-90, 16-91, 16-92, 16-93	
			16-029(s)	Yes	In Progress	90s-Line: 16-89, 16-90, 16-91, 16-92, 16-93	
			16-029(t)	Yes	In Progress	90s-Line: 16-89, 16-90, 16-91, 16-92, 16-93	
			16-029(u)	Yes	In Progress	90s-Line: 16-89, 16-90, 16-91, 16-92, 16-93	
			C-16-067	No	In Progress	90s-Line: 16-89, 16-90, 16-91, 16-92, 16-93	
			16-008(b)		No	Administratively Complete	Surface impoundment at the TA-16 burning grounds
			16-009(a)		Yes	In Progress	Burn site
			16-010(b)		Yes	In Progress	Flash pad; RCRA unit (undergoing closure)
		16-010(c)		Yes	In Progress	Burn site 16-388 - RCRA Unit (active)	
		16-010(d)		Yes	In Progress	Burn site 16-399 - RCRA unit (active)	
		16-010(e)		Yes	In Progress	HE filter vessel; RCRA unit (active)	
		16-010(f)		Yes	In Progress	HE filter vessel; RCRA unit (active)	
		16-010(g)		Yes	Administratively Complete	Wastewater treatment facility	
		16-010(h)-99	16-005(g)	Yes	In Progress	Former burning ground structures	
			16-010(h)	Yes	In Progress	Former burning ground structures	
			16-010(i)	Yes	In Progress	Former burning ground structures	

WATER WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Water	Cañon de Valle	16-010(h)-99	16-010(j)	Yes	In Progress	Former burning ground structures
			16-010(k)	Yes	In Progress	Former burning ground structures
			16-010(l)	Yes	In Progress	Former burning ground structures
			16-010(m)	Yes	In Progress	Former burning ground structures
			16-010(n)	Yes	In Progress	Former burning ground structures
		16-012(a)		Yes	Administratively Complete	Container storage, rest house
		16-012(a2)		No	Administratively Complete	Container storage
		16-012(b)		Yes	Administratively Complete	Container storage - rest house
		16-012(c)		Yes	Administratively Complete	Container storage - rest house
		16-012(d)		Yes	Administratively Complete	Satellite accumulation area
		16-012(e)		Yes	Administratively Complete	Container storage - rest house
		16-012(f)		Yes	Administratively Complete	Container storage - rest house
		16-012(g)		Yes	Administratively Complete	Container storage - rest house
		16-012(h)		Yes	Administratively Complete	Container storage - rest house
		16-012(n)		Yes	Administratively Complete	Satellite accumulation area
		16-012(o)		Yes	Administratively Complete	Container storage - rest house
		16-012(p)		Yes	Administratively Complete	Less-than-ninety-day storage
		16-012(q)		Yes	Administratively Complete	Container storage - rest house
		16-012(r)		Yes	Administratively Complete	Container storage - rest house
		16-012(z)		Yes	Administratively Complete	Container storage - rest house
		16-016(b)		Yes	In Progress	Landfill
		16-016(c)-99	16-006(e)	Yes	In Progress	Burning ground
			16-010(a)	Yes	In Progress	Burning ground
			16-016(c)	Yes	In Progress	Burning ground
		16-016(d)		Yes	In Progress	Surface disposal site
		16-017(g)-99		Yes	In Progress	Former HE structure
		16-017(i)-99	C-16-025	Yes	In Progress	Storage building
			C-16-026	Yes	In Progress	Storage building
		16-018		Yes	In Progress	Material disposal area (MDA P); RCRA unit (currently undergoing RCRA closure)
		16-019		Yes	In Progress	Material disposal area (MDA R)
		16-020		Yes	In Progress	Silver recovery unit
		16-021(c)-99	16-003(k)	Yes	In Progress	16-260 Sumps, drainlines, and outfall
			16-021(c)	Yes	In Progress	16-260 Sumps, drainlines, and outfall
		16-023(a)		No	Administratively Complete	Incinerator - doesn't exist
		16-024(b)		No	In Progress	Magazine
		16-024(c)		No	Administratively Complete	Magazine
		16-024(f)		No	Administratively Complete	Magazine
		16-024(g)		No	Administratively Complete	Magazine
		16-024(h)		No	In Progress	Magazine
		16-024(v)		No	In Progress	Magazine
		16-025(a)		Yes	In Progress	Abandoned radiography building, 16-39
		16-025(b)		Yes	In Progress	Abandoned radiography building, 16-40
		16-025(c)		Yes	Administratively Complete	Abandoned utility building and appurtenances
		16-025(e2)		Yes	Pending	Abandoned building, 16-106
		16-025(f2)		Yes	Pending	Abandoned building, 16-107
		16-026(g)		Yes	In Progress	Outfall

WATER WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION			
Water	Cañon de Valle	16-026(g2)		Yes	Pending	Outfall from 16-285			
		16-026(h)		Yes	Pending	Outfall from 16-281			
		16-026(i)		Yes	In Progress	Outfall			
		16-026(i2)		Yes	Administratively Complete	Outfall			
		16-026(j)		Yes	In Progress	Outfall, 16-226			
		16-026(j2)		Yes	In Progress	Outfall			
		16-026(k)		Yes	Pending	Outfall and associated drainline			
		16-026(l)-00	16-026(l)	Yes	In Progress	Drainlines and outfall			
			16-028(c)	Yes	In Progress	Drainlines and outfall			
		16-026(r)		Yes	In Progress	Outfall, 16-180			
		16-027(a)		No	Administratively Complete	Transformer - PCB only site			
		16-027(b)		No	Administratively Complete	Transformer - PCB only site			
		16-028(a)		Yes	In Progress	South drainage channel			
		16-029(f)		Yes	In Progress	Sump from building 16-345			
		16-029(h2)-99		16-025(d)	Yes	In Progress	HE machining line buildings and associated structures		
				16-025(g)	Yes	In Progress	HE machining line buildings and associated structures		
				16-025(h)	Yes	In Progress	HE machining line buildings and associated structures		
				16-025(i)	Yes	In Progress	HE machining line buildings and associated structures		
				16-025(j)	Yes	In Progress	HE machining line buildings and associated structures		
				16-029(h2)	Yes	In Progress	HE machining line buildings and associated structures		
				16-029(m)	Yes	In Progress	HE machining line buildings and associated structures		
				16-029(n)	Yes	In Progress	HE machining line buildings and associated structures		
				16-029(o)	Yes	In Progress	HE machining line buildings and associated structures		
				16-029(p)	Yes	In Progress	HE machining line buildings and associated structures		
				16-029(j)-99		16-026(k2)	Yes	In Progress	16-260 Bay 25 outfalls
						16-029(j)	Yes	In Progress	16-260 Bay 25 outfalls
		16-029(q)-99		16-017(f)-99	Yes	In Progress	HE machining building and associated structures		
				16-029(q)	Yes	In Progress	HE machining building and associated structures		
				C-16-064	No	In Progress	HE machining building and associated structures		
		16-030(a)		Yes	In Progress	Outfall from 16-344, chemical storage building			
		16-030(b)		Yes	Pending	Outfall and associated drainline			
		16-030(c)		Yes	Pending	16-222 outfall			
		16-030(e)		Yes	Pending	Outfall and associated drainline			
		16-030(f)		Yes	Pending	Outfall and associated drainline			
		16-031(b)		Yes	In Progress	Industrial or sanitary wastewater treatment, 16-262			
		16-033(e)		No	In Progress	Underground tank			
		16-033(f)		No	Administratively Complete	Underground tank			
		16-033(g)		No	Administratively Complete	Underground tank			
		16-033(h)		No	Administratively Complete	Underground tank			
		16-034(b)-99		16-005(j)	Yes	In Progress	Former structures, T-Site		
				16-005(m)	Yes	In Progress	Former structures, T-Site		
				16-025(m)	Yes	In Progress	Former structures, T-Site		
				16-025(n)	Yes	In Progress	Former structures, T-Site		
				16-025(o)	Yes	In Progress	Former structures, T-Site		
				16-034(b)	Yes	In Progress	Former structures, T-Site		
				16-034(c)	Yes	In Progress	Former structures, T-Site		
		16-034(d)	Yes	In Progress	Former structures, T-Site				

WATER WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Water	Cañon de Valle	16-034(b)-99	16-034(e)	Yes	In Progress	Former structures, T-Site
			16-034(f)	Yes	In Progress	Former structures, T-Site
		16-034(h)		Yes	In Progress	Soil contamination area, 16-137
		16-034(i)		Yes	In Progress	Soil contamination area
		16-034(j)		Yes	In Progress	Soil contamination area
		16-034(k)		Yes	In Progress	Soil contamination area
		16-037		No	Administratively Complete	Aboveground tank - doesn't exist
		C-14-001		No	In Progress	Building
		C-14-002		No	Administratively Complete	Building
		C-14-003		No	In Progress	Building
		C-14-004		No	In Progress	Building
		C-14-005		No	In Progress	Building
		C-14-007		No	In Progress	Building
		C-14-009		No	In Progress	Building
		C-15-001		No	In Progress	Surface disposal
		C-15-002		No	Administratively Complete	Surface disposal
		C-15-007		No	In Progress	Non-intentional release
		C-15-008		No	Administratively Complete	Non-intentional release
		C-15-010		No	In Progress	Former underground tank
		C-16-001		No	Administratively Complete	Building
		C-16-002		No	In Progress	Building 16-262
		C-16-003		No	Administratively Complete	Septic system - see 16-005(n)
		C-16-008		No	Administratively Complete	Building
		C-16-009		No	Administratively Complete	Building
		C-16-010		No	Administratively Complete	Building
		C-16-011		No	In Progress	Building TA-16-132
		C-16-012		No	Administratively Complete	Building
		C-16-013		No	Administratively Complete	Storage area
		C-16-014		No	Administratively Complete	Building
		C-16-015		No	Administratively Complete	Building
		C-16-016		No	Administratively Complete	Building
		C-16-017		No	Administratively Complete	Building
		C-16-018		No	Administratively Complete	Aboveground tank
		C-16-023		No	Administratively Complete	Warehouse
		C-16-036		No	Administratively Complete	Septic system
		C-16-038		No	Administratively Complete	Storage area
		C-16-041		No	Administratively Complete	Building
		C-16-042		No	Administratively Complete	Steam manhole
		C-16-043		No	Administratively Complete	Steam manhole
		C-16-044		No	Administratively Complete	Manhole
		C-16-051		No	Administratively Complete	Transport area
		C-16-052		No	Administratively Complete	Steam manhole
		C-16-053		No	Administratively Complete	Water manhole
		C-16-054		No	Administratively Complete	Steam manhole
		C-16-055		No	Administratively Complete	Switch box
		C-16-061		No	Administratively Complete	Building
		C-16-066		No	Administratively Complete	Storage area

WATER WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION	
Water	Cafon de Valle	C-16-070		No	Administratively Complete	Underground tank	
		C-16-072		No	Administratively Complete	Tank - doesn't exist	
		C-16-075		No	In Progress	Spill location near Building 16-340	
	Lower Water/Indio Canyons	15-001		No	In Progress	Surface disposal	
		15-004(h)		No	In Progress	Firing site H (inactive)	
		15-009(g)		Yes	In Progress	Septic tank (active)	
		15-010(c)		Yes	Pending	Drainline	
		15-013(a)		No	Administratively Complete	Underground tank	
		15-014(d)		No	Administratively Complete	Industrial or sanitary wastewater treatment	
		15-014(e)		No	Administratively Complete	Industrial or sanitary wastewater treatment	
		15-014(l)		Yes	Pending	NPDES-permitted outfall (active)	
		49-004		Yes	In Progress	Burn site and landfill (Area 6)	
		49-007(a)		No	Administratively Complete	Septic system (Area 6)	
		C-15-011		No	In Progress	Former underground tank	
		Potrillo/Fence Canyons	15-002-00	15-002	Yes	In Progress	Firing site - R40
				15-007(a)	Yes	In Progress	Firing site - R40
			15-003-00	15-003	Yes	Pending	Phermex firing site
	15-006(a)			Yes	Pending	Phermex firing site	
	15-004(b)-99		15-004(b)	Yes	Pending	Firing sites A and B (inactive)	
			15-004(c)	Yes	Pending	Firing sites A and B (inactive)	
	15-004(f)-99		15-004(f)	Yes	In Progress	Firing site E-F (inactive)	
			15-008(a)	Yes	In Progress	Firing site E-F (inactive)	
	15-005(b)			No	In Progress	Container storage area	
	15-006(e)			No	Administratively Complete	I-J Site at TA-36 - not in TA-15 part of 36-004(e) duplicate of C-36-006(e)	
	15-008(f)			No	In Progress	I-J Firing Site mounds at TA-36 (active)	
	15-009(e)			Yes	In Progress	Septic system, E/F Site	
	15-009(j)			Yes	Administratively Complete	Septic tank	
	15-010(a)			Yes	In Progress	Septic system	
	15-012(b)			Yes	Administratively Complete	Surface disposal site	
	15-013(b)			No	Administratively Complete	Underground tank	
	15-014(c)			No	Administratively Complete	Industrial or sanitary wastewater treatment	
	36-001			Yes	In Progress	Material disposal area (MDA AA)	
	36-003(b)			Yes	In Progress	Septic system, I-J Site	
	36-003(c)			Yes	Administratively Complete	Septic system	
	36-004(b)			No	Pending	Firing site (active)	
	36-004(c)			No	Pending	Firing site - open detonation (active)	
	36-004(d)			Yes	In Progress	Firing site (Lower Slobbovia, skunk works, burn pit) (active)	
	36-004(e)		No	Pending	I-J Firing Site (active)		
	36-004(f)		No	Administratively Complete	Firing site (active)		
	36-005		Yes	In Progress	Surface disposal site		
	36-006-99	36-004(a)	No	In Progress	Former firing site		
		36-006	Yes	In Progress	Former firing site		
	36-007(a)		No	Administratively Complete	Storage area		
	36-007(b)		No	Administratively Complete	Storage area		
	36-007(c)		No	Administratively Complete	Storage area		
	36-007(d)		No	Administratively Complete	Storage area		
	36-007(e)		No	Administratively Complete	Storage area		

WATER WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION	
Water	Potrillo/Fence Canyons	36-007(f)		No	Administratively Complete	Storage area	
		C-15-004		No	In Progress	Transformers - PCB only site	
		C-15-005		No	In Progress	Former laboratory and building	
		C-15-006		No	In Progress	Building	
		C-15-012		No	Administratively Complete	Underground tank (active)	
		C-15-013		No	Administratively Complete	Underground tank	
		C-36-001		No	Administratively Complete	Containment vessel	
		C-36-002		No	Administratively Complete	Surface disposal	
		C-36-006(e)		No	In Progress	I-J Firing Site, projectile test area [duplicate of SWMU 15-006(e)] (active)	
	S-Site	11-001(b)			Yes	Pending	Firing site (inactive)
		11-003(a)			No	Administratively Complete	Mortar impact area
		11-003(b)			No	Pending	Air gun
		11-004(a)-99	11-004(a)		Yes	Pending	Drop test tower and related structures
			11-004(b)		Yes	Pending	Drop test tower and related structures
			11-004(c)		Yes	Pending	Drop test tower and related structures
			11-004(d)		Yes	Pending	Drop test tower and related structures
			11-004(e)		Yes	Pending	Drop test tower and related structures
			11-004(f)		No	Pending	Drop test tower and related structures
		11-005(a)			Yes	In Progress	Septic system
		11-005(b)			Yes	In Progress	Septic system
		11-005(c)			Yes	In Progress	Outfall (inactive)
		11-006(a)-99	11-001(a)		Yes	In Progress	Former firing site
			11-002		Yes	In Progress	Former firing site
			11-006(a)		Yes	In Progress	Former firing site
			11-006(b)		Yes	In Progress	Former firing site
			11-006(c)		Yes	In Progress	Former firing site
			11-006(d)		Yes	In Progress	Former firing site
			C-11-001		No	In Progress	Former firing site
		11-007			Yes	Administratively Complete	Surface disposal
		11-008			No	Administratively Complete	Surface disposal
		11-009			Yes	In Progress	Material disposal area (MDA S)
		11-010(a)			No	Administratively Complete	Container storage area
		11-010(b)			No	Administratively Complete	Container storage
		11-011(a)-00	11-011(a)		Yes	In Progress	Outfalls
			11-011(b)		Yes	In Progress	Outfalls
		11-011(c)			Yes	Administratively Complete	Boiler discharge
		11-011(d)			Yes	In Progress	Industrial or sanitary wastewater treatment
		11-012(c)			No	In Progress	Building
		11-012(d)			No	In Progress	Building
		13-001-99	13-001		Yes	In Progress	Firing site, landfill, and soil contamination
			13-002		Yes	In Progress	Firing site, landfill, and soil contamination
			16-035		Yes	In Progress	Firing site, landfill, and soil contamination
			16-036		Yes	In Progress	Firing site, landfill, and soil contamination
13-003(a)-99	13-003(a)		Yes	In Progress	TA-13 septic system (inactive)		
	13-003(b)		No	In Progress	TA-13 septic system (inactive)		
13-004			Yes	In Progress	Disposal pit - existence not determined		
16-003(d)-99	16-001(e)		Yes	In Progress	Sumps and associated dry well		

WATER WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Water	S-Site	16-003(d)-99	16-003(d)	Yes	In Progress	Sumps and associated dry well
			16-003(e)	Yes	In Progress	Sumps and associated dry well
			16-003(f)	Yes	In Progress	Sumps and associated dry well
			16-003(g)	Yes	In Progress	Sumps and associated dry well
		16-004(a)-99	16-004(a)	Yes	In Progress	Wastewater treatment plant
			16-004(b)	Yes	In Progress	Wastewater treatment plant
			16-004(c)	Yes	In Progress	Wastewater treatment plant
			16-004(d)	Yes	In Progress	Wastewater treatment plant
			16-004(e)	Yes	In Progress	Wastewater treatment plant
			16-004(f)	Yes	In Progress	Wastewater treatment plant
		16-005(i)		Yes	Administratively Complete	Septic tank
		16-012(i)		Yes	Administratively Complete	Satellite accumulation area
		16-012(j)		Yes	Administratively Complete	Satellite accumulation area
		16-012(k)		Yes	Administratively Complete	Container storage - rest house
		16-012(l)		Yes	Administratively Complete	Satellite accumulation area
		16-012(m)		Yes	Administratively Complete	Satellite accumulation area
		16-013-99	16-006(h)	Yes	In Progress	V-Site courtyard
			16-013	Yes	In Progress	V-Site courtyard
			16-017(q)-99	Yes	In Progress	V-Site courtyard
			16-017(r)-99	Yes	In Progress	V-Site courtyard
			16-017(s)-99	Yes	In Progress	V-Site courtyard
			16-017(t)-99	Yes	In Progress	V-Site courtyard
			16-017(u)-99	Yes	In Progress	V-Site courtyard
			16-029(g2)	Yes	In Progress	V-Site courtyard
			C-16-068	No	In Progress	V-Site courtyard
			C-16-074	No	In Progress	V-Site courtyard
			16-017(p)-99		Yes	In Progress
		16-017(w)-99		Yes	In Progress	Former structure - storage magazine
		16-024(a)		No	In Progress	Magazine
		16-024(m)		No	In Progress	Magazine
		16-024(n)		No	In Progress	Magazine
		16-024(u)		No	In Progress	Magazine
		16-025(d2)		Yes	In Progress	Abandoned building, 16-480
		16-026(b)-99	16-026(b)	Yes	In Progress	300s-Line (west side) sumps and outfalls
			16-026(c)	Yes	In Progress	300s-Line (west side) sumps and outfalls
			16-026(d)	Yes	In Progress	300s-Line (west side) sumps and outfalls
			16-026(e)	Yes	In Progress	300s-Line (west side) sumps and outfalls
			16-029(a)	Yes	In Progress	300s-Line (west side) sumps and outfalls
			16-029(b)	Yes	In Progress	300s-Line (west side) sumps and outfalls
			16-029(c)	Yes	In Progress	300s-Line (west side) sumps and outfalls
			16-029(d)	Yes	In Progress	300s-Line (west side) sumps and outfalls
			16-026(f)		Yes	Pending
		16-026(z)		Yes	In Progress	Outfall
		16-029(h)-99	16-003(p)	No	In Progress	Sump, drainlines, and outfall
			16-029(h)	Yes	In Progress	Sump, drainlines, and outfall
		16-029(x)-99	16-006(g)	Yes	In Progress	V-Site: Buildings 16-100, 16-515 and associated structures
			16-017(v)-99	Yes	In Progress	V-Site: Buildings 16-100, 16-515 and associated structures

WATER WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Water	S-Site	16-029(x)-99	16-025(x)	Yes	In Progress	V-Site: Buildings 16-100, 16-515 and associated structures
			16-029(w)	Yes	In Progress	V-Site: Buildings 16-100, 16-515 and associated structures
			16-029(x)	Yes	In Progress	V-Site: Buildings 16-100, 16-515 and associated structures
			16-031(c)	Yes	In Progress	V-Site: Buildings 16-100, 16-515 and associated structures
		16-031(h)		Yes	In Progress	Industrial or sanitary wastewater treatment at P-Site
		16-034(g)		Yes	Administratively Complete	Soil contamination
		16-034(m)		Yes	In Progress	Soil contamination area
		16-034(n)		Yes	In Progress	Soil contamination area
		25-001		No	Administratively Complete	Pit
		C-11-002		No	In Progress	Laboratory
		C-11-003		No	Administratively Complete	One-time release site - never located
		C-16-007		No	Administratively Complete	Tank stand
		C-16-049		No	Administratively Complete	Building
		C-16-050		No	Administratively Complete	Building
		C-16-056		No	Administratively Complete	Steam manhole
		C-16-057		No	Administratively Complete	Steam manhole
		C-16-059		No	Administratively Complete	Electrical pit
		C-16-060		No	In Progress	Soil contamination area
		C-16-062		No	Administratively Complete	Generation area
		C-16-063		No	Administratively Complete	Generation area
	C-25-001		No	Administratively Complete	Building	
	Upper Water Canyon	11-001(c)		Yes	In Progress	Firing site (inactive)
		11-012(a)		No	Administratively Complete	Building
		11-012(b)		No	In Progress	Building
		16-001(d)		Yes	In Progress	Dry well
		16-003(a)		Yes	In Progress	Sump
		16-003(b)		Yes	In Progress	Sump
		16-003(c)-99	16-003(c)	Yes	In Progress	Sump, associated drainline, and outfall
			16-026(v)	Yes	In Progress	Sump, associated drainline, and outfall
		16-003(l)-99	16-003(l)	Yes	In Progress	Sumps, drainlines, and outfalls (inactive)
			16-030(h)	Yes	In Progress	Sumps, drainlines, and outfalls (inactive)
		16-003(m)-99	16-003(m)	Yes	In Progress	Sump, outfall, and septic system
			16-006(d)	Yes	In Progress	Sump, outfall, and septic system
			16-030(g)	No	In Progress	Sump, outfall, and septic system
		16-003(g)		No	Administratively Complete	Sump
		16-005(a)		Yes	In Progress	Septic tank
		16-005(h)		Yes	In Progress	Septic tank
		16-005(k)		Yes	In Progress	Septic tank
		16-005(l)		Yes	In Progress	Grease trap
		16-005(o)		Yes	Administratively Complete	Septic system
		16-006(c)-00	16-006(c)	Yes	In Progress	Septic system
			16-026(a)	Yes	In Progress	Septic system
16-006(f)			Yes	Administratively Complete	Septic system	
16-006(i)		Yes	Administratively Complete	Septic tank		
16-012(e)		Yes	Administratively Complete	Container storage - rest house		
16-012(l)		Yes	Administratively Complete	Satellite accumulation area		
16-012(u)		Yes	Administratively Complete	Satellite accumulation area		

WATER WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Water	Upper Water Canyon	16-012(v)		Yes	Administratively Complete	Container storage - rest house
		16-012(w)		Yes	Administratively Complete	Container storage - rest house
		16-012(x)		Yes	Administratively Complete	Satellite accumulation area
		16-012(y)		Yes	Administratively Complete	Container storage - rest house
		16-015(a)		Yes	In Progress	Men's locker room and laundry facility
		16-015(b)		Yes	In Progress	Steam-washing facility
		16-016(a)		Yes	In Progress	Landfill - buried metal site
		16-016(e)		Yes	In Progress	Surface disposal site
		16-016(f)		No	In Progress	Landfill
		16-016(g)		Yes	In Progress	Surface disposal site
		16-017		Yes	Consolidated	Former HE machining building, 16-92
		16-017(j)-99		Yes	In Progress	Former structure - storage magazine
		16-017(k)-99		Yes	In Progress	Former structure - storage magazine
		16-017(l)-99		Yes	In Progress	Former structure - storage magazine
		16-017(m)-99		Yes	In Progress	Former structure - storage magazine
		16-017(n)-99		Yes	In Progress	Former structure - storage magazine
		16-017(o)-99		Yes	In Progress	Former structure - storage magazine
		16-021(b)		No	Administratively Complete	Systematic leak
		16-022(a)		No	Administratively Complete	Underground tank
		16-022(b)		No	In Progress	Underground tank
		16-024(i)		No	In Progress	Magazine
		16-024(j)		No	In Progress	Magazine
		16-024(k)		No	In Progress	Magazine
		16-024(l)		No	In Progress	Magazine
		16-024(o)		No	In Progress	Magazine
		16-024(p)		No	Administratively Complete	Magazine
		16-024(q)		No	In Progress	Magazine
		16-024(r)		No	Administratively Complete	Magazine
		16-024(s)		No	In Progress	Magazine
		16-024(t)		No	In Progress	HE magazine
		16-025(c2)		Yes	In Progress	Abandoned building, 16-56
		16-025(g2)		Yes	Administratively Complete	Magazine
		16-025(h2)		Yes	Pending	Abandoned building, 16-109
		16-025(w)		Yes	In Progress	Abandoned building, 16-81
		16-025(y)-99	16-025(y)	Yes	In Progress	Former building
			16-029(a2)	Yes	In Progress	Former building
		16-026(a2)		Yes	Pending	Outfall from 16-200
		16-026(b2)-00	16-026(b2)	Yes	In Progress	Outfalls
			16-028(d)	Yes	In Progress	Outfalls
		16-026(c2)		Yes	In Progress	Outfall, 16-462
		16-026(d2)		Yes	Pending	Outfall from 16-435
		16-026(e2)		Yes	Pending	Outfall from 16-415
		16-026(f2)		Yes	Pending	Outfall and associated drainline
		16-026(q)-99	16-005(d)	Yes	In Progress	20s-Line and associated structures
			16-017(h)-99	Yes	In Progress	20s-Line and associated structures
			16-017(x)-99	Yes	In Progress	20s-Line and associated structures
			16-025(k)	Yes	In Progress	20s-Line and associated structures

WATER WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Water	Upper Water Canyon	16-026(q)-99	16-025(l)	Yes	In Progress	20s-Line and associated structures
			16-026(q)	Yes	In Progress	20s-Line and associated structures
			16-029(f2)	Yes	In Progress	20s-Line and associated structures
			16-029(r)	Yes	In Progress	20s-Line and associated structures
			16-031(d)	Yes	In Progress	20s-Line and associated structures
			16-032(c)	Yes	In Progress	20s-Line and associated structures
			16-034(a)	Yes	In Progress	20s-Line and associated structures
			C-16-006	No	In Progress	20s-Line and associated structures
			C-16-065	No	In Progress	20s-Line and associated structures
			16-026(s)	Yes	In Progress	Outfall, 16-5
			16-026(t)	Yes	Pending	Outfall and associated drainline
			16-026(u)	Yes	In Progress	Outfall, 16-195
			16-026(x)	Yes	Pending	Outfall and associated drainline
			16-026(y)	Yes	In Progress	Outfall
		16-027(c)	No	Administratively Complete	Transformer - PCB only site	
		16-027(d)	No	Administratively Complete	Transformer - PCB only site	
		16-028(b)	Yes	In Progress	Industrial or sanitary wastewater treatment, 16-370	
		16-029(b2)-99	16-029(b2)	Yes	In Progress	Former structures (GMX-2 HE processing building)
			C-16-005	No	In Progress	Former structures (GMX-2 HE processing building)
		16-029(c2)-99	16-005(e)	Yes	In Progress	Former structures
			16-015(c)	No	In Progress	Former structures
			16-025(z)	Yes	In Progress	Former structures
			16-029(c2)	Yes	In Progress	Former structures
		16-029(e)-99	16-026(h2)	Yes	In Progress	Sump and outfall, 16-360
			16-029(e)	Yes	In Progress	Sump and outfall, 16-360
		16-029(g)-99	16-021(a)	Yes	In Progress	Sump and outfall, 16-450
			16-028(e)	Yes	In Progress	Sump and outfall, 16-450
			16-029(g)	Yes	In Progress	Sump and outfall, 16-450
		16-029(v)-99	16-015(d)	No	In Progress	Building footprints, drainlines, and sumps
			16-025(a2)	Yes	In Progress	Building footprints, drainlines, and sumps
			16-025(b2)	Yes	In Progress	Building footprints, drainlines, and sumps
			16-029(d2)	Yes	In Progress	Building footprints, drainlines, and sumps
			16-029(e2)	Yes	In Progress	Building footprints, drainlines, and sumps
			16-029(v)	Yes	In Progress	Building footprints, drainlines, and sumps
			16-034(o)	Yes	In Progress	Building footprints, drainlines, and sumps
		16-029(y)-99	16-025(t)	Yes	In Progress	Experimental casting building, associated drainlines and sumps
			16-029(y)	Yes	In Progress	Experimental casting building, associated drainlines and sumps
		16-029(z)-99	16-005(c)	Yes	In Progress	Former structures, 40s-Line
			16-011	No	In Progress	Former structures, 40s-Line
			16-023(b)	No	In Progress	Former structures, 40s-Line
			16-025(p)	Yes	In Progress	Former structures, 40s-Line
			16-025(q)	Yes	In Progress	Former structures, 40s-Line
			16-025(r)	Yes	In Progress	Former structures, 40s-Line
			16-025(s)	Yes	In Progress	Former structures, 40s-Line
			16-025(u)	Yes	In Progress	Former structures, 40s-Line
			16-025(v)	Yes	In Progress	Former structures, 40s-Line
			16-026(w)	Yes	In Progress	Former structures, 40s-Line

WATER WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Water	Upper Water Canyon	16-029(z)-99	16-029(z)	Yes	In Progress	Former structures, 40s-Line
			16-032(a)	Yes	In Progress	Former structures, 40s-Line
			16-034(l)	Yes	In Progress	Former structures, 40s-Line
			16-034(p)	Yes	In Progress	Former structures, 40s-Line
		16-031(a)		Yes	In Progress	Industrial or sanitary wastewater treatment, 16-372
		16-031(e)		Yes	In Progress	Outfall, industrial or sanitary wastewater treatment
		16-031(f)		Yes	In Progress	Outfall, industrial or sanitary wastewater treatment
		16-031(g)		Yes	Administratively Complete	Cooling tower outfall
		16-032(b)		No	Administratively Complete	Decommissioned HE sump
		16-032(d)		Yes	Administratively Complete	Decommissioned HE sump
		16-032(e)		Yes	Administratively Complete	Decommissioned HE sump
		16-033(a)		No	In Progress	Underground tank
		16-033(b)		No	In Progress	Underground tank
		16-033(c)		No	Administratively Complete	Underground tank
		16-033(d)		No	Administratively Complete	Tank and/or associated equipment
		16-033(i)		No	Administratively Complete	Underground tank
		16-033(j)		No	Administratively Complete	Underground tank
		16-033(k)		No	In Progress	Underground storage tank <100 gallons
		37-001		No	Administratively Complete	Septic system
		C-16-004		No	Administratively Complete	Building
		C-16-019		No	Administratively Complete	Building
		C-16-020		No	Administratively Complete	Building
		C-16-021		No	Administratively Complete	Building
		C-16-022		No	Administratively Complete	Building
		C-16-024		No	Administratively Complete	Building
		C-16-027		No	Administratively Complete	Building
		C-16-028		No	In Progress	Former structure
		C-16-029		No	Administratively Complete	Building
		C-16-030		No	In Progress	Former structure
		C-16-031		No	In Progress	Building
		C-16-032		No	Administratively Complete	Building
		C-16-033		No	Administratively Complete	Warehouse
		C-16-034		No	Administratively Complete	Aboveground tank
		C-16-035		No	Administratively Complete	Aboveground tank
		C-16-037		No	Administratively Complete	Storage area
		C-16-039		No	Administratively Complete	Building
		C-16-040		No	Administratively Complete	Building
		C-16-045		No	Administratively Complete	Manhole
		C-16-046		No	Administratively Complete	Manhole
		C-16-047		No	Administratively Complete	Transport area
		C-16-048		No	Administratively Complete	Steam manhole
		C-16-058		No	Administratively Complete	Transport area
		C-16-069		No	In Progress	Media contamination area
		C-16-071		No	Administratively Complete	One-time spill
		C-16-073		No	In Progress	Underground tank

Appendix F

Ancho Watershed SWMUs and AOCs

ANCHO WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION	
Ancho	North Ancho Canyon	39-001(a)		Yes	In Progress	Landfill	
		39-001(b)-00	39-001(b)	Yes	In Progress	Material disposal area (MDA Y)	
			39-008	Yes	In Progress	Material disposal area (MDA Y)	
		39-002(a)		Yes	In Progress	Storage area	
		39-002(b)		No	In Progress	Storage area	
		39-002(c)		No	In Progress	Storage area	
		39-002(d)		No	Administratively Complete	Storage area	
		39-002(e)		No	Administratively Complete	Storage area	
		39-002(f)		No	Administratively Complete	Storage area	
		39-002(g)		No	Administratively Complete	Storage area (active)	
		39-003		Yes	Administratively Complete	Incinerator	
		39-004(a)		Yes	Pending	Firing site	
		39-004(b)		Yes	Pending	Firing site	
		39-004(c)		Yes	Pending	Firing site 39-6 (open detonation) - RCRA Unit (active)	
		39-004(d)		Yes	Pending	Firing site 39-57 (open detonation) - RCRA Unit (active)	
		39-004(e)		Yes	Pending	Firing site (active)	
		39-005		Yes	In Progress	Seepage pit	
		39-006(a)		Yes	In Progress	Septic system	
		39-006(b)		Yes	Administratively Complete	Septic system	
		39-007(a)		Yes	In Progress	Storage area	
		39-007(b)		No	Administratively Complete	Storage area	
		39-007(c)		No	Administratively Complete	Storage area	
		39-007(d)		No	Administratively Complete	Storage area	
		39-007(e)		No	Administratively Complete	Storage area	
		39-009		No	Administratively Complete	Outfall	
		39-010		No	In Progress	Excavated soil dump	
		49-001(a)-00	49-001(a)	49-001(a)	Yes	In Progress	Material disposal area (MDA AB)
				49-001(b)	Yes	In Progress	Material disposal area (MDA AB)
				49-001(c)	Yes	In Progress	Material disposal area (MDA AB)
				49-001(d)	Yes	In Progress	Material disposal area (MDA AB)
				49-001(e)	Yes	In Progress	Material disposal area (MDA AB)
				49-001(f)	Yes	In Progress	Material disposal area (MDA AB)
				49-001(g)	Yes	In Progress	Material disposal area (MDA AB)
		49-002		No	In Progress	Operational facility (Area 10 underground chamber)	
		49-003		Yes	In Progress	Leach field (Area 11 rad/chem and small shot area)	
		49-005(a)		Yes	In Progress	Landfill (east of Area 10)	
		49-005(b)		No	Administratively Complete	Landfill (Area 5)	
		49-006		Yes	In Progress	Sump (Area 5)	
		49-007(b)		No	Administratively Complete	Septic system (HDT area)	
		49-008(a)		No	In Progress	Soil contamination (Area 5)	
		49-008(b)		No	Administratively Complete	Soil contamination (Area 6)	
		49-008(c)		No	In Progress	Soil contamination (Area 11)	

ANCHO WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION	
Ancho	North Ancho Canyon	49-008(d)		No	In Progress	Firing sites (Bottle House area) soil contamination and underground chamber (inactive)	
		49-009		No	Administratively Complete	Above ground tank (former location)	
	South Ancho Canyon	33-003(a)-99	33-003(a)	33-003(a)	Yes	In Progress	Material disposal area (MDA D)
				33-003(b)	Yes	In Progress	Material disposal area (MDA D)
		33-004(c)		Yes	In Progress	Septic system	
		33-004(k)		Yes	In Progress	Outfall	
		33-004(l)		No	Administratively Complete	Outfall	
		33-006(b)-00	33-006(b)	Yes	In Progress	Firing site - East Site	
			33-007(a)	Yes	In Progress	Firing site - East Site	
			33-008(b)	Yes	In Progress	Firing site - East Site	
			33-010(a)	Yes	In Progress	Firing site - East Site	
		33-010(b)		Yes	In Progress	Surface disposal	
		33-010(d)		Yes	In Progress	Surface disposal	
		C-33-002		No	In Progress	Transformer	

Appendix G

Chaquehui Watershed SWMUs and AOCs

CHAQUEHUI WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Chaquehui	Chaquehui Canyon	33-001(a)-99	33-001(a)	Yes	In Progress	Material disposal area (MDA E)
			33-001(b)	Yes	In Progress	Material disposal area (MDA E)
			33-001(c)	Yes	In Progress	Material disposal area (MDA E)
			33-001(d)	Yes	In Progress	Material disposal area (MDA E)
			33-001(e)	Yes	In Progress	Material disposal area (MDA E)
		33-002(a)-99	33-002(a)	Yes	In Progress	Material disposal area (MDA K)
			33-002(b)	Yes	In Progress	Material disposal area (MDA K)
			33-002(c)	Yes	In Progress	Material disposal area (MDA K)
			33-002(d)	Yes	In Progress	Material disposal area (MDA K)
			33-002(e)	Yes	In Progress	Material disposal area (MDA K)
			33-010(f)	Yes	In Progress	Material disposal area (MDA K)
		33-004(a)-00	33-004(a)	Yes	In Progress	Main Site
			33-004(h)	Yes	In Progress	Main Site
			33-004(i)	Yes	In Progress	Main Site
			33-011(d)	Yes	In Progress	Main Site
			33-015	Yes	In Progress	Main Site
			33-017	Yes	In Progress	Main Site
		33-004(b)		Yes	In Progress	Septic system
		33-004(d)		Yes	In Progress	Septic system
		33-004(e)		Yes	Administratively Complete	Seepage pit
		33-004(f)		Yes	Administratively Complete	Septic system
		33-004(g)-00	33-004(g)	Yes	In Progress	Firing site - Area 6
			33-007(c)	Yes	In Progress	Firing site - Area 6
		33-004(j)-00	33-004(j)	Yes	In Progress	Firing site - South Site
			33-006(a)	Yes	In Progress	Firing site - South Site
			33-007(b)	Yes	In Progress	Firing site - South Site
			33-008(a)	Yes	In Progress	Firing site - South Site
			33-010(c)	Yes	In Progress	Firing site - South Site
			33-010(h)	Yes	In Progress	Firing site - South Site
			33-011(c)	Yes	In Progress	Firing site - South Site
			33-014	Yes	In Progress	Firing site - South Site
		33-004(m)		Yes	In Progress	Septic system
		33-004(n)		No	Administratively Complete	Septic system
		33-005(a)-00	33-005(a)	Yes	In Progress	Former structures - Main Site
			33-005(b)	Yes	In Progress	Former structures - Main Site
			33-005(c)	Yes	In Progress	Former structures - Main Site
			33-011(a)	Yes	In Progress	Former structures - Main Site
		33-008(c)		No	In Progress	Landfill
		33-009		Yes	In Progress	Surface disposal - PCB only site
		33-010(e)		No	Administratively Complete	Surface disposal (Area 6)
33-010(g)		Yes	In Progress	Surface disposal		
33-011(b)		No	In Progress	Storage area		
33-011(e)		Yes	In Progress	Drum storage		
33-012(a)		Yes	In Progress	Drum storage - PCB only site		

CHAQUEHUI WATERSHED

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Chaquehui	Chaquehui Canyon	33-012(b)		No	Administratively Complete	Satellite accumulation area
		33-012(c)		No	Administratively Complete	Satellite accumulation area
		33-012(d)		No	Administratively Complete	Satellite accumulation area
		33-013		Yes	In Progress	Storage area
		33-016		Yes	In Progress	Sump
		C-33-001		No	In Progress	Transformer
		C-33-003		No	In Progress	Soil contamination area

Appendix H

Frijoles Watershed SWMUs and AOCs

WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Frijoles	Frijoles Canyon	C-00-036(a)		No	Administratively Complete	Borrow pit 1, Bandelier NM
		C-00-036(b)		No	Administratively Complete	Borrow pit 2, Bandelier NM
		C-00-036(c)		No	Administratively Complete	Borrow pit 3, Bandelier NM
		C-00-036(d)		No	Administratively Complete	Borrow pit 4, Bandelier NM
		C-00-037		No	In Progress	Landfill, Bandelier NM
		C-00-038		No	In Progress	Surface disposal, Bandelier NM

Appendix I

Lake Fork Watershed SWMUs and AOCs

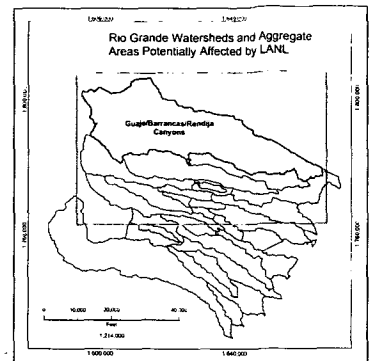
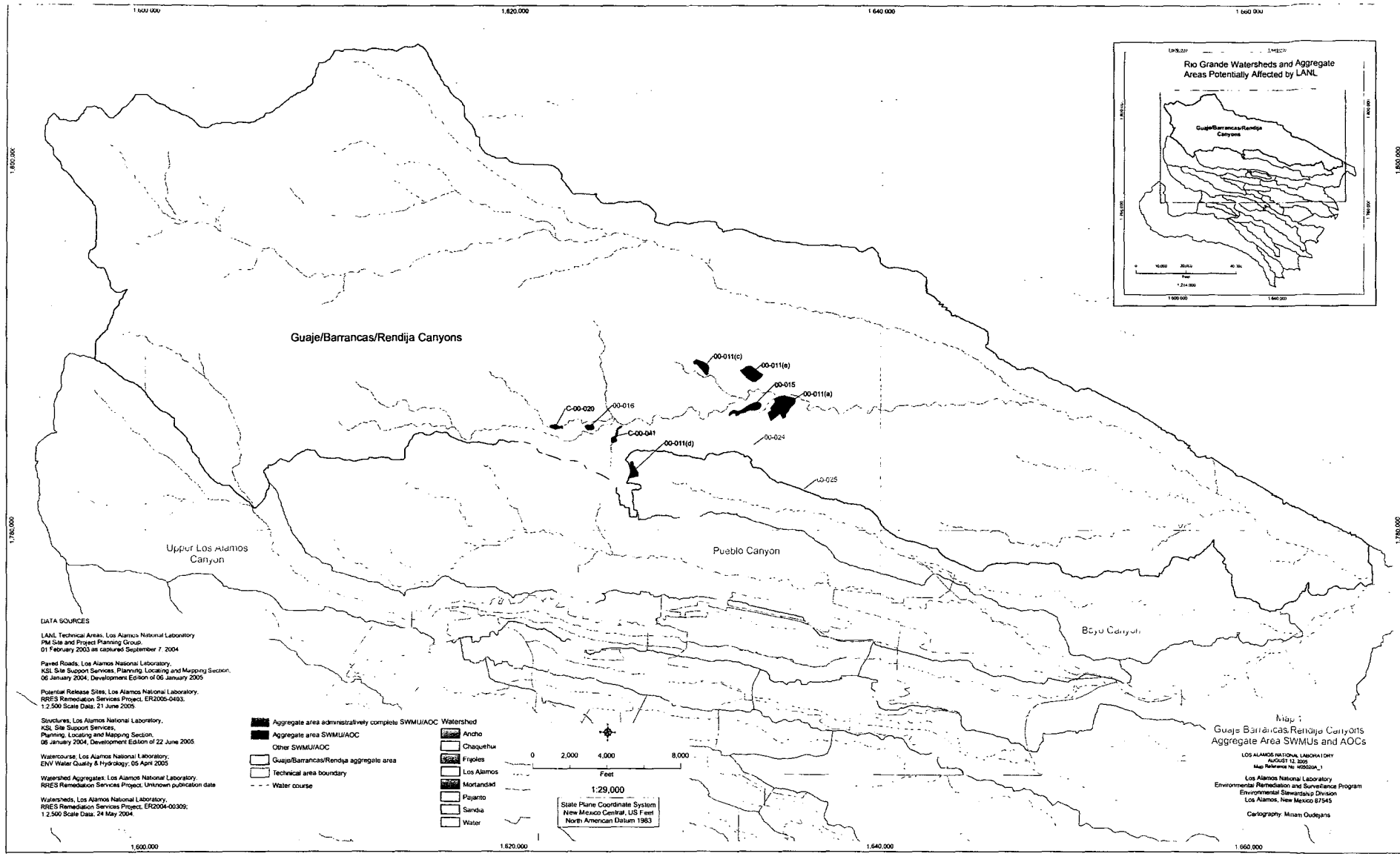
WATERSHED	AGGREGATE AREA	SWMU/AOC	SUBUNIT	MODULE VIII OF THE HWF PERMIT	STATUS	DESCRIPTION
Lake Fork	TA-57 (Fenton Hill)	57-001(a)		No	Administratively Complete	Drilling mud pits
		57-001(b)		No	In Progress	Settling ponds
		57-001(c)		No	In Progress	Settling pond
		57-002		No	In Progress	Sludge pit
		57-003		No	Administratively Complete	Container storage facility
		57-004(a)		No	In Progress	Settling ponds
		57-004(b)		No	In Progress	Settling pond
		57-005		No	Administratively Complete	Pond filtration unit
		57-006		No	In Progress	Drum and contents, Fenton Hill (removed)
		57-007		No	In Progress	Leach field

Maps

Note:

The aggregate area of interest (i.e., the one named in the title block) is shown in yellow on each map. The SWMUs and AOCs associated with that aggregate area are either shown in magenta with black annotation or blue with blue annotation. The blue coloring and annotation denote SWMUs and AOCs which are administratively complete. SWMUs and AOCs which are not associated with the aggregate area of interest are shown in gray for reference and orientation.

The spatial boundaries of some individual SWMUs and AOCs are so small that they are not readily visible at the map's scale. In those instances, the exact location of the SWMU or AOC is the point indicated by the end of the leader line which extends from the SWMU or AOCs label. The color of the annotation for those SWMUs and AOCs indicates whether or not the SWMUs and AOCs are administratively complete or not.



DATA SOURCES

LANL Technical Areas, Los Alamos National Laboratory
 PM Site and Project Planning Group.
 01 February 2003 as captured September 7, 2004

Paved Roads, Los Alamos National Laboratory,
 KSI, Site Support Services, Planning, Locating and Mapping Section.
 06 January 2004, Development Epsilon of 06 January 2005

Potential Release Sites, Los Alamos National Laboratory,
 RRES Remedation Services Project, ER2005-0403,
 1:2,500 Scale Data, 21 June 2005

Structures, Los Alamos National Laboratory,
 KSI, Site Support Services,
 Planning, Locating and Mapping Section.
 08 January 2004, Development Epsilon of 22 June 2005

Watercourse, Los Alamos National Laboratory,
 GW, Water Quality & Hydrology, 05 April 2005

Watershed Aggregates, Los Alamos National Laboratory,
 RRES Remedation Services Project, Unknown publication date

Watersheds, Los Alamos National Laboratory,
 RRES Remedation Services Project, ER2004-00309,
 1:2,500 Scale Data, 24 May 2004

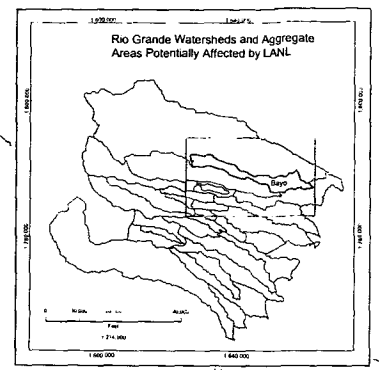
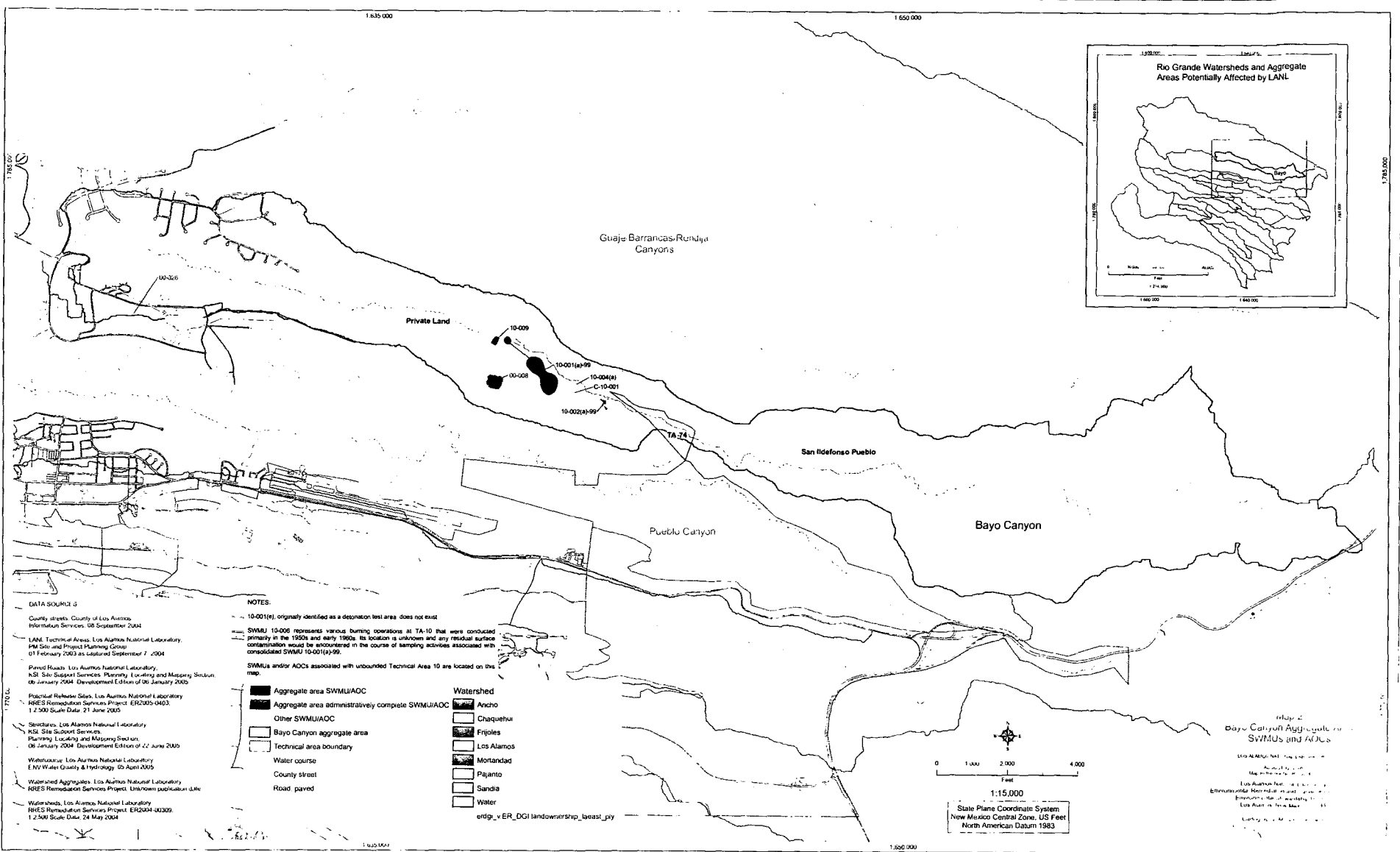
- | | |
|---|------------|
| Aggregate area administratively complete SWMU/AOC Watershed | Ancho |
| Aggregate area SWMU/AOC | Chaquehue |
| Other SWMU/AOC | Frijoles |
| Guaje/Barrancas/Rendija aggregate area | Los Alamos |
| Technical area boundary | Mortandad |
| Water course | Pajarito |
| | Sandia |
| | Water |

Map 1
 Guaje/Barrancas/Rendija Canyons
 Aggregate Area SWMUs and AOCs

LOS ALAMOS NATIONAL LABORATORY
 AUGUST 12, 2005
 Map Reference No. 4055006_1

Los Alamos National Laboratory
 Environmental Remediation and Surveillance Program
 Environmental Stewardship Division
 Los Alamos, New Mexico 87545

Cartography: Meagan Oudejans



DATA SOURCE S

County streets, County of Los Alamos, Information Services, 08 September 2004

LANL Technical Areas, Los Alamos National Laboratory, PM Site and Project Planning Group, 01 February 2003 as captured September 7, 2004

Paved Roads, Los Alamos National Laboratory, NSI Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 06 January 2005

Practical Release Sites, Los Alamos National Laboratory, HRES Remediation Services Project, ER2005-0403, 12,500 Scale Date: 21 June 2005

Sanctuary, Los Alamos National Laboratory, NSI Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 02 June 2005

Watersheds, Los Alamos National Laboratory, ENO Water Quality & Hydrology, 09 April 2005

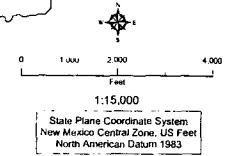
Watershed Aggregates, Los Alamos National Laboratory, HRES Remediation Services Project, Unknown publication date

Watersheds, Los Alamos National Laboratory, HRES Remediation Services Project, ER2004-00309, 1:2,500 Scale Date: 24 May 2004

- NOTES
- - - 10-001(e), originally identified as a deposition test area, does not exist
 - - - SWMU 10-006 represents various burning operations at TA-10 that were conducted primarily in the 1950s and early 1960s; its location is unknown and any residual surface contamination would be encountered in the course of sampling activities associated with consolidated SWMU 10-001(a)-99.
 - - - SWMUs and/or AOCs associated with unbounded Technical Area 10 are located on this map.
- | | |
|--|---|
| | Aggregate area SWMU/AOC |
| | Aggregate area administratively complete SWMU/AOC |
| | Other SWMU/AOC |
| | Bayo Canyon aggregate area |
| | Technical area boundary |
| | Water course |
| | County street |
| | Road paved |

- Watershed
- | | |
|--|------------|
| | Ancho |
| | Chaquethui |
| | Frijoles |
| | Los Alamos |
| | Mortandad |
| | Pajanto |
| | Sandia |
| | Water |

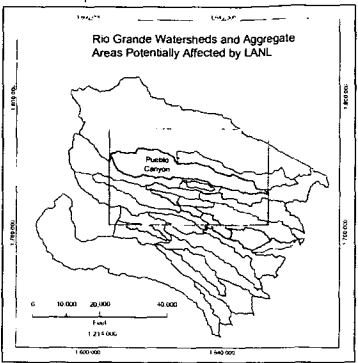
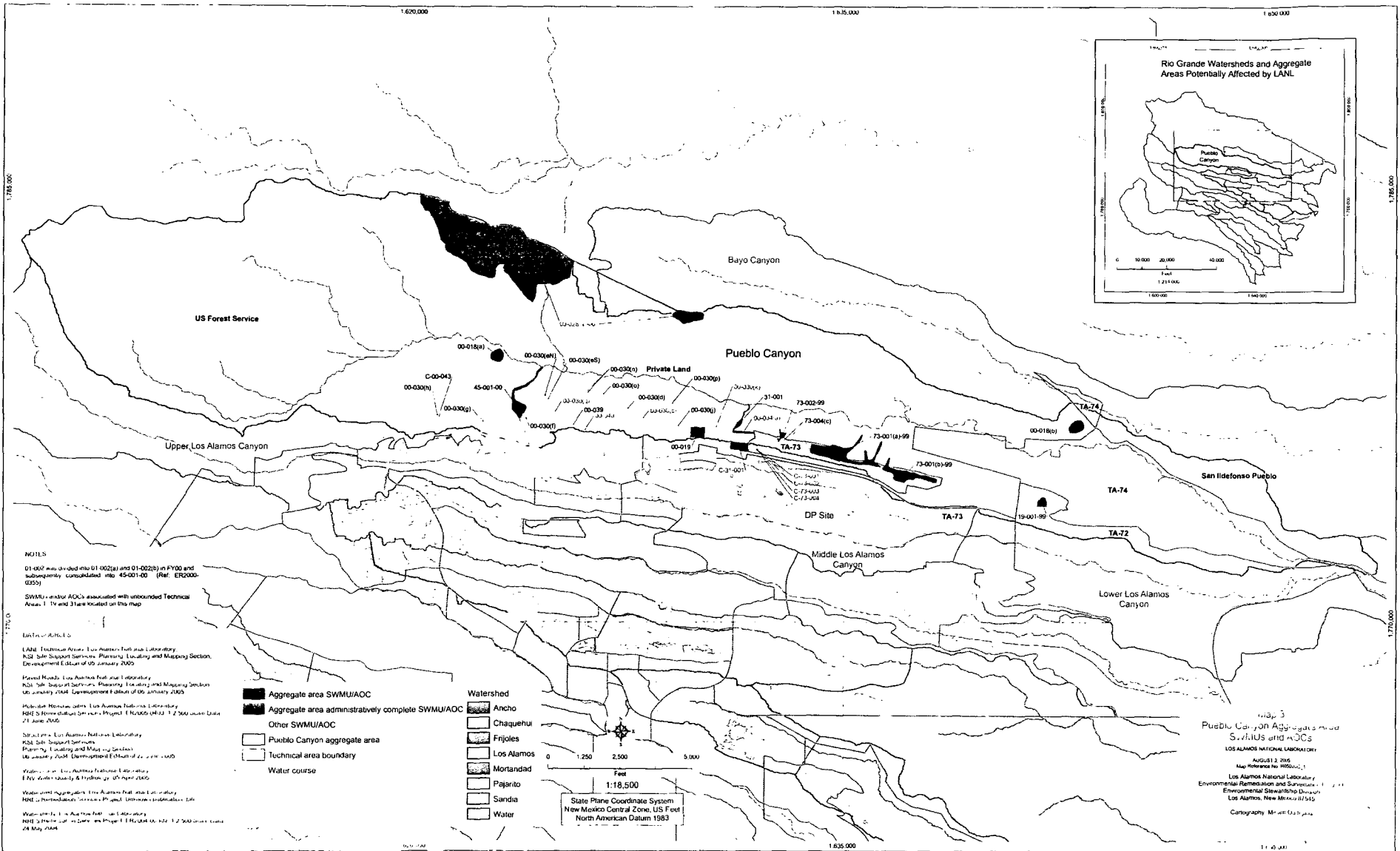
edg_v_ER_DGI_landownership_lbast_pxy



May 2, 2005

Bayo Canyon Aggregate Areas SWMUs and AOCs

Los Alamos National Laboratory
 Environmental Remediation Services Project
 Planning, Locating and Mapping Section
 Los Alamos, New Mexico
 24 May 2005



NOTES

01-007 was divided into 01-002(a) and 01-002(b) on FY00 and subsequently consolidated into 45-001-00 (Ref: EDC000-0355)

SWMUs and/or ADCs associated with unbounded Technical Areas 1, 2, and 3 are located on this map

DATE: 08/13/2015

LANL Institutional Areas: Environmental Health and Laboratory
 NSL Site Support Services: Planning, Locating and Mapping Section
 Environmental Education of 05 January 2005

Private Lands: Los Alamos National Laboratory
 NSL Site Support Services: Planning, Locating and Mapping Section
 On January 2004. Department of Defense of 06 January 2005

Middle Los Alamos Canyon: Los Alamos National Laboratory
 NRE Site Support Services: Planning, Locating and Mapping Section
 On January 2004. Department of Defense of 06 January 2005

Upper Los Alamos Canyon: Los Alamos National Laboratory
 NRE Site Support Services: Planning, Locating and Mapping Section
 On January 2004. Department of Defense of 06 January 2005

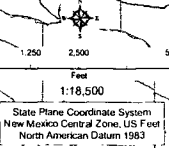
Lower Los Alamos Canyon: Los Alamos National Laboratory
 NRE Site Support Services: Planning, Locating and Mapping Section
 On January 2004. Department of Defense of 06 January 2005

San Ildefonso Pueblo: Los Alamos National Laboratory
 NRE Site Support Services: Planning, Locating and Mapping Section
 On January 2004. Department of Defense of 06 January 2005

Water course: Los Alamos National Laboratory
 NRE Site Support Services: Planning, Locating and Mapping Section
 On January 2004. Department of Defense of 06 January 2005

- Aggregate area SWMU/AOC
- Aggregate area administratively complete SWMU/AOC
- Other SWMU/AOC
- Pueblo Canyon aggregate area
- Technical area boundary
- Water course

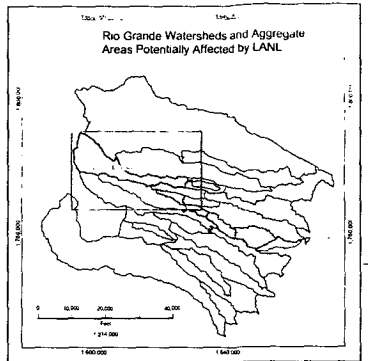
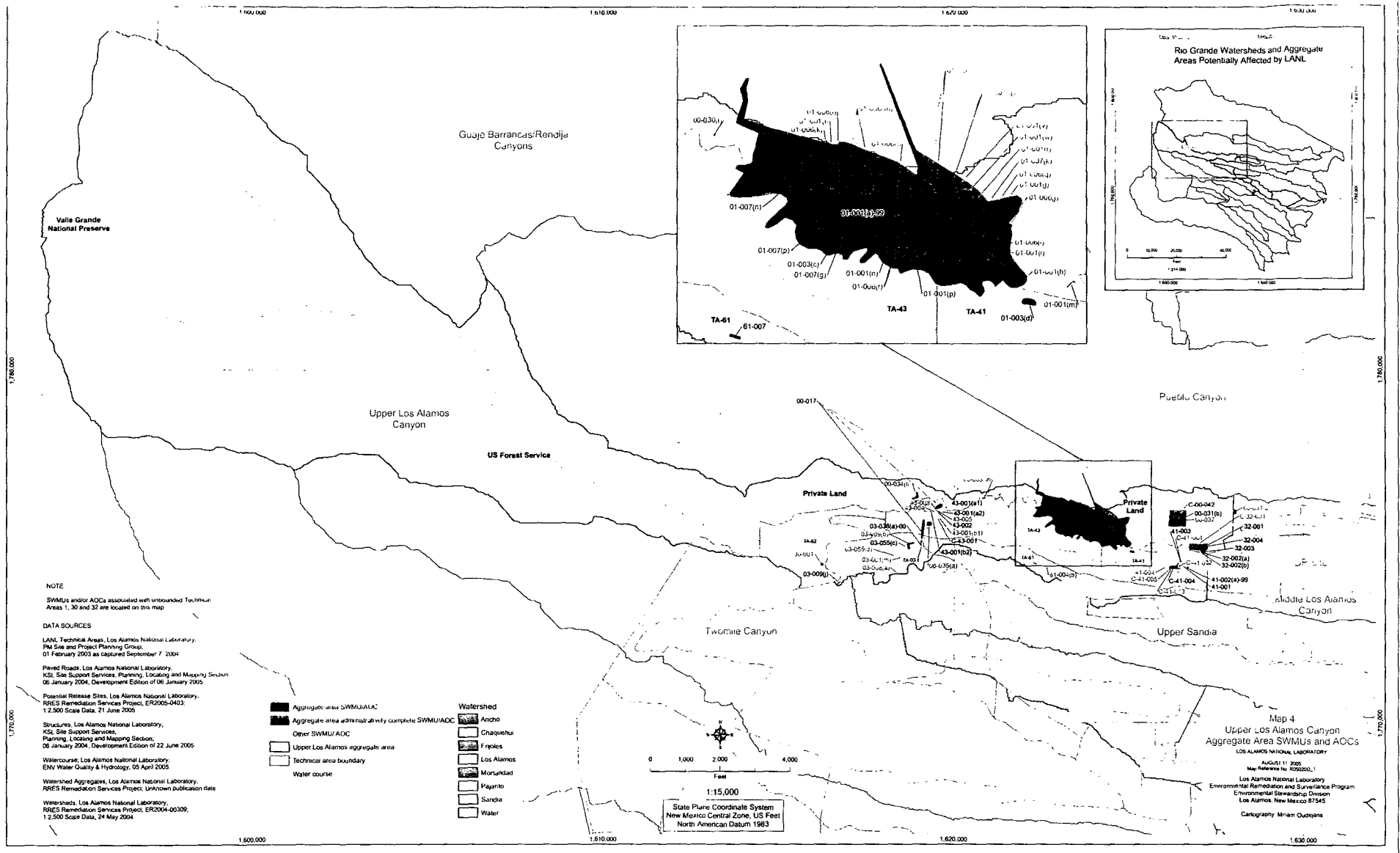
- Watershed
- Ancho
 - Chaquehue
 - Frijoles
 - Los Alamos
 - Mortandad
 - Pajarito
 - Sandia
 - Water



Map 3

Pueblo Canyon Aggregate Areas
 SWMUs and ADCs

LOS ALAMOS NATIONAL LABORATORY
 August 13, 2015
 Map Reference No. W6020003
 Los Alamos National Laboratory
 Environmental Remediation and Surveillance
 Environmental Stewardship Division
 Los Alamos, New Mexico 87545
 Cartography: M. Hill, E. Hill



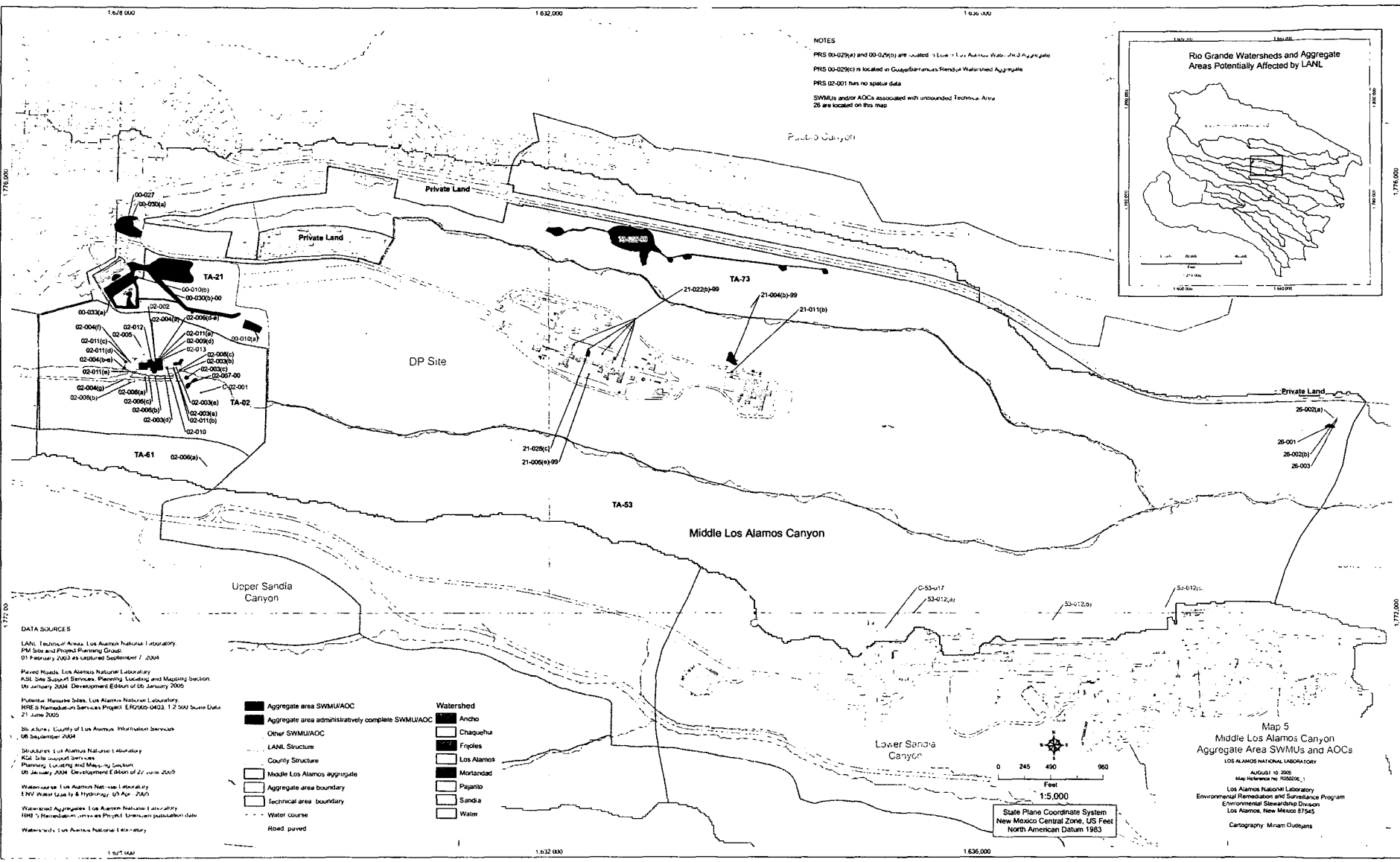
NOTE
 SWMUs and/or AOCs associated with unbounded Technical Areas 1, 30 and 32 are located on this map.

DATA SOURCES
 LANL Technical Areas, Los Alamos National Laboratory, PM Site and Project Planning Group, 01 February 2003 as captured September 7, 2004
 Paved Roads, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 06 January 2005
 Potential Release Sites, Los Alamos National Laboratory, RRFS Remediation Services Project, ER2005-0403, 1:2,500 Scale Data, 21 June 2005
 Structures, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 22 June 2005
 Watercourse, Los Alamos National Laboratory, ENV Water Quality & Hydrology, 05 April 2005
 Watershed Aggregates, Los Alamos National Laboratory, RRFS Remediation Services Project, Unknown publication date
 Watersheds, Los Alamos National Laboratory, RRFS Remediation Services Project, ER2004-00309, 1:2,500 Scale Data, 24 May 2004

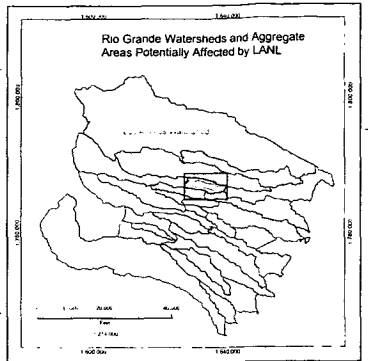
Aggregate area SWMU/AOC
 Aggregate area administratively complete SWMU/AOC
 Other SWMU/AOC
 Upper Los Alamos aggregate area
 Technical area boundary
 Water course

Watershed
 Ancho
 Chaquahuila
 Frijoles
 Los Alamos
 Mortandad
 Pajarito
 Sandia
 Water

Map 4
 Upper Los Alamos Canyon
 Aggregate Area SWMUs and AOCs
 LOS ALAMOS NATIONAL LABORATORY
 AUGUST 11, 2005
 Map Reference No. 5020502.1
 Los Alamos National Laboratory
 Environmental Remediation and Surveillance Program
 Environmental Stewardship Division
 Los Alamos, New Mexico 87545
 Cartography: Miriam Oudryans



NOTES
 PRS 00-029(a) and 00-029(b) are located in Lower Los Alamos Watershed Aggregate
 PRS 00-029(c) is located in Gueppa-Barajas-Rendy Watershed Aggregate
 PRS 02-001 has no spatial data
 SWMUs and/or AOCs associated with unbounded Technical Area
 25 are located on this map



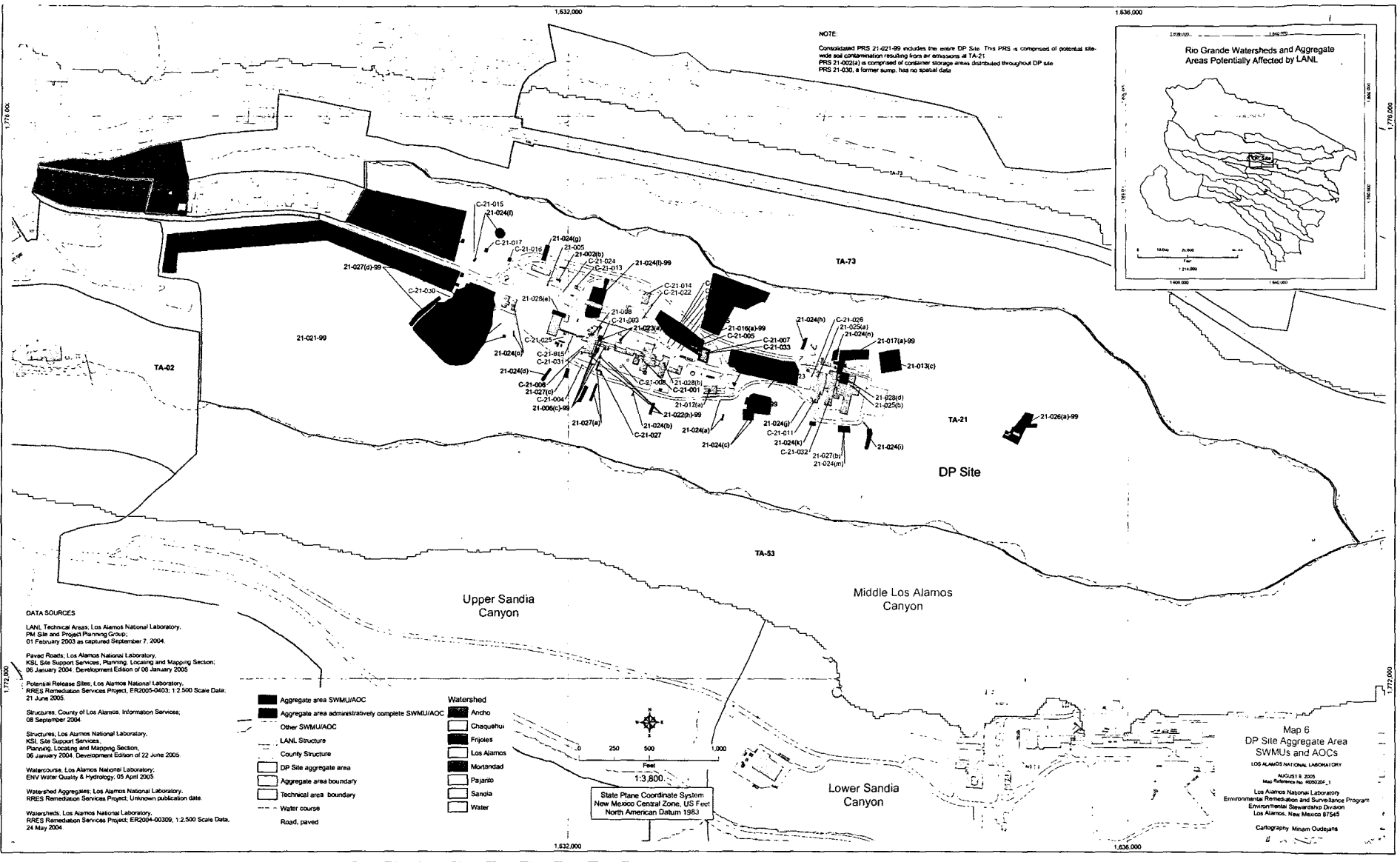
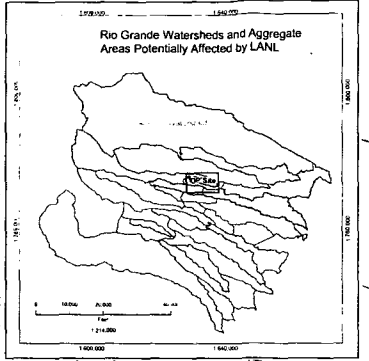
DATA SOURCES
 LANL Technical Area, Los Alamos National Laboratory
 PM Site and Project Planning Group
 01 February 2003 via updated Supplement 7 2004
 Range Maps, Los Alamos National Laboratory
 K-12 Site Support Services, Planning, Locating and Mapping Section
 04 January 2004 Development Edition of 06 January 2005
 Potential Release Sites, Los Alamos National Laboratory
 RREIS Remediation Services Project, ER/2000-0403, 1:2.5 Scale Data
 21 June 2005
 Structures, County of Los Alamos, Information Services
 08 September 2004
 Structures, Los Alamos National Laboratory
 K-12 Site Support Services
 Planning, Locating and Mapping Section
 04 January 2004 Development Edition of 27 June 2005
 Watersheds, Los Alamos National Laboratory
 LNV Water Use by Hydrology, 03 April 2005
 Watershed Aggregates, Los Alamos National Laboratory
 040173 Remediation Services Project, Unpublished publication date
 Watersheds, Los Alamos National Laboratory

- | | |
|--|---|
| <ul style="list-style-type: none"> ■ Aggregate area SWMUAOC ■ Aggregate area administratively complete SWMUAOC □ Other SWMUAOC □ LANL Structure □ County Structure □ Middle Los Alamos aggregate □ Aggregate area boundary □ Technical area boundary - - - Water course — Road paved | <ul style="list-style-type: none"> ■ Watershed ■ Ancho ■ Chaquehue ■ Frijoles ■ Los Alamos ■ Morlandad ■ Pajarito ■ Sandia ■ Water |
|--|---|

Scale: 1:5,000
 State Plane Coordinate System
 New Mexico Central Zone, US Feet
 North American Datum 1983

Map 5
 Middle Los Alamos Canyon
 Aggregate Area SWMUs and AOCs
 LOS ALAMOS NATIONAL LABORATORY
 AUGUST 10, 2005
 Map Reference No. 050502-1
 Los Alamos National Laboratory
 Environmental Remediation and Surveillance Program
 Environmental Stewardship Division
 Los Alamos, New Mexico 87545
 Cartography: Miriam Oudjans

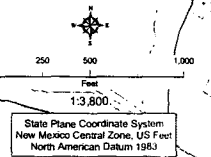
NOTE
 Consolidated PRS 21-021-99 includes the entire DP Site. This PRS is comprised of potential site-wide soil contamination resulting from air emissions at TA-21.
 PRS 21-002(a) is comprised of container storage areas distributed throughout DP site.
 PRS 21-030, a former sump, has no spatial data.



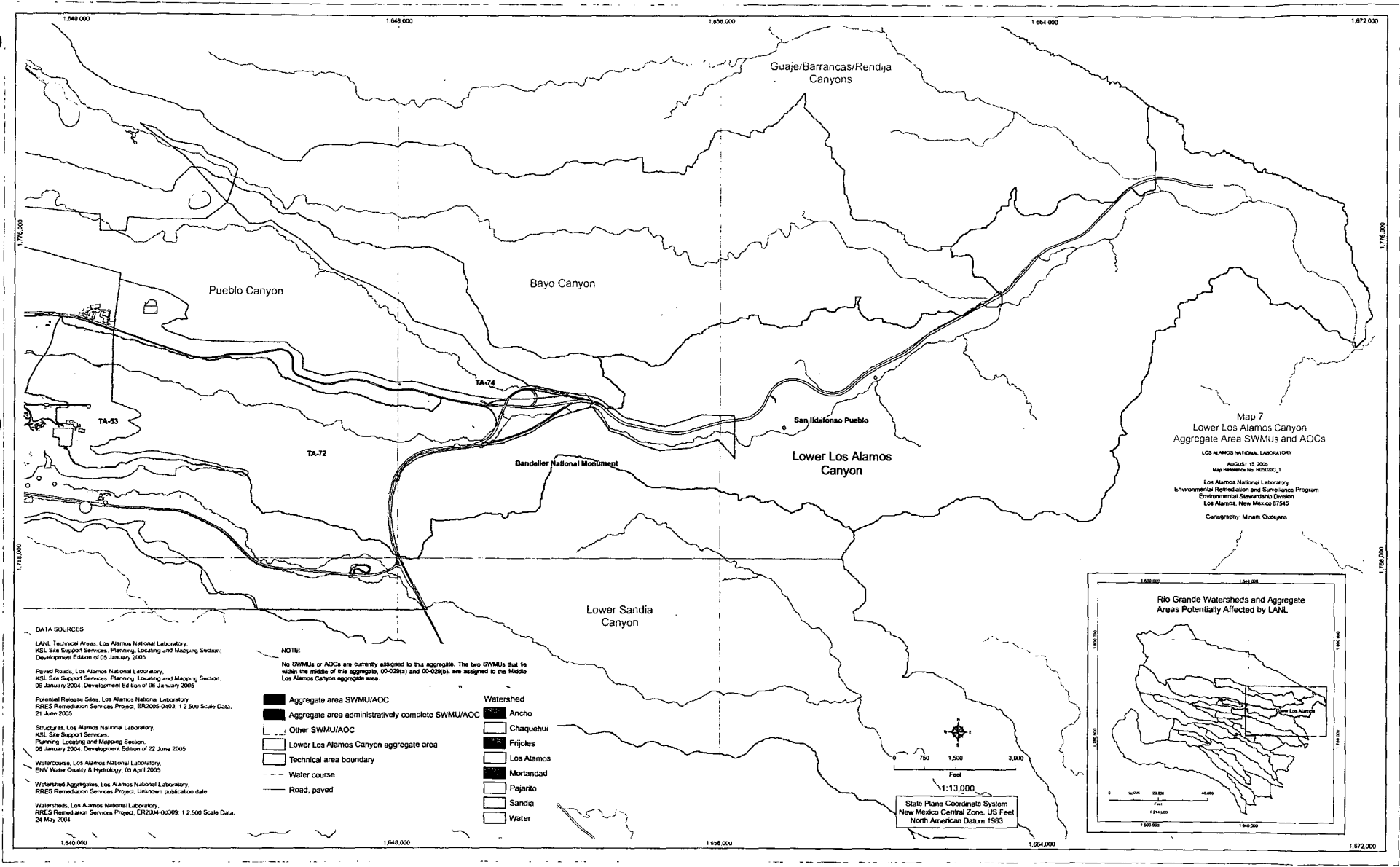
DATA SOURCES
 LANL Technical Areas, Los Alamos National Laboratory, PM Site and Project Planning Group, 01 February 2003 as captured September 7, 2004.
 Paving Roads, Los Alamos National Laboratory, NSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 06 January 2005.
 Potential Release Sites, Los Alamos National Laboratory, RRES Remediation Services Project, ER2005-0403, 1:2,500 Scale Data, 21 June 2005.
 Structures, County of Los Alamos, Information Services, 08 September 2004.
 Structures, Los Alamos National Laboratory, NSL, S&M Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 22 June 2005.
 Watercourse, Los Alamos National Laboratory, ENV Water Quality & Hydrology, 05 April 2005.
 Watershed Aggregates, Los Alamos National Laboratory, RRES Remediation Services Project, Unknown publication date.
 Watersheds, Los Alamos National Laboratory, RRES Remediation Services Project, ER2004-00309, 1:2,500 Scale Data, 24 May 2004.

- Aggregate area SWMUIAOC
- Aggregate area administratively complete SWMUIAOC
- Other SWMUIAOC
- LANL Structure
- County Structure
- DP Site aggregate area
- Aggregate area boundary
- Technical area boundary
- Water course
- Road, paved

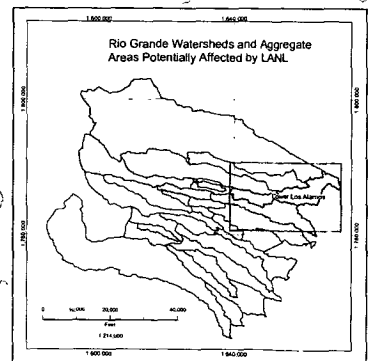
- Watershed**
- Ancho
 - Chaquethui
 - Frijoles
 - Los Alamos
 - Montanada
 - Pajarito
 - Sangra
 - Water



Map 6
 DP Site Aggregate Area
 SWMUs and AOCs
 LOS ALAMOS NATIONAL LABORATORY
 AUGUST 8, 2005
 Map Reference No. WQ0502P_1
 Los Alamos National Laboratory
 Environmental Remediation and Surveillance Program
 Environmental Stewardship Division
 Los Alamos, New Mexico 87545
 Cartography: Minam Outegans



Map 7
 Lower Los Alamos Canyon
 Aggregate Area SWMUs and AOCs
 LOS ALAMOS NATIONAL LABORATORY
 AUGUST 15, 2005
 Map Reference No. R050501_1
 Los Alamos National Laboratory
 Environmental Remediation and Stewardship Program
 Environmental Stewardship Division
 Los Alamos, New Mexico 87545
 Cartography: Miriam Cudejans



DATA SOURCES

LANL Technical Areas, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, Development Edition of 05 January 2005

Paved Roads, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 06 January 2005

Potential Release Sites, Los Alamos National Laboratory, RRES Remediation Services Project, ER2005-0403, 1:2,500 Scale Data, 21 June 2005

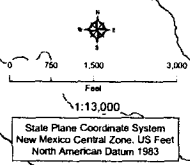
Structures, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 22 June 2005

Watercourse, Los Alamos National Laboratory, E/W Water Quality & Hydrology, 05 April 2005

Watershed Aggregates, Los Alamos National Laboratory, RRES Remediation Services Project, Unknown publication date

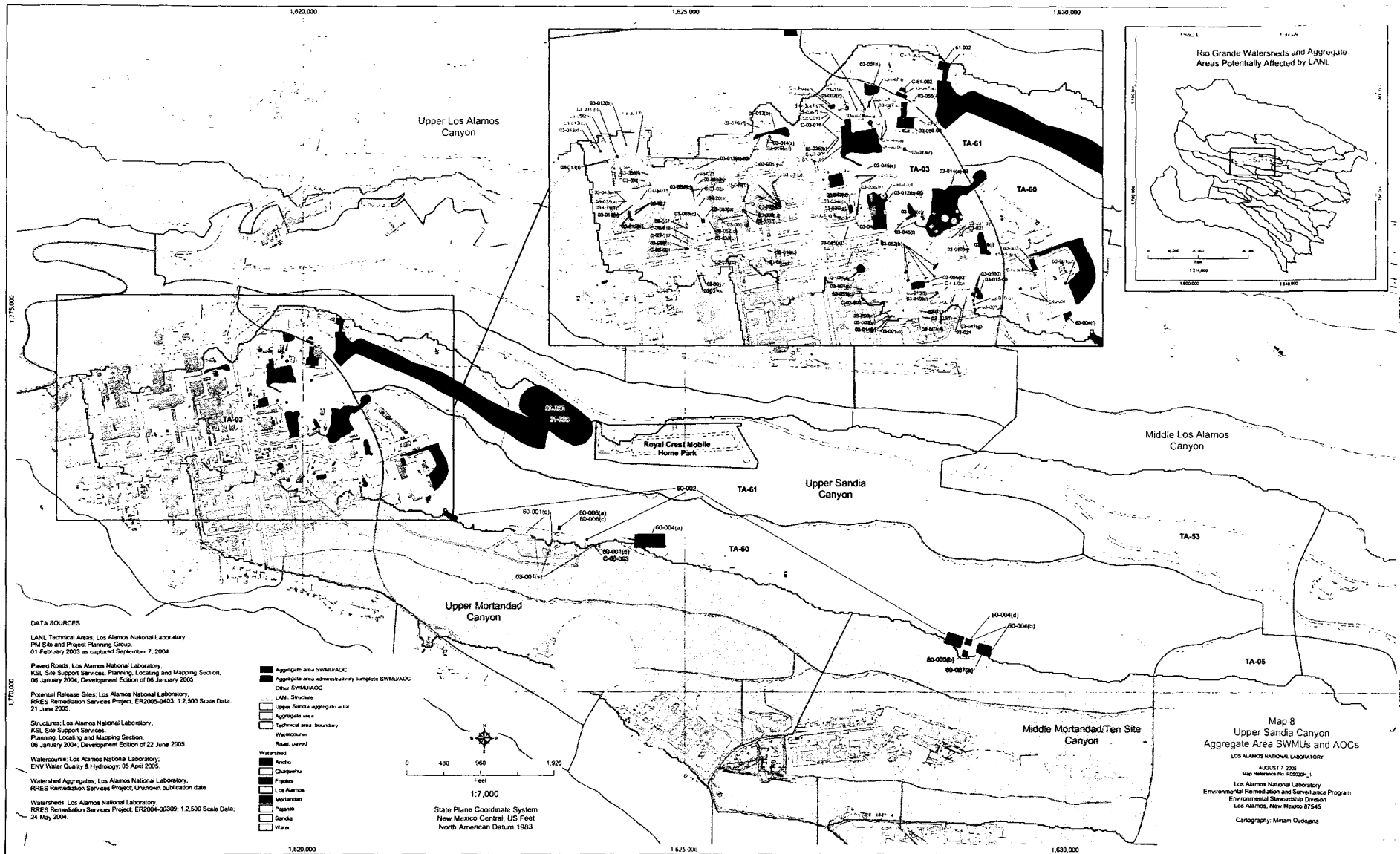
Watersheds, Los Alamos National Laboratory, RRES Remediation Services Project, ER2004-00309, 1:2,500 Scale Data, 24 May 2004

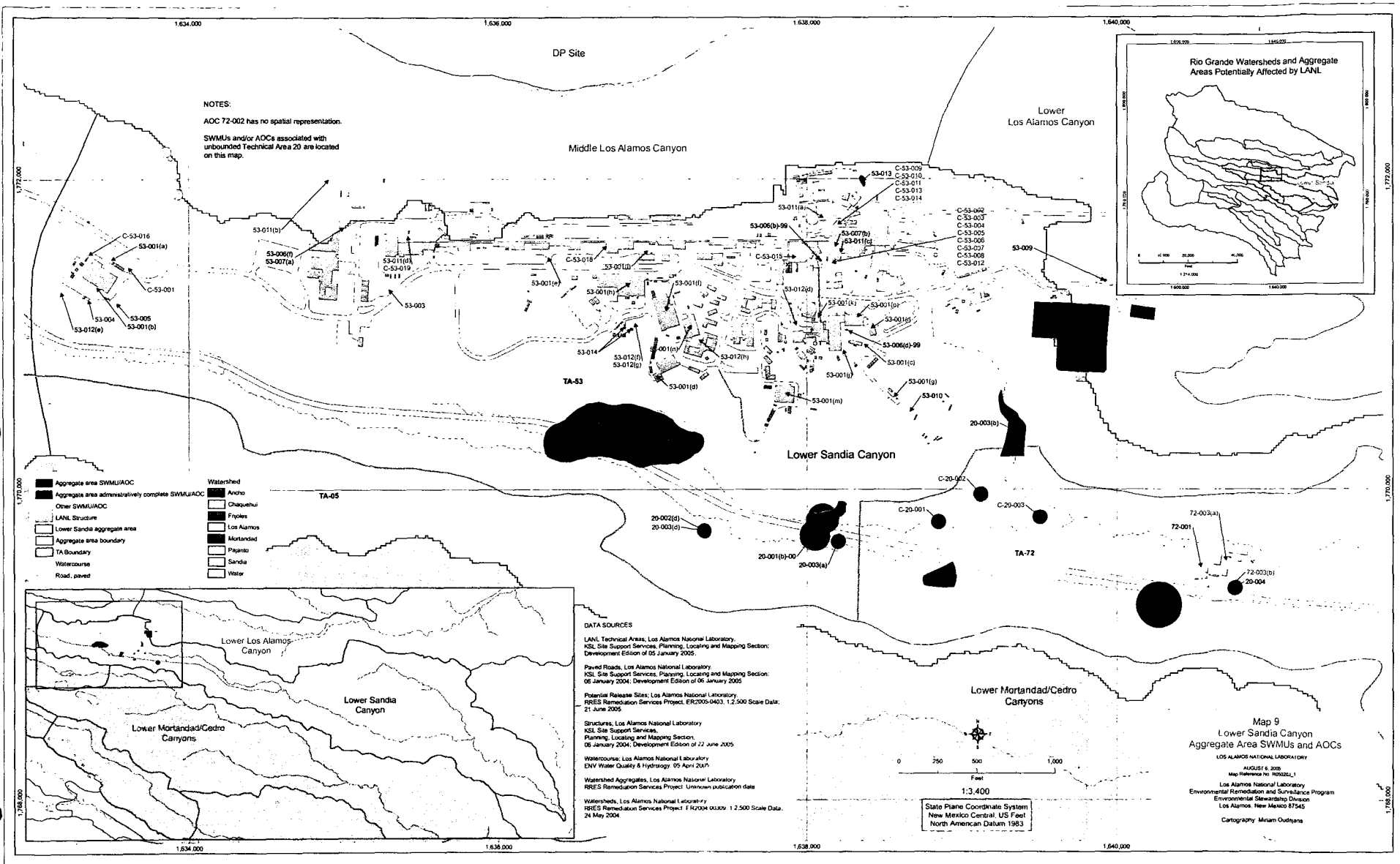
- NOTE:**
 No SWMUs or AOCs are currently assigned to this aggregate. The two SWMUs that lie within the middle of this aggregate, 00-029(a) and 00-029(b), are assigned to the Middle Los Alamos Canyon aggregate area.
- | | |
|---|------------|
| Aggregate area SWMU/AOC | Watershed |
| Aggregate area administratively complete SWMU/AOC | Ancho |
| Other SWMU/AOC | Chaquehu |
| Lower Los Alamos Canyon aggregate area | Frijoles |
| Technical area boundary | Los Alamos |
| Water course | Mortandad |
| Road, paved | Pajarito |
| | Sandia |
| | Water |



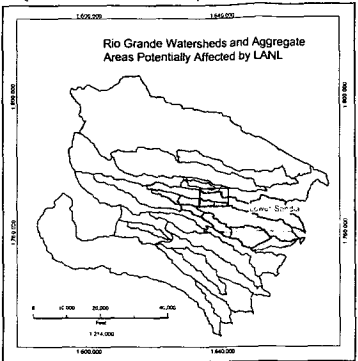
1,640,000 1,648,000 1,656,000 1,664,000 1,672,000

1,776,000 1,788,000



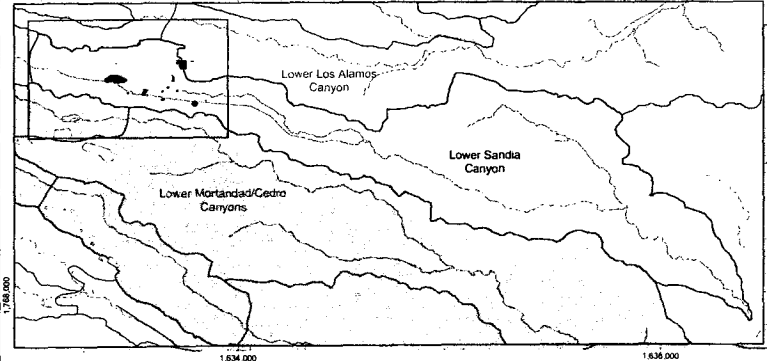


NOTES:
AOC 72-002 has no spatial representation.
SWMUs and/or AOCs associated with unbounded Technical Area 20 are located on this map.



- Aggregate area SWMU/AOC
- Aggregate area administratively complete SWMU/AOC
- Other SWMU/AOC
- LANL Structure
- Lower Sandia aggregate area
- Aggregate area boundary
- TA Boundary
- Watercourse
- Road, paved

- Watershed
- Ancho
- Chaquehui
- Frijoles
- Los Alamos
- Mortandad
- Pipanto
- Sandia
- Water



DATA SOURCES

LANL Technical Areas, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, Development Edition of 05 January 2005.

Paved Roads, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 06 January 2005.

Potential Release Sites, Los Alamos National Laboratory, RRES Remediation Services Project, ER2005-0403, 1:2,500 Scale Data, 21 June 2005.

Structures, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 22 June 2005.

Watercourses, Los Alamos National Laboratory, ENV Water Quality & Hydrology, 05 April 2004.

Watershed Aggregates, Los Alamos National Laboratory, RRES Remediation Services Project, Unknown publication date.

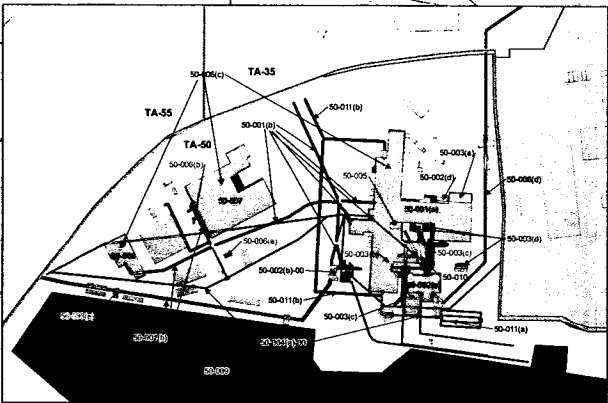
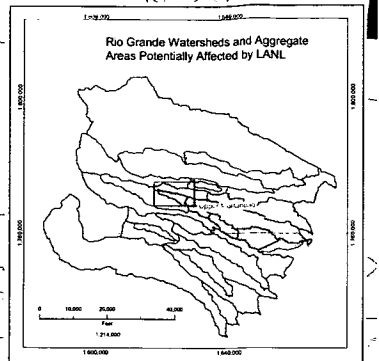
Watersheds, Los Alamos National Laboratory, RRES Remediation Services Project, F R2004 0001b, 1:2,500 Scale Data, 24 May 2004.

State Plane Coordinate System
New Mexico Central US Feet
North American Datum 1983

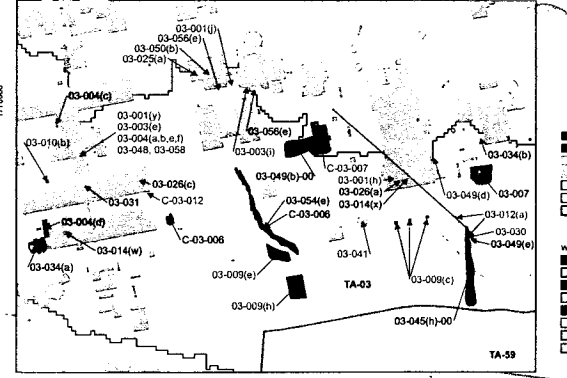
Map 9
Lower Sandia Canyon
Aggregate Area SWMUs and AOCs
LOS ALAMOS NATIONAL LABORATORY
AUGUST 6, 2008
Map Reference No. R020281_1
Los Alamos National Laboratory
Environmental Remediation and Surveillance Program
Environmental Stewardship Division
Los Alamos, New Mexico 87545
Cartography Miami Outpost

DATA SOURCES

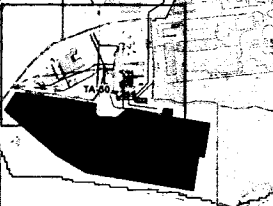
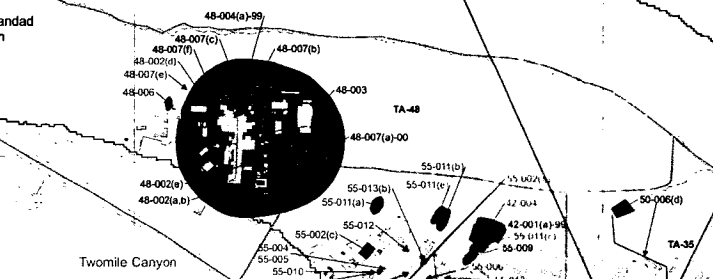
LANL Technical Areas: Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, Development Edition of 05 January 2005.
Paved Roads: Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 06 January 2005.
Potential Release Sites: Los Alamos National Laboratory, RRES Remediation Services Project, ER2005-0403; 1:2,500 Scale Data, 21 June 2005.
Structures: Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 22 June 2005.
Watercourse: Los Alamos National Laboratory, ESW Water Quality & Hydrology, 05 April 2005.
Watershed Aggregates: Los Alamos National Laboratory, RRES Remediation Services Project, Unknown publication date.
Watersheds: Los Alamos National Laboratory, RRES Remediation Services Project, ER2004-0309; 1:2,500 Scale Data, 24 May 2004.



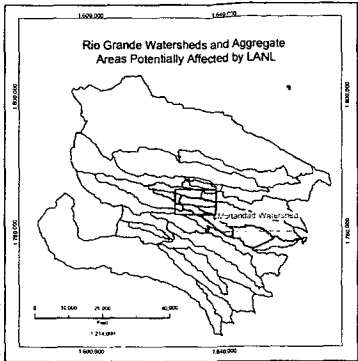
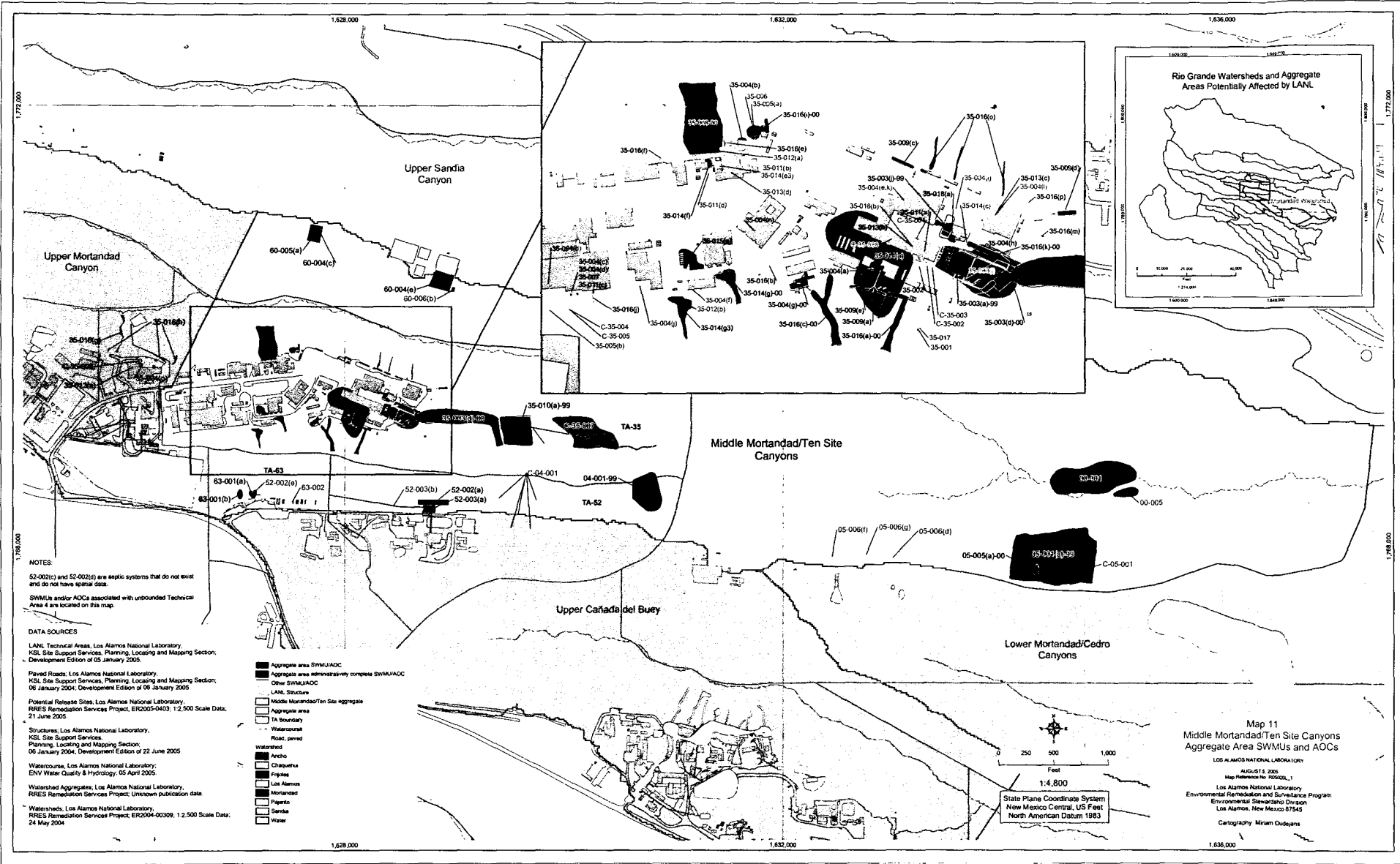
NOTE: SWMUs and/or AOCs associated with unbounded Technical Area 42 are located on this map.



- Aggregate area SWMUAOC
 - Aggregate area administratively complex SWMUAOC
 - Other SWMUAOC
 - LANL Structure
 - Upper Mortandad aggregate area
 - Aggregate area
 - TA boundary
 - Watercourse
 - Road, paved
- Watershed
- Ancho
 - Chaparral
 - Ergades
 - Los Alamos
 - Mortandad
 - Pinyon
 - Sandia
 - Water
- Scale: 1:4,600
Slate Plane Coordinate System
New Mexico Central, US Feet
North American Datum 1983



Map 10
Upper Mortandad Canyon
Aggregate Areas SWMUs and AOCs
LOS ALAMOS NATIONAL LABORATORY
AUGUST 17, 2005
Map Reference No. 980220v.1
Los Alamos National Laboratory
Environmental Remediation and Surveillance Program
Environmental Stewardship Division
Los Alamos, New Mexico 87545
Cartography: Miriam Oudryans



NOTES

52-002(c) and 52-002(d) are septic systems that do not exist and do not have spatial data.

SWMUs and/or AOCs associated with unbounded Technical Area 4 are located on this map.

DATA SOURCES

- LANL, Technical Areas, Los Alamos National Laboratory, KSL, Site Support Services, Planning, Locating and Mapping Section, Development Edition of 05 January 2005.
- Paved Roads, Los Alamos National Laboratory, KSL, Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 06 January 2005.
- Potential Release Sites, Los Alamos National Laboratory, RRES Remediation Services Project, ER2005-0403, 1:2,500 Scale Data, 21 June 2005.
- Structures, Los Alamos National Laboratory, KSL, Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 22 June 2005.
- Watercourse, Los Alamos National Laboratory, ENV Water Quality & Hydrology, 05 April 2005.
- Watershed Aggregates, Los Alamos National Laboratory, RRES Remediation Services Project, Unknown publication date.
- Watersheds, Los Alamos National Laboratory, RRES Remediation Services Project, ER2004-00309, 1:2,500 Scale Data, 24 May 2004.

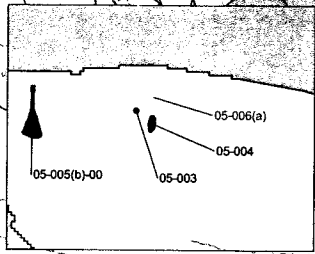
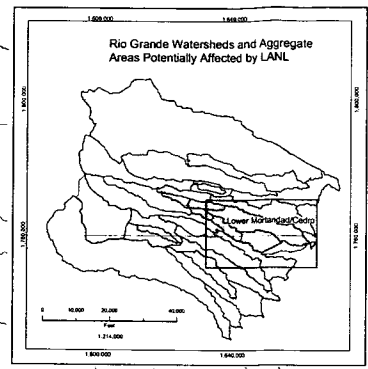
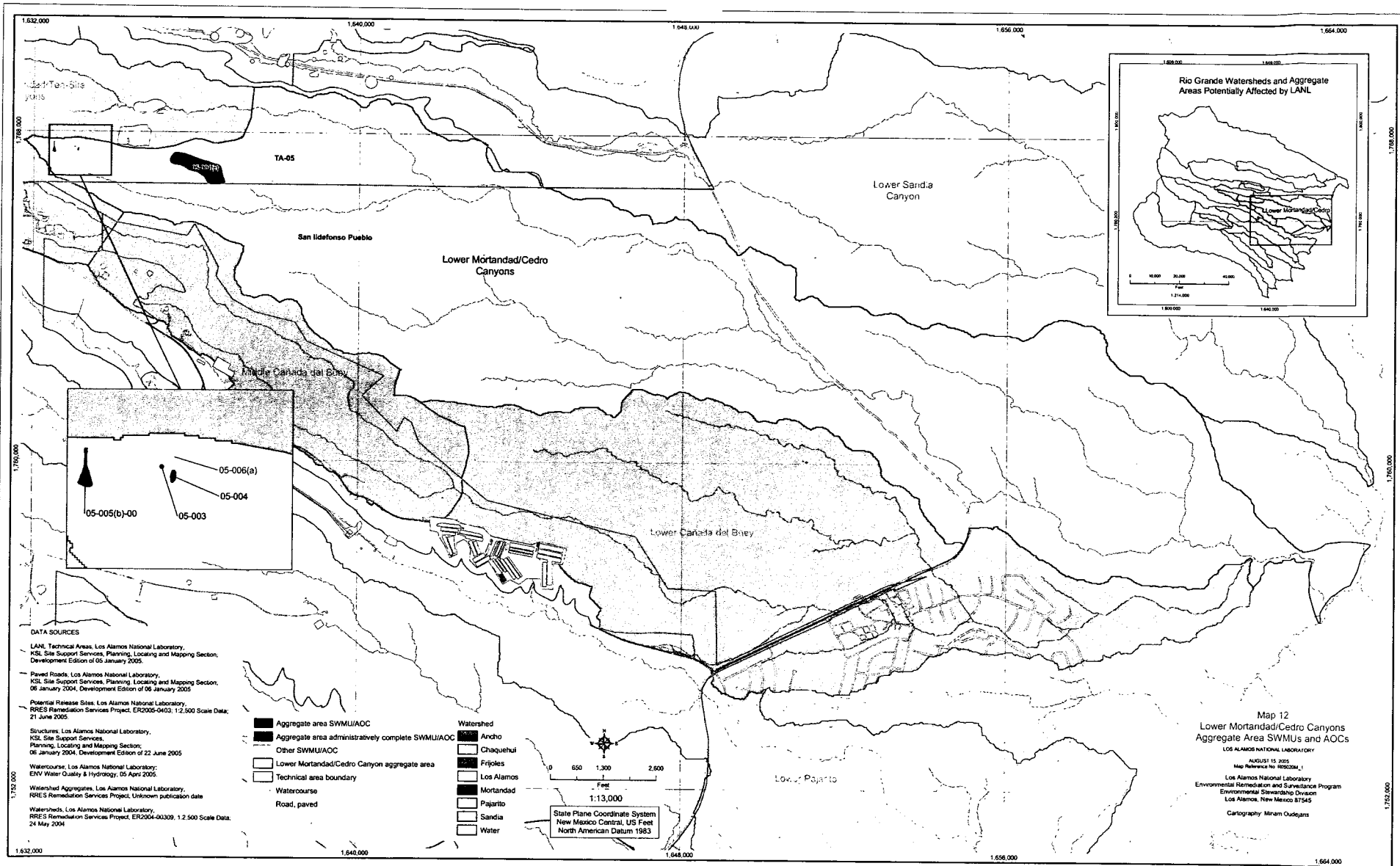
- Aggregate area SWMUAOC
- Aggregate area non-separability complex SWMUAOC
- Other SWMUAOC
- LANL Structure
- Middle Mortandad/Ten Site aggregate
- Aggregate area
- Ta boundary
- Watercourse
- Road, paved
- Waterland
- Archeo
- Chaqueque
- Frijoles
- Los Alamos
- Montezuma
- Pajarito
- Sandia
- Water

Map 11
Middle Mortandad/Ten Site Canyons
Aggregate Area SWMUs and AOCs

LOS ALAMOS NATIONAL LABORATORY
AUGUST 6, 2005
Map Release No. 160500L_1
Los Alamos National Laboratory
Environmental Remediation and Surveillance Program
Environmental Stewardship Division
Los Alamos, New Mexico 87545
Cartography: Miriam Dudgeons

State Plane Coordinate System
New Mexico Central, US Feet
North American Datum 1983

0 250 500 1,000
Feet
1:4,800



DATA SOURCES

LANL Technical Areas, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, Development Edition of 05 January 2005.

Paved Roads, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 06 January 2005.

Potential Release Sites, Los Alamos National Laboratory, RRES Remediation Services Project, ER2005-0403, 1:2,500 Scale Data, 21 June 2005.

Structures, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 22 June 2005.

Watersheds, Los Alamos National Laboratory, ENV Water Quality & Hydrology, 05 April 2005.

Watershed Aggregates, Los Alamos National Laboratory, RRES Remediation Services Project, Unknown publication date.

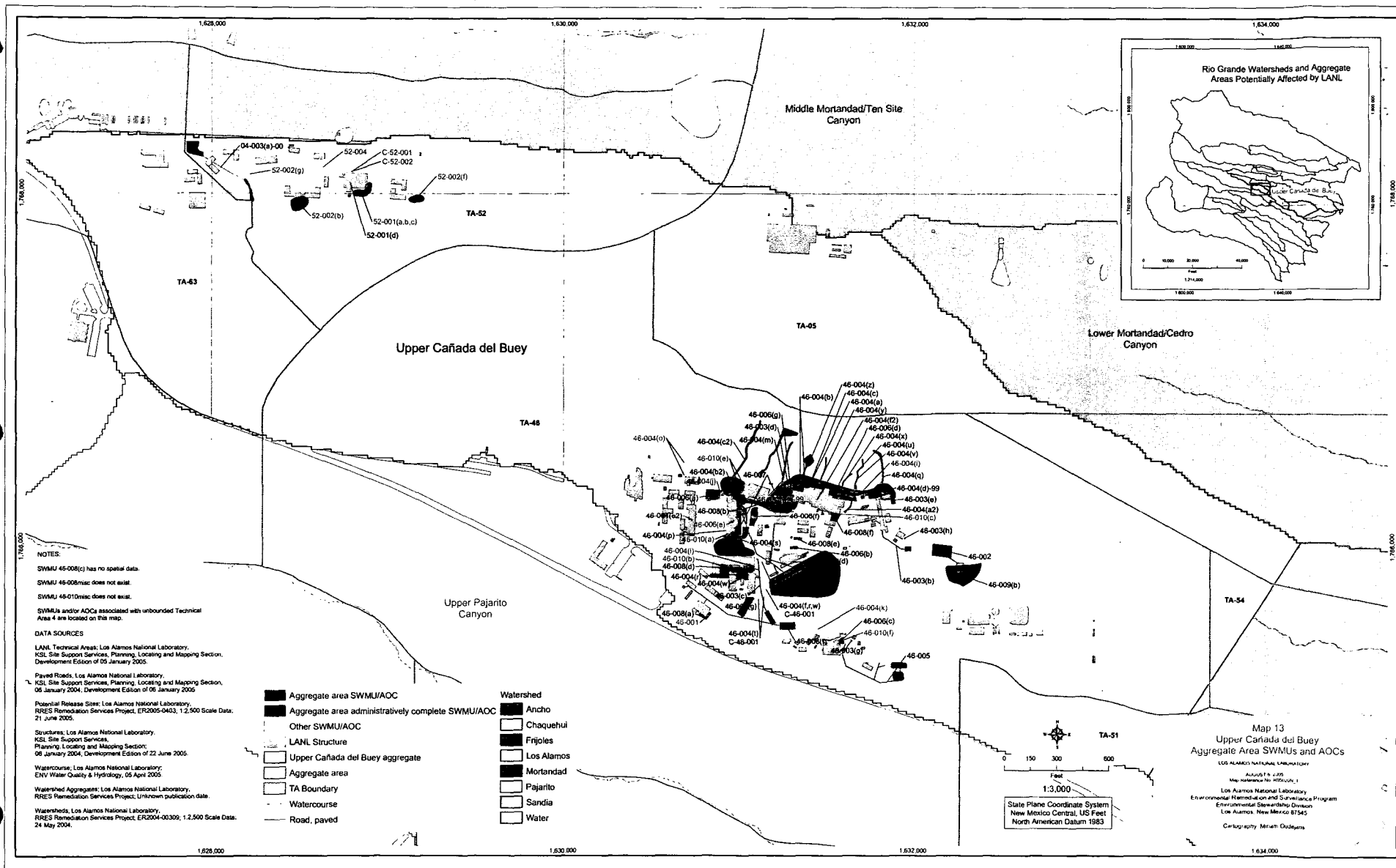
Watersheds, Los Alamos National Laboratory, RRES Remediation Services Project, ER2004-00309, 1:2,500 Scale Data, 24 May 2004.

- Aggregate area SWMU/AOC
- Aggregate area administratively complete SWMU/AOC
- Other SWMU/AOC
- Lower Mortandad/Cedro Canyon aggregate area
- Technical area boundary
- Watercourse
- Road, paved

- Watershed**
- Ancho
 - Chaquethui
 - Frijoles
 - Los Alamos
 - Mortandad
 - Pajarito
 - Sandia
 - Water

Map 12
Lower Mortandad/Cedro Canyons
Aggregate Area SWMUs and AOCs

LOS ALAMOS NATIONAL LABORATORY
 AUGUST 15, 2005
 Map Reference No. 0020206_1
 Los Alamos National Laboratory
 Environmental Remediation and Surveillance Program
 Environmental Stewardship Division
 Los Alamos, New Mexico 87545
 Cartography: Miriam Oudejans



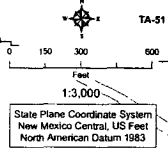
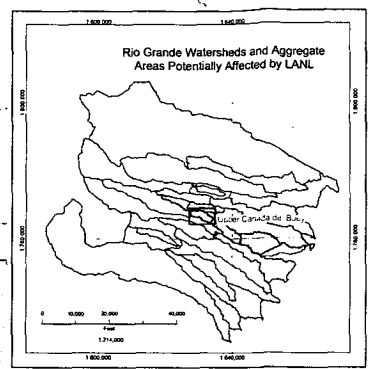
NOTES:

- SWMU 46-008(c) has no spatial data.
- SWMU 46-006misc does not exist.
- SWMU 46-010misc does not exist.
- SWMU and/or AOCs associated with unbounded Technical Area 4 are located on this map.

DATA SOURCES

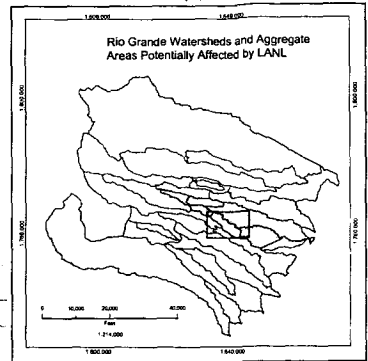
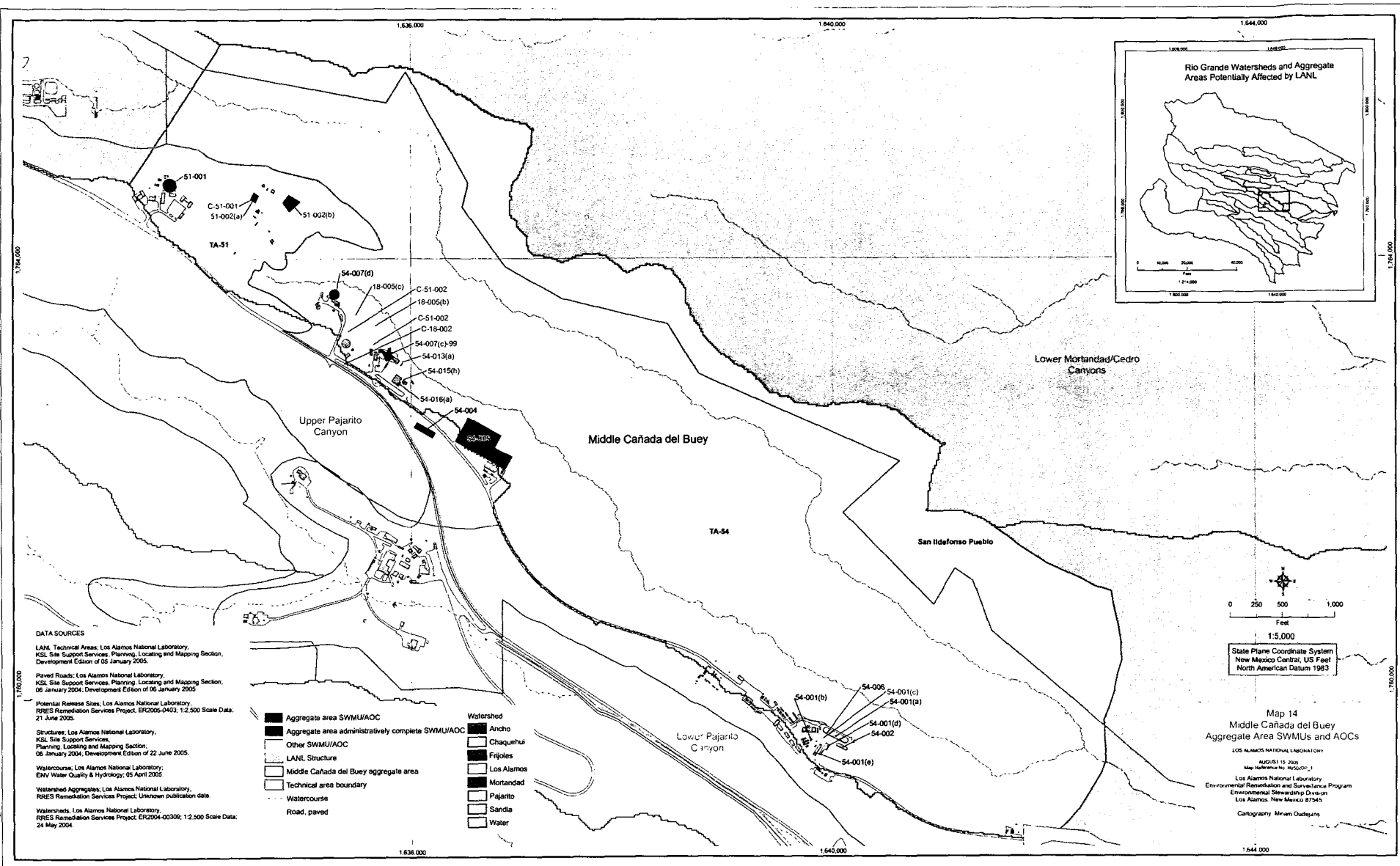
- LANL Technical Areas: Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, Development Edition of 05 January 2005.
- Paved Roads: Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 06 January 2005.
- Potential Release Sites: Los Alamos National Laboratory, RRES Remediation Services Project, ERD2005-0403, 1:2,500 Scale Data, 21 June 2005.
- Structures: Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 22 June 2005.
- Watercourse: Los Alamos National Laboratory, ENV Water Quality & Hydrology, 05 April 2005.
- Watershed Aggregates: Los Alamos National Laboratory, RRES Remediation Services Project, Unknown publication date.
- Watersheds: Los Alamos National Laboratory, RRES Remediation Services Project, ERD2004-00309, 1:2,500 Scale Data, 24 May 2004.

- | | | | |
|--|---|--|------------|
| | Aggregate area SWMU/AOC | | Watershed |
| | Aggregate area administratively complete SWMU/AOC | | Ancho |
| | Other SWMU/AOC | | Chaquehul |
| | LANL Structure | | Frijoles |
| | Upper Cañada del Buey aggregate | | Los Alamos |
| | Aggregate area | | Mortandad |
| | TA Boundary | | Pajarito |
| | Watercourse | | Sandia |
| | Road, paved | | Water |



Map 13
Upper Cañada del Buey
Aggregate Area SWMUs and AOCs

LOS ALAMOS NATIONAL LABORATORY
August 14, 2005
Map prepared by: M. H. H. H. H. H.
Los Alamos National Laboratory
Environmental Remediation and Surveillance Program
Environmental Oversight Division
Los Alamos, New Mexico 87545
Cartography: M. H. H. H. H.



DATA SOURCES

LANL Technical Areas, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, Development Edition of 05 January 2005.

Paved Roads, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 06 January 2005.

Potential Release Sites, Los Alamos National Laboratory, RRES Remediation Services Project, ER2005-0403, 1:2,500 Scale Data, 21 June 2005.

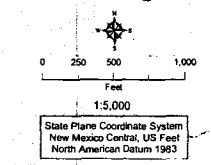
Structures, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 06 January 2005.

Watercourse, Los Alamos National Laboratory, ENV Water Quality & Hydrology, 05 April 2005.

Watershed Aggregates, Los Alamos National Laboratory, RRES Remediation Services Project, Unknown publication date.

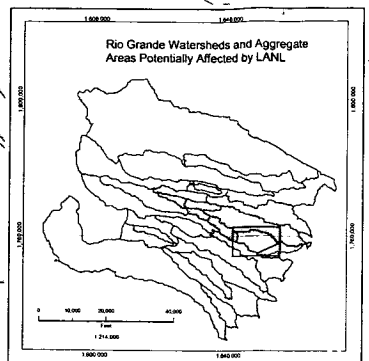
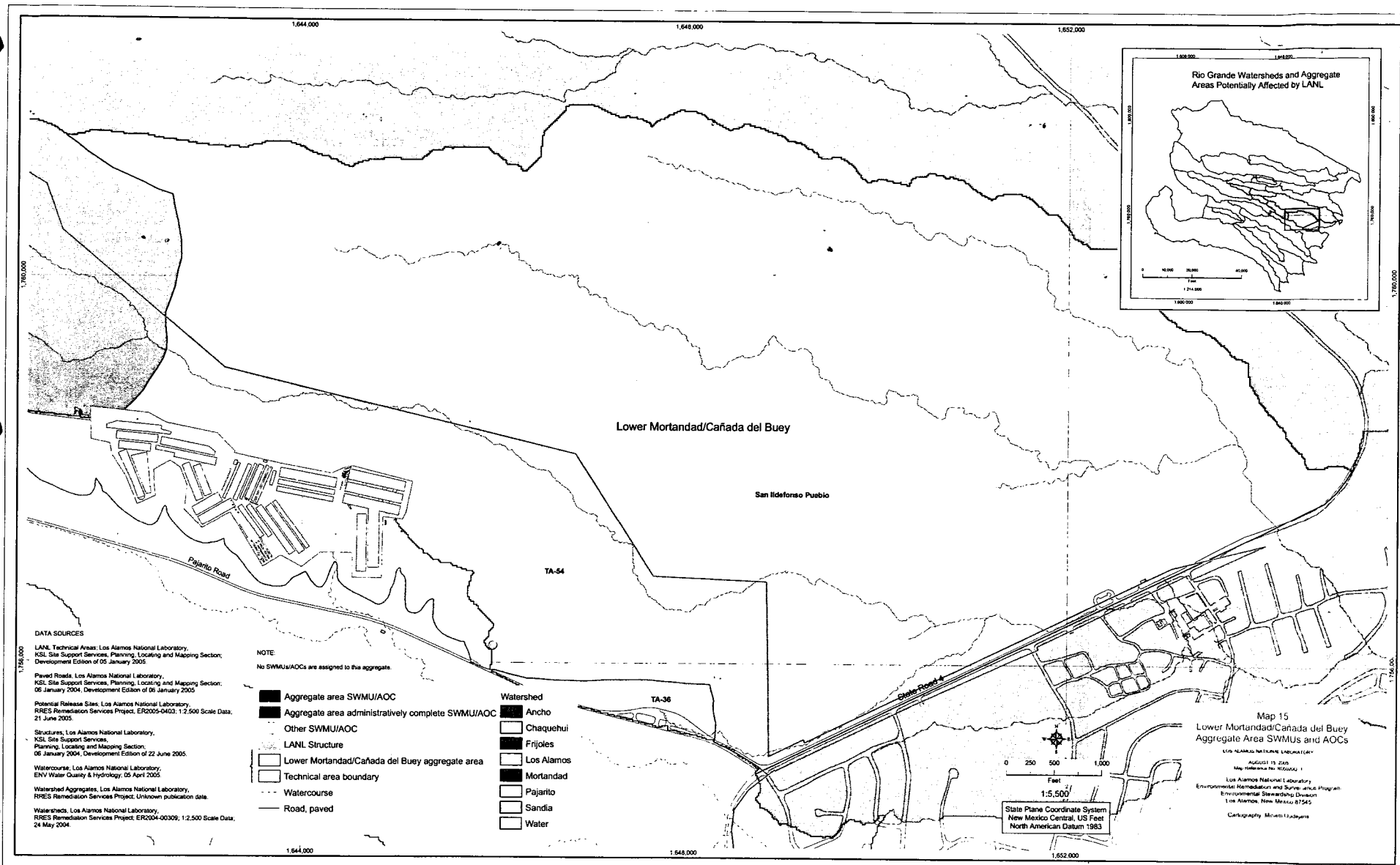
Watersheds, Los Alamos National Laboratory, RRES Remediation Services Project, ER2004-00309, 1:2,500 Scale Data, 24 May 2004.

- | | |
|--|--|
| <ul style="list-style-type: none"> Aggregate area SWMU/AOC Aggregate area administratively complete SWMU/AOC Other SWMU/AOC LANL Structure Middle Cañada del Buey aggregate area Technical area boundary Watercourse Road, paved | <ul style="list-style-type: none"> Watershed Ancho Chaquehuit Frijoles Los Alamos Mortandad Pajarito Sandia Water |
|--|--|



Map 14
Middle Cañada del Buey
Aggregate Area SWMUs and AOCs

LOS ALAMOS NATIONAL LABORATORY
 AUGUST 15 2005
 Map Reference No. MROG0001_1
 Los Alamos National Laboratory
 Environmental Remediation and Surveillance Program
 Environmental Stewardship Division
 Los Alamos, New Mexico 87545
 Cartography: Miriam Outdoors



DATA SOURCES

LANL Technical Areas: Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, Development Edition of 05 January 2005

Paved Roads: Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 05 January 2005

Potential Release Sites: Los Alamos National Laboratory, RES Remediation Services Project, ER2005-0403, 1:2,500 Scale Data, 21 June 2005

Structures: Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 22 June 2005

Watercourse: Los Alamos National Laboratory, ENV Water Quality & Hydrology, 05 April 2005

Watershed Aggregates: Los Alamos National Laboratory, RES Remediation Services Project, Unknown publication date

Watersheds: Los Alamos National Laboratory, RES Remediation Services Project, ER2004-00309, 1:2,500 Scale Data, 24 May 2004

NOTE
No SWMUs/AOCs are assigned to this aggregate.

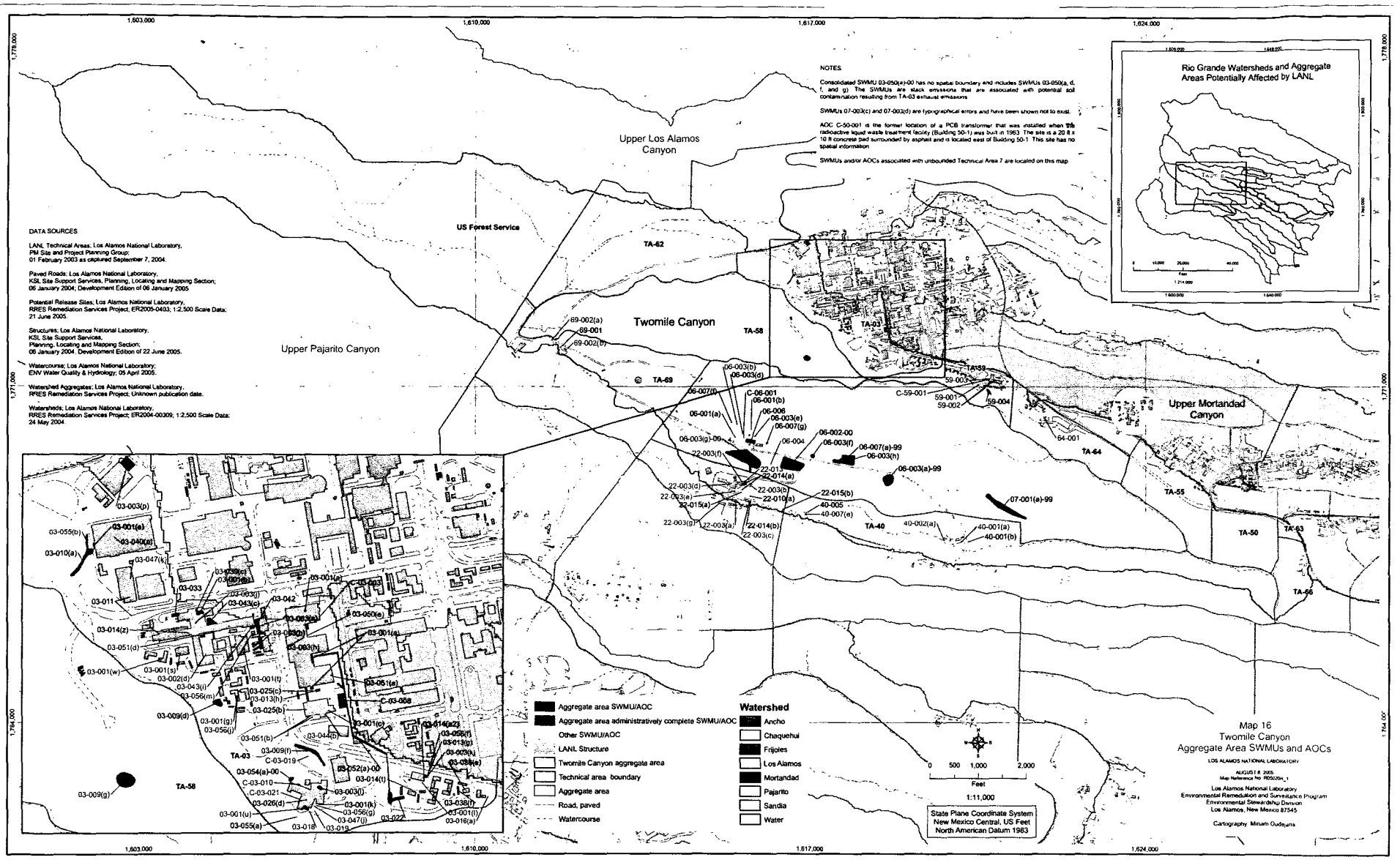
- Aggregate area SWMU/AOC
- Aggregate area administratively complete SWMU/AOC
- Other SWMU/AOC
- LANSU Structure
- Lower Mortandad/Cañada del Buey aggregate area
- Technical area boundary
- Watercourse
- Road, paved

- Watershed**
- Ancho
 - Chaquehul
 - Frijoles
 - Los Alamos
 - Mortandad
 - Pajarito
 - Sandia
 - Water

Map 15
Lower Mortandad/Cañada del Buey
Aggregate Area SWMUs and AOCs

LOS ALAMOS NATIONAL LABORATORY
August 19, 2005
Map Reference No. 15000001
Los Alamos National Laboratory
Environmental Remediation and Survey and Program
Environmental Stewardship Division
Los Alamos, New Mexico 87545
Cartography: Michael H. Taylor

0 250 500 1,000
Feet
1:5,500
State Plane Coordinate System
New Mexico Central, US Feet
North American Datum 1983



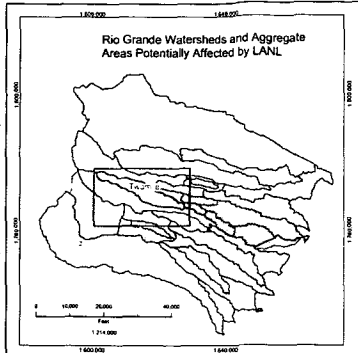
NOTES

Consolidated SWMU 03-050(a)+00 has no spatial boundary and includes SWMUs 03-050(a, d, f, and g). The SWMUs are stack emissions that are associated with potential soil contamination resulting from TA-03 exhaust emissions.

SWMUs 07-003(c) and 07-003(d) are typographical errors and have been shown not to exist.

AOC C-50-001 is the former location of a PCB transformer that was installed when the radioactive liquid waste treatment facility (Building 50-1) was built in 1963. The site is a 20 ft x 10 ft concrete pad surrounded by asphalt area is located east of Building 50-1. This site has no spatial information.

SWMUs and/or AOCs associated with unbounded Technical Area 7 are located on this map.



DATA SOURCES

LANL Technical Areas: Los Alamos National Laboratory, PA/ Site and Project Planning Group; 01 February 2003 as updated September 7, 2004.

Paved Roads: Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section; 06 January 2004; Development Edition of 06 January 2005.

Potential Release Sites: Los Alamos National Laboratory, RRES Remediation Services Project; ER2005-0403; 1:2,500 Scale Data; 21 June 2005.

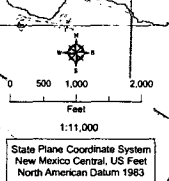
Structures: Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section; 06 January 2004; Development Edition of 22 June 2005.

Watercourses: Los Alamos National Laboratory, ENV Water Quality & Hydrology; 05 April 2005.

Watershed Aggregates: Los Alamos National Laboratory, RRES Remediation Services Project; Unknown publication date.

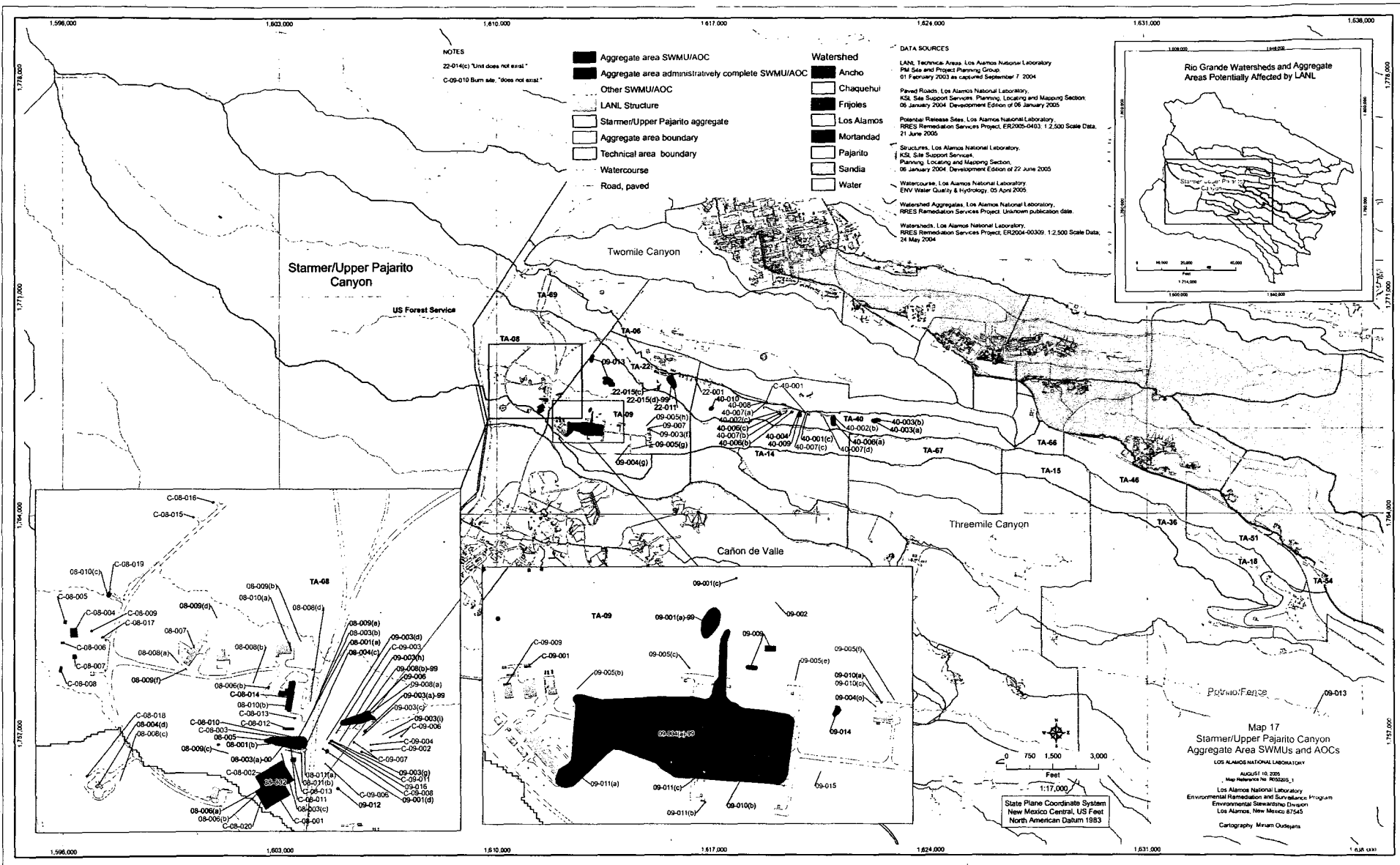
Watersheds: Los Alamos National Laboratory, RRES Remediation Services Project; ER2004-00306; 1:2,500 Scale Data; 24 May 2004.

- | | | | |
|--|---|--|------------------|
| | Aggregate area SWMU/AOC | | Watershed |
| | Aggregate area administratively complete SWMU/AOC | | Ancho |
| | Other SWMU/AOC | | Chaquehuel |
| | LANL Structure | | Frijoles |
| | Twomile Canyon aggregate area | | Los Alamos |
| | Technical area boundary | | Mortandad |
| | Aggregate area | | Pajarito |
| | Road, paved | | Sandia |
| | Watercourse | | Water |



Map 16
Twomile Canyon
Aggregate Area SWMUs and AOCs

LOS ALAMOS NATIONAL LABORATORY
 AUGUST 18, 2005
 Map Reference No. RRES05-1
 Los Alamos National Laboratory
 Environmental Remediation and Surveillance Program
 Environmental Stewardship Division
 Los Alamos, New Mexico 87545
 Cartography: Mueser Rutledge

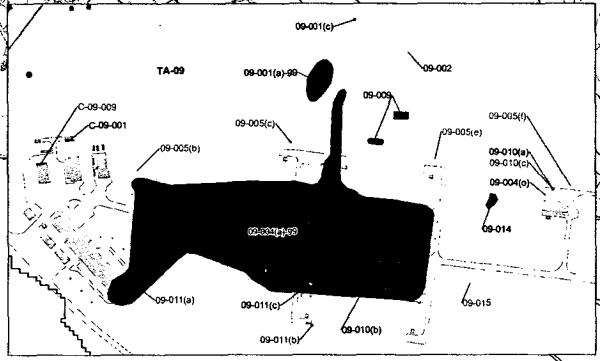
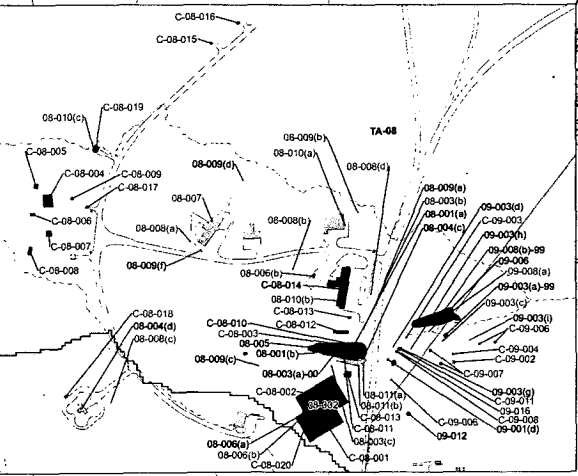
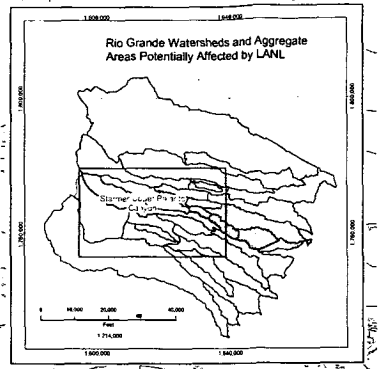


NOTES
22-014(c) "Unit does not exist"
C-09-010 Burn site: "does not exist"

- Aggregate area SWMU/AOC
- Aggregate area administratively complete SWMU/AOC
- Other SWMU/AOC
- LANL Structure
- Stammer/Upper Pajarito aggregate
- Aggregate area boundary
- Technical area boundary
- Watercourse
- Road, paved

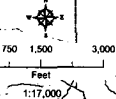
- Watershed
- Ancho
 - Chaquehuel
 - Frijoles
 - Los Alamos
 - Mortandad
 - Pajarito
 - Sandia
 - Water

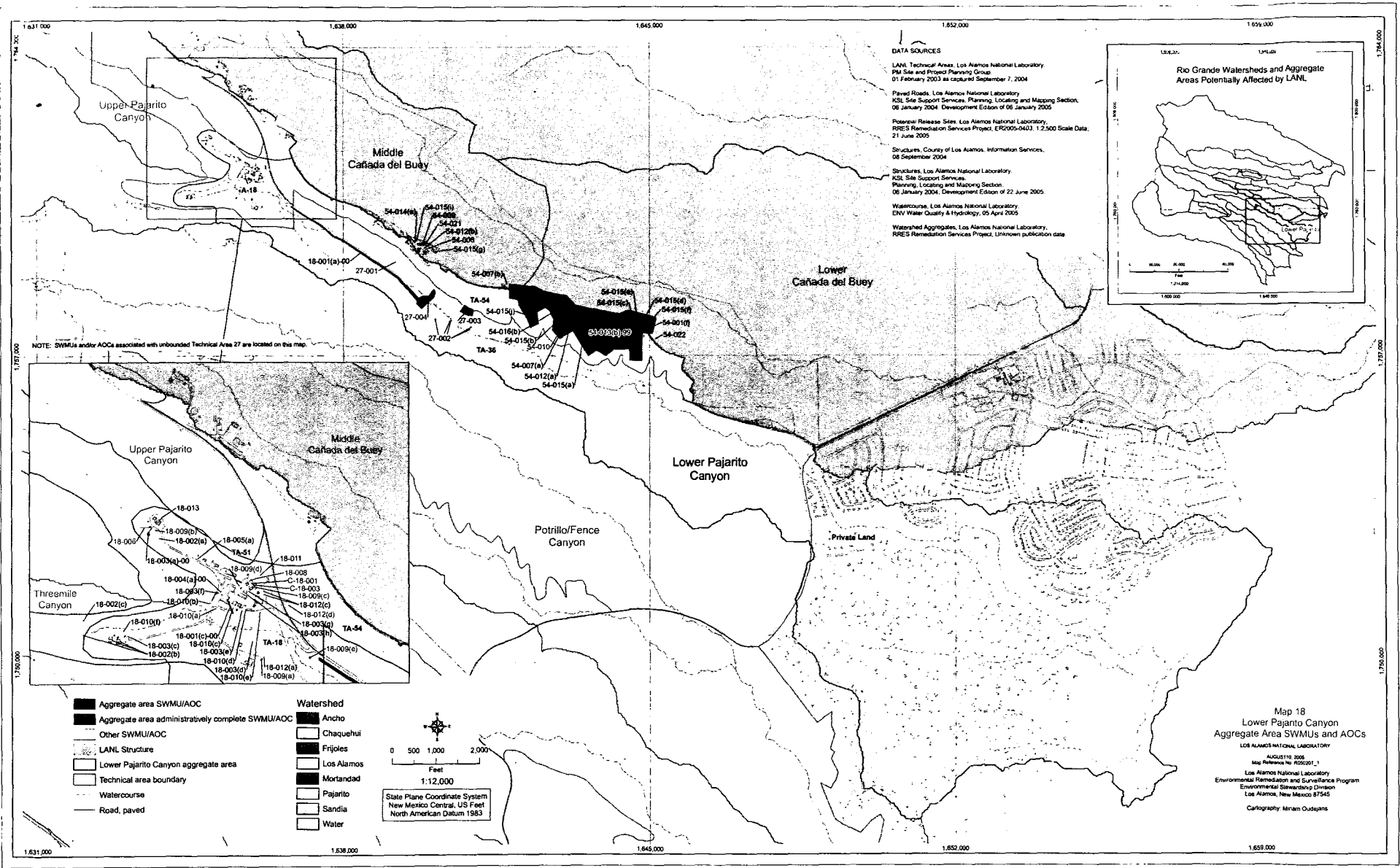
DATA SOURCES
LANL Technical Areas, Los Alamos National Laboratory
PAI Site and Project Planning Group
01 February 2003 as captured September 7 2004
Paved Roads, Los Alamos National Laboratory,
K32, Site Support Services, Planning, Locating and Mapping Section,
06 January 2004, Development Edition of 06 January 2005
Potential Release Sites, Los Alamos National Laboratory,
RRS Remediation Services Project, ER2005-0403, 1:2,500 Scale Data,
21 June 2005
Structures, Los Alamos National Laboratory,
K32, Site Support Services,
Planning, Locating and Mapping Section,
06 January 2004, Development Edition of 27 June 2005
Watercourse, Los Alamos National Laboratory,
EMV Water Quality & Hydrology, 02 April 2005
Watershed Aggregates, Los Alamos National Laboratory,
RRS Remediation Services Project, Unknown publication date.
Watersheds, Los Alamos National Laboratory,
RRS Remediation Services Project, ER2004-00309, 1:2,500 Scale Data,
24 May 2004



Map 17
Stammer/Upper Pajarito Canyon
Aggregate Area SWMUs and AOCs
LOS ALAMOS NATIONAL LABORATORY
August 18, 2005
Map Network File: R02005_1
Los Alamos National Laboratory
Environmental Remediation and Surveillance Program
Environmental Stewardship Division
Los Alamos, New Mexico 87545
Cartography: Miriam Oudejans

State Plane Coordinate System
New Mexico Central, US Feet
North American Datum 1983
1:17,000





DATA SOURCES

LANL Technical Areas, Los Alamos National Laboratory, PAI Site and Project Planning Group, 01 February 2003 as revised September 7, 2004

Paved Roads, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 06 January 2005

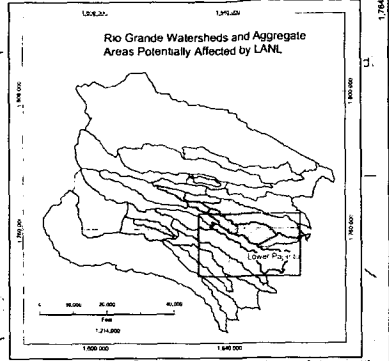
Potential Release Sites, Los Alamos National Laboratory, RRES Remediation Services Project, ER2005-0403, 1:2,500 Scale Data, 21 June 2005

Structures, County of Los Alamos, Information Services, 08 September 2004

Structures, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 22 June 2005

Watercourse, Los Alamos National Laboratory, ENV Water Quality & Hydrology, 05 April 2005

Watershed Aggregates, Los Alamos National Laboratory, RRES Remediation Services Project, Unknown publication date



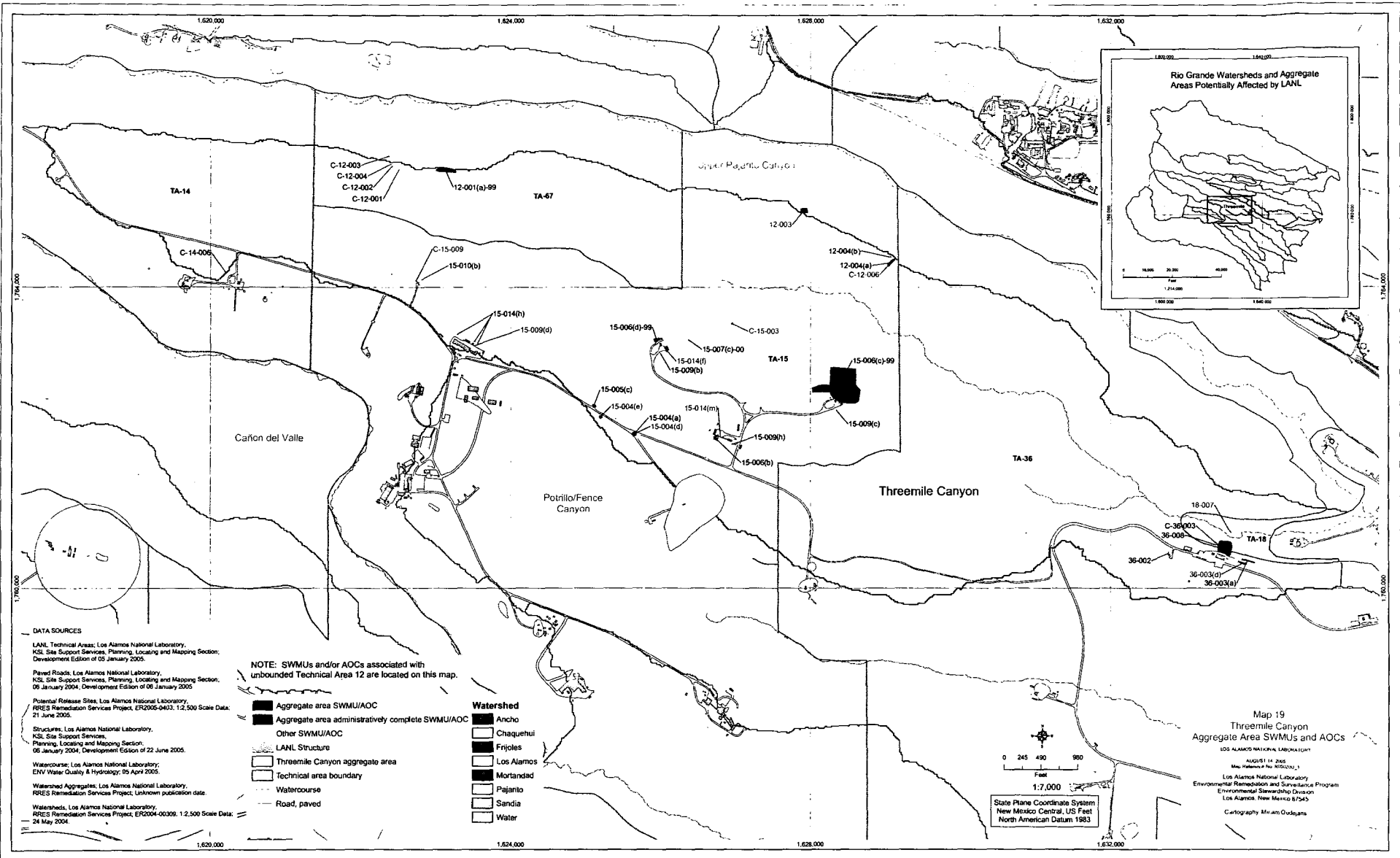
NOTE: SWMUs and/or AOCs associated with unbounded Technical Area 27 are located on this map.

Map 18
Lower Pajarito Canyon
Aggregate Area SWMUs and AOCs

LOS ALAMOS NATIONAL LABORATORY
AUGUST 11, 2005
Map Reference No. R202091_1

Los Alamos National Laboratory
Environmental Remediation and Surveillance Program
Environmental Stewardship Division
Los Alamos, New Mexico 87545

Cartography: Minam Outdoors



DATA SOURCES

LANL Technical Areas; Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, Development Edition of 05 January 2005.

Paved Roads; Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 06 January 2005.

Potential Release Sites; Los Alamos National Laboratory, RRES Remediation Services Project, ER2005-0403, 1:2,500 Scale Data, 21 June 2005.

Structures; Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 22 June 2005.

Watercourse; Los Alamos National Laboratory, ENV Water Quality & Hydrology, 05 April 2005.

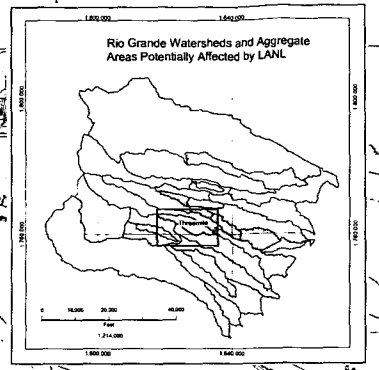
Watershed Aggregates; Los Alamos National Laboratory, RRES Remediation Services Project, Unknown publication date.

Watersheds; Los Alamos National Laboratory, RRES Remediation Services Project, ER2004-00309, 1:2,500 Scale Data, 24 May 2004.

NOTE: SWMUs and/or AOCs associated with unbounded Technical Area 12 are located on this map.

- Aggregate area SWMU/AOC
- Aggregate area administratively complete SWMU/AOC
- Other SWMU/AOC
- LANL Structure
- Threemile Canyon aggregate area
- Technical area boundary
- Watercourse
- Road, paved

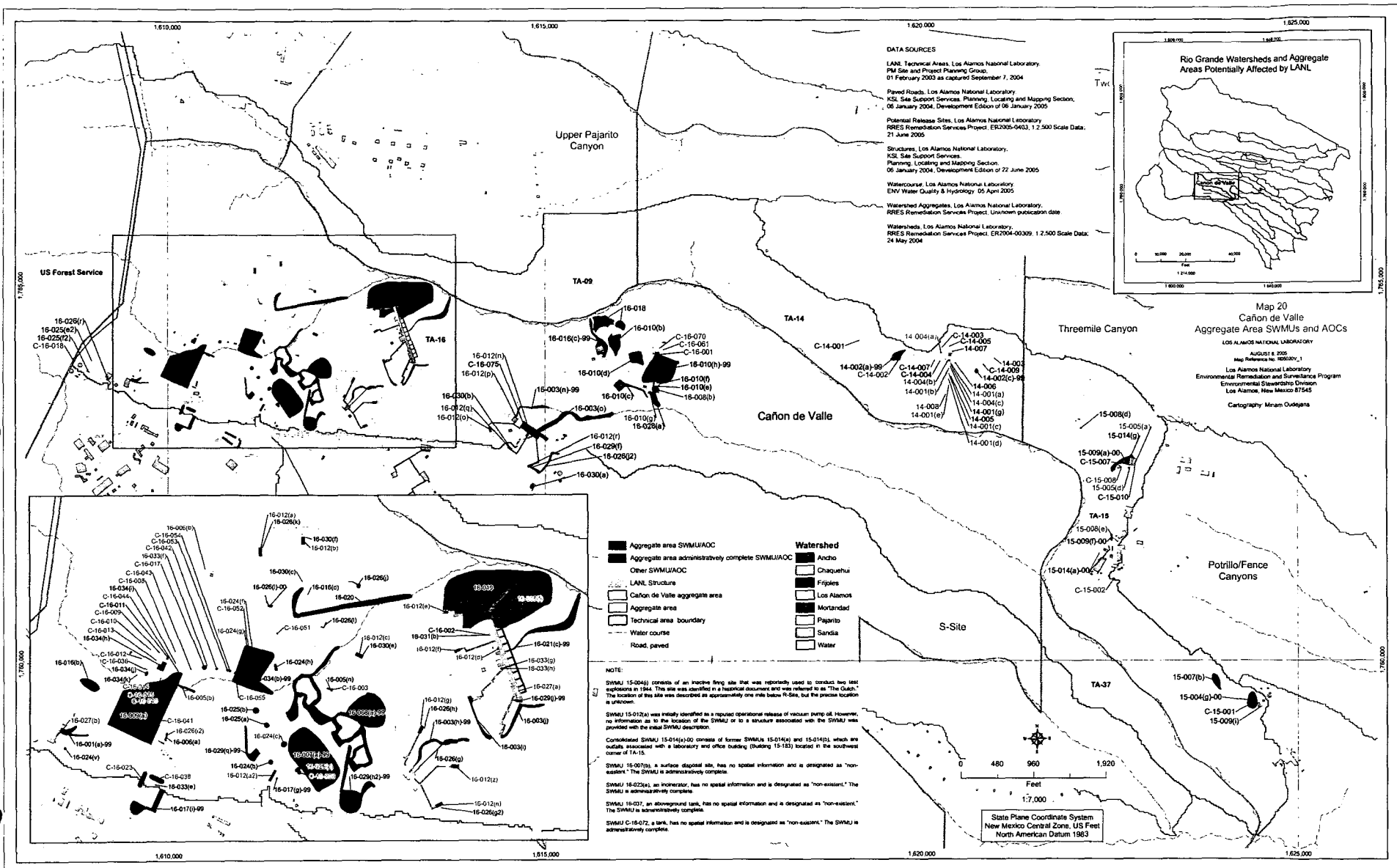
- Watershed**
- Ancho
 - Chaquehui
 - Frijoles
 - Los Alamos
 - Mortandad
 - Pajarito
 - Sandia
 - Water



Map 19
Threemile Canyon
Aggregate Area SWMUs and AOCs

LOS ALAMOS NATIONAL LABORATORY
 AUGUST 14, 2005
 Map Version # 01000001_3
 Los Alamos National Laboratory
 Environmental Remediation and Surveillance Program
 Environmental Stewardship Division
 Los Alamos, New Mexico 87545
 Cartography: Miriam Oudizans

0 245 490 980
 Feet
 1:7,000
 State Plane Coordinate System
 New Mexico Central, US Feet
 North American Datum 1983



DATA SOURCES

LANL Technical Areas, Los Alamos National Laboratory, PM Site and Project Planning Group, 01 February 2003 as captured September 7, 2004

Powered Roads, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 06 January 2005

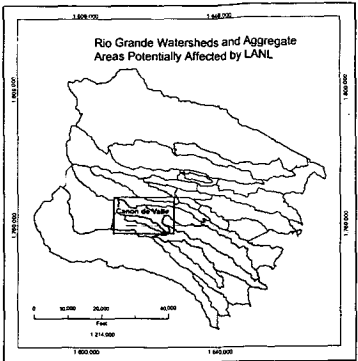
Potential Release Sites, Los Alamos National Laboratory, RRES Remediation Services Project, ER2003-0403, 1:2,500 Scale Data, 21 June 2000

Structures, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 09 January 2004, Development Edition of 22 June 2005

Watercourse, Los Alamos National Laboratory, ENVY Water Quality & Hydrology 05 April 2005

Watershed Aggregates, Los Alamos National Laboratory, RRES Remediation Services Project, Unknown publication date

Watersheds, Los Alamos National Laboratory, RRES Remediation Services Project, ER2004-00029, 1:2,500 Scale Data, 04 May 2004



Map 20
Cañon de Valle
Aggregate Area SWMUs and AOCs

LOS ALAMOS NATIONAL LABORATORY
 AUGUST 8, 2005
 Map Reference No. 150020V_1
 Los Alamos National Laboratory
 Environmental Remediation and Surveillance Program
 Environmental Stewardship Division
 Los Alamos, New Mexico 87545
 Cartography: Miriam Ouelgates

- Aggregate area SWMU/AOC
- Aggregate area administratively complete SWMU/AOC
- Other SWMU/AOC
- LANL Structure
- Cañon de Valle aggregate area
- Aggregate area
- Technical area boundary
- Water course
- Road, paved

- Watershed**
- Ancho
 - Chaquethi
 - Frijoles
 - Los Alamos
 - Mortandad
 - Papabito
 - Sandia
 - Water

NOTE:

SWMU 15-004(e) consists of an inactive firing site that was reportedly used to conduct two test explosions in 1944. The site was identified in a historical document and was referred to as "The Cube." The location of this site was described as approximately one mile below R-Site, but the precise location is unknown.

SWMU 15-012(a) was initially identified as a reported operational release of sodium pump oil. However, no information as to the location of the SWMU or to a structure associated with the SWMU was provided with the initial SWMU description.

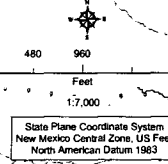
Consolidated SWMU 15-014(a)-(c) consists of former SWMUs 15-014(a) and 15-014(b), which are outfalls associated with a laboratory and office building (Building 15-18) located in the southwest corner of TA-15.

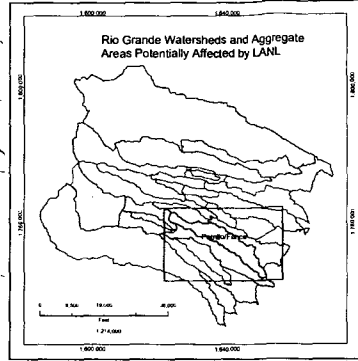
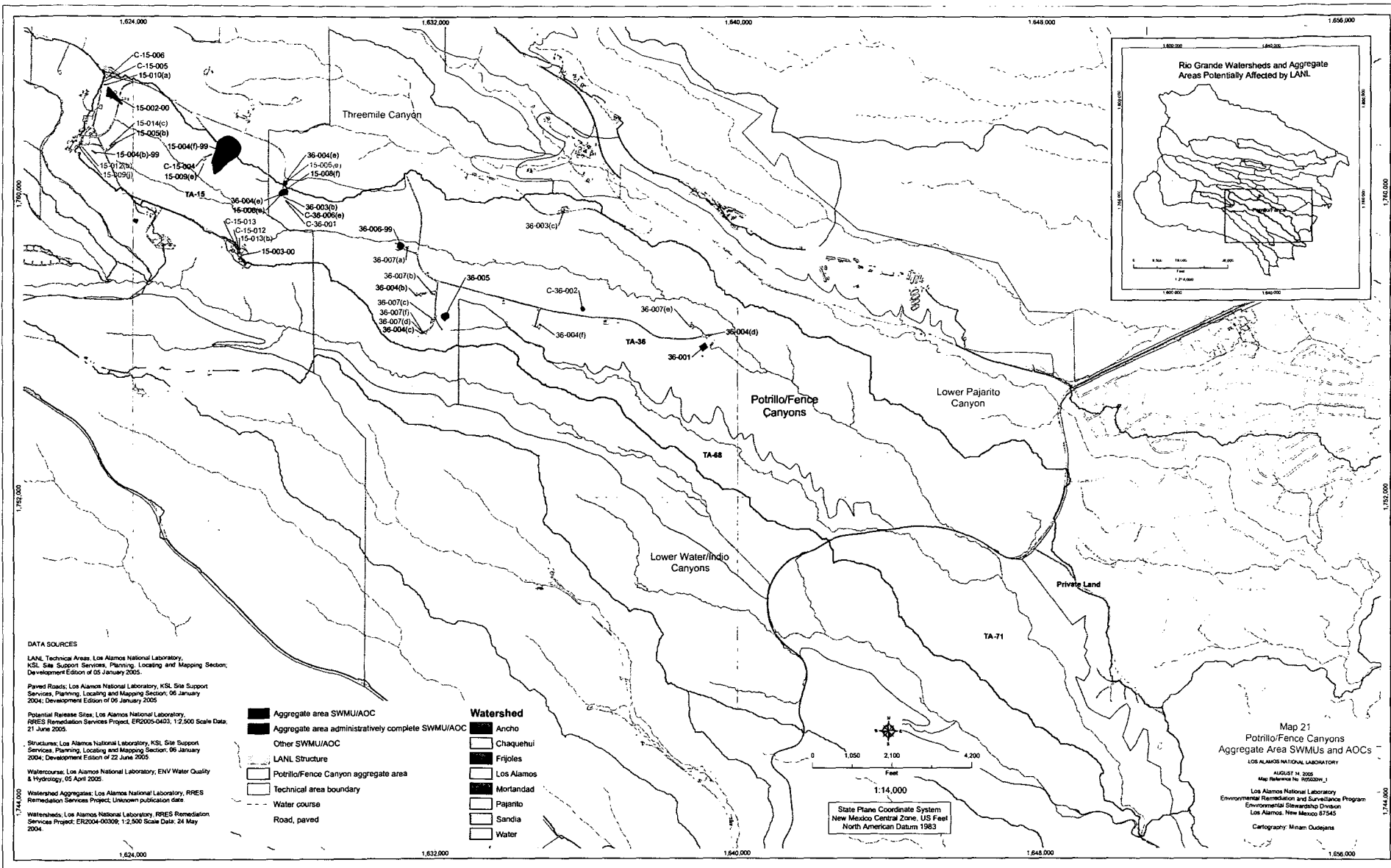
SWMU 15-007(b), a surface disposal unit, has no spatial information and is designated as "non-existent." The SWMU is administratively complete.

SWMU 15-025(a), an incinerator, has no spatial information and is designated as "non-existent." The SWMU is administratively complete.

SWMU 16-007, an aboveground tank, has no spatial information and is designated as "non-existent." The SWMU is administratively complete.

SWMU C-15-072, a tank, has no spatial information and is designated as "non-existent." The SWMU is administratively complete.





DATA SOURCES

LANL Technical Areas: Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, Development Edition of 05 January 2005.

Paved Roads: Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004; Development Edition of 06 January 2005.

Potential Release Sites: Los Alamos National Laboratory, RRES Remediation Services Project, ER0005-0402, 1:2,500 Scale Data, 21 June 2005.

Structures: Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004; Development Edition of 22 June 2005.

Watercourses: Los Alamos National Laboratory, ENV Water Quality & Hydrology, 05 April 2005.

Watershed Aggregates: Los Alamos National Laboratory, RRES Remediation Services Project, Unknown publication date.

Watersheds: Los Alamos National Laboratory, RRES Remediation Services Project, ER2004-00309, 1:2,500 Scale Data, 24 May 2004.

- Aggregate area SWMU/AOC
- Aggregate area administratively complete SWMU/AOC
- Other SWMU/AOC
- LANL Structure
- Potrillo/Fence Canyon aggregate area
- Technical area boundary
- Water course
- Road, paved

- Watershed**
- Ancho
 - Chaquehul
 - Frijoles
 - Los Alamos
 - Mortandad
 - Pajarito
 - Sandia
 - Water

0 1,050 2,100 4,200
Feet

1:14,000

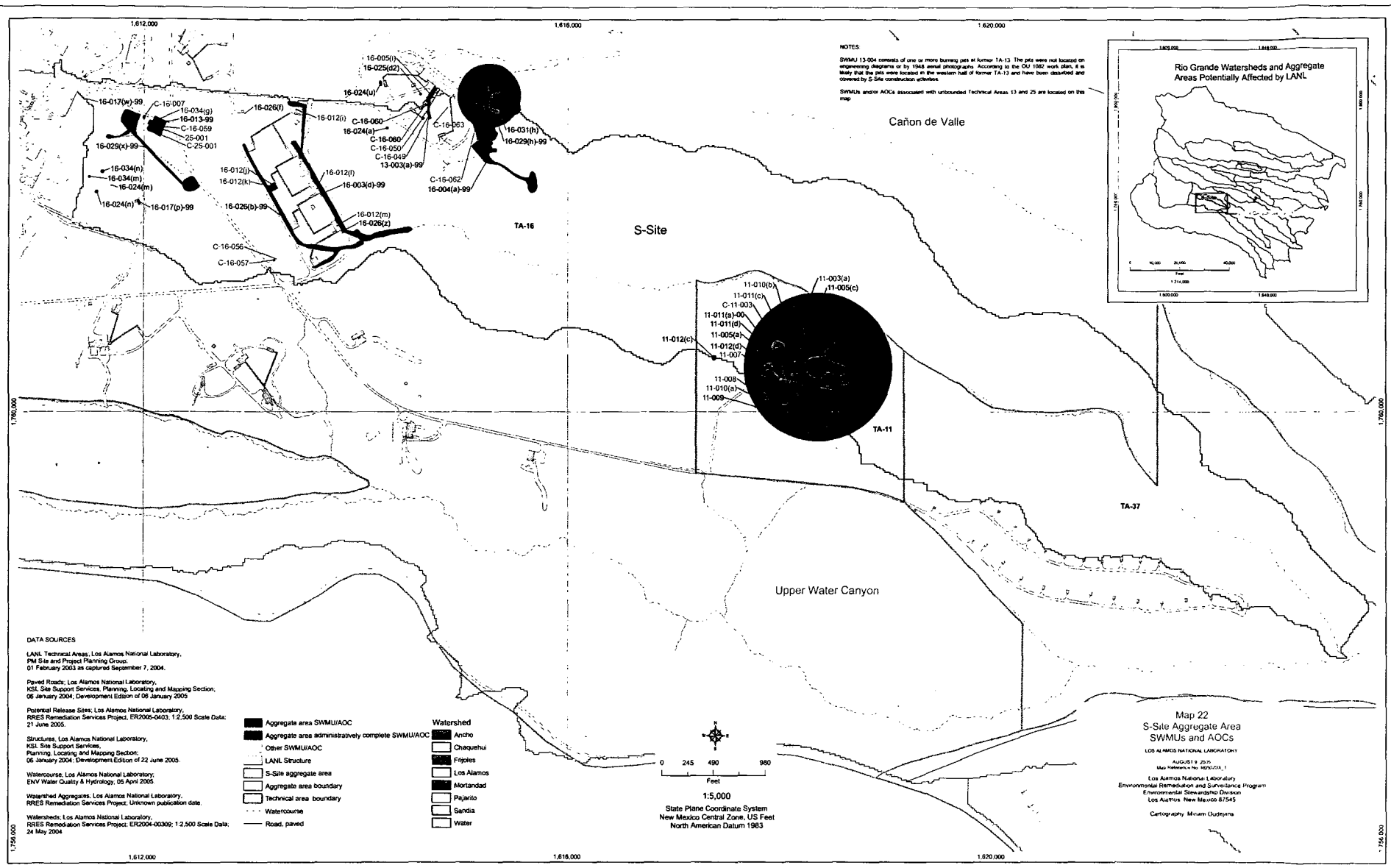
State Plane Coordinate System
New Mexico Central Zone, US Feet
North American Datum 1983

Map 21
Potrillo/Fence Canyons
Aggregate Area SWMUs and AOCs

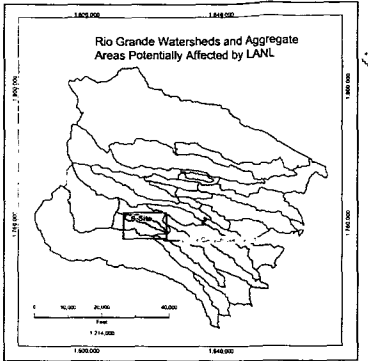
LOS ALAMOS NATIONAL LABORATORY
REVISION 14, 2005
Map Reference No. 20050201_1

Los Alamos National Laboratory
Environmental Remediation and Surveillance Program
Environmental Stewardship Division
Los Alamos, New Mexico 87545

Cartography: Miriam Oudejans



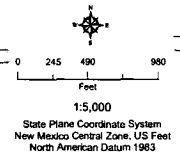
NOTES
 SWMU 13-004 consists of one or more burning pits at former TA-13. The pits were not located on engineering diagrams or by 1946 aerial photographs. According to the OUI 1082 work plan, it is likely that the pits were located in the western half of former TA-13 and have been described and covered by S-Site construction activities.
 SWMUs and/or AOCs associated with unbounded Technical Areas 13 and 25 are located on this map.



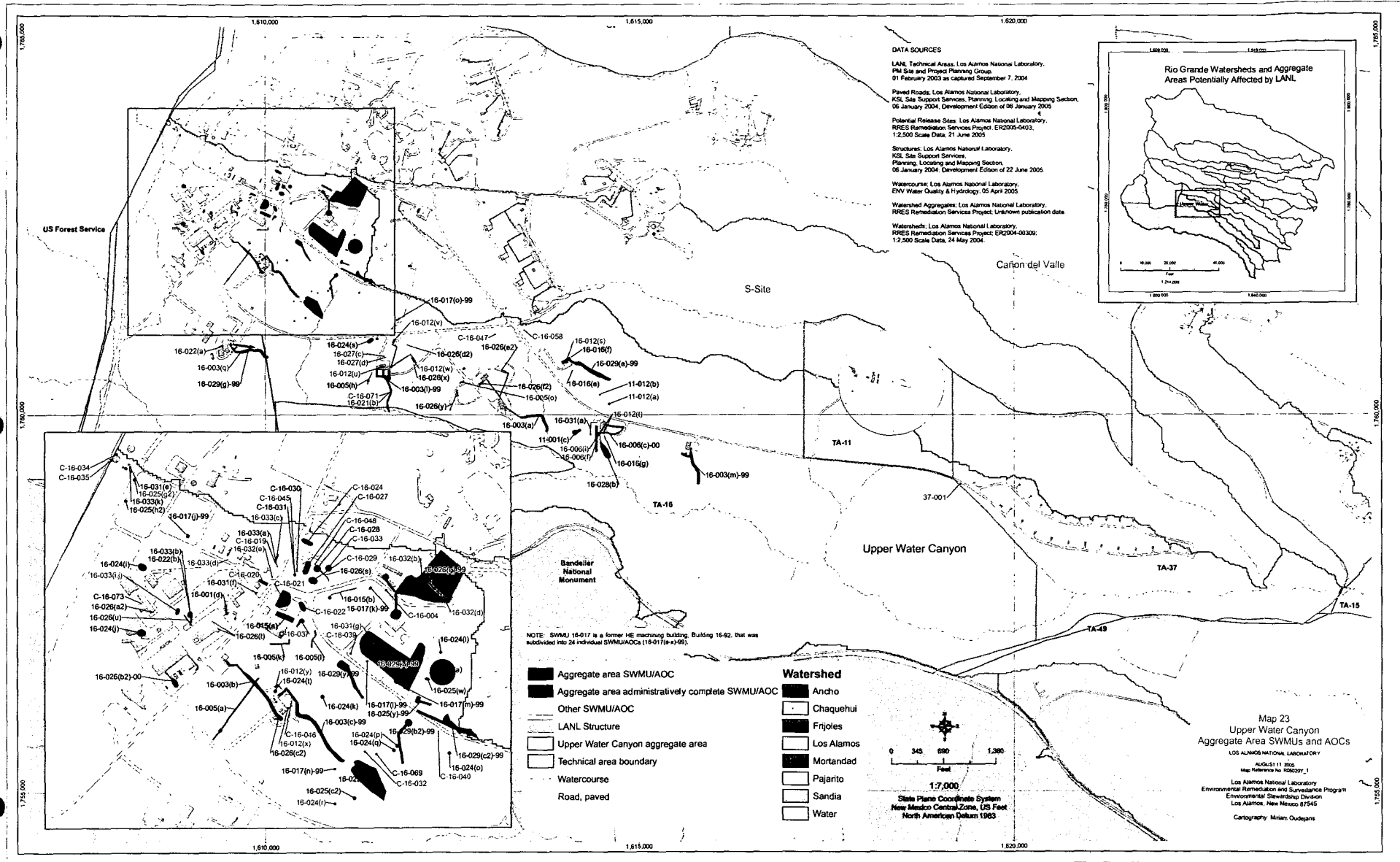
DATA SOURCES
 LANL Technical Areas, Los Alamos National Laboratory, PM Site and Project Planning Group, 01 February 2003 as captured September 7, 2004.
 Paved Roads, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 06 January 2005.
 Potential Release Sites, Los Alamos National Laboratory, RRES Remediation Services Project, ER2005-0403, 1:2,500 Scale Data, 21 June 2005.
 Structures, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 22 June 2005.
 Watercourses, Los Alamos National Laboratory, ENV Water Quality & Hydrology, 05 April 2005.
 Watershed Aggregates, Los Alamos National Laboratory, RRES Remediation Services Project, Unknown publication date.
 Watersheds, Los Alamos National Laboratory, RRES Remediation Services Project, ER2004-00309, 1:2,500 Scale Data, 24 May 2004.

- Aggregate area SWMU/AOC
- Aggregate area administratively complete SWMU/AOC
- Other SWMU/AOC
- LANL Structure
- S-Site aggregate area
- Aggregate area boundary
- Technical area boundary
- Watercourse
- Road, paved

- Watershed
- Ancho
- Chaquethi
- Frijoles
- Los Alamos
- Morlandad
- Pajarito
- Sandia
- Water



Map 22
 S-Site Aggregate Area
 SWMUs and AOCs
 LOS ALAMOS NATIONAL LABORATORY
 AUGUST 8, 2005
 Map Number: NEX/22A.1
 Los Alamos National Laboratory
 Environmental Remediation and Surveillance Program
 Environmental Stewardship Division
 Los Alamos, New Mexico 87545
 Cartography: Miriam Ouedjima



DATA SOURCES

LANL Technical Areas: Los Alamos National Laboratory, PM Site and Project Planning Group, 01 February 2003 as captured September 7, 2004

Paved Roads: Los Alamos National Laboratory, KS, Site Support Services, Planning, Locating and Mapping Section, 05 January 2004, Development Edition of 05 January 2005

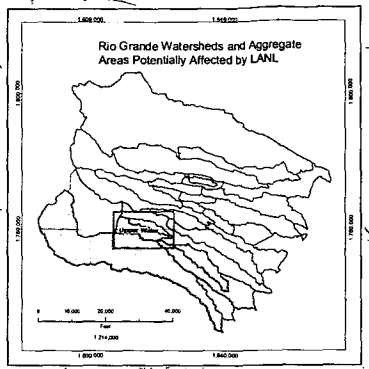
Potential Release Sites: Los Alamos National Laboratory, RRES Remediation Services Project, ER2005-0403, 1:2,500 Scale Data, 21 June 2005

Structures: Los Alamos National Laboratory, KS, Site Support Services, Planning, Locating and Mapping Section, 05 January 2004, Development Edition of 22 June 2005

Watercourse: Los Alamos National Laboratory, ERM Water Quality & Hydrology, 05 April 2005

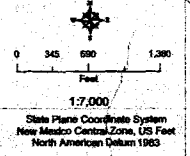
Watershed Aggregate: Los Alamos National Laboratory, RRES Remediation Services Project, Unknown publication date

Watersheds: Los Alamos National Laboratory, RRES Remediation Services Project, ER2004-00309, 1:2,500 Scale Data, 24 May 2004

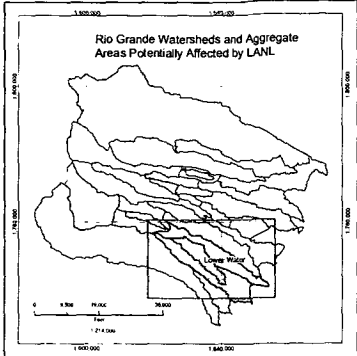
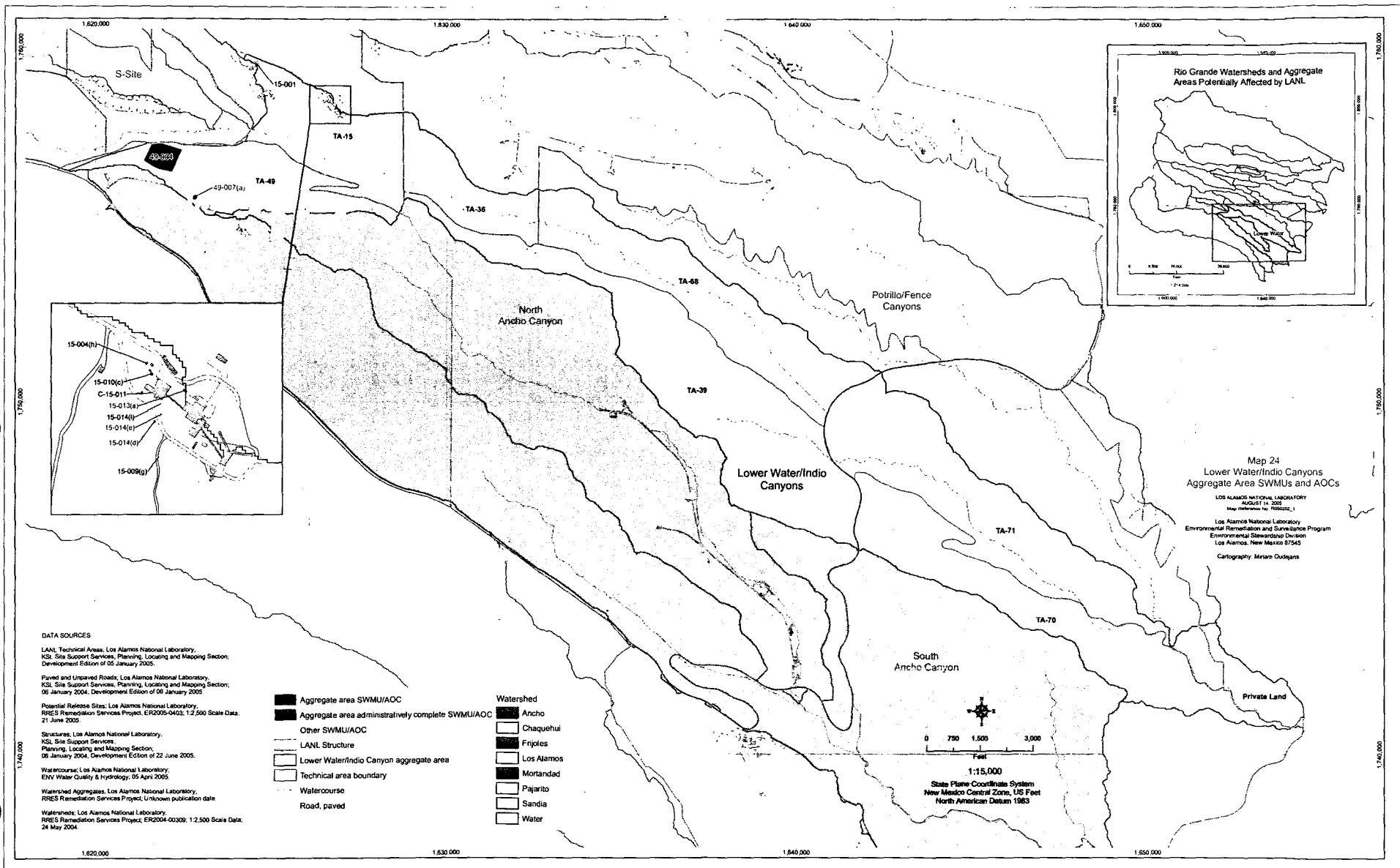


NOTE: SWMU 16-017 is a former HE machining building, Building 16-82, that was subdivided into 24 individual SWMU/AOCs (16-017(a-x)99).

- | | |
|---|------------|
| Aggregate area SWMU/AOC | Ancho |
| Aggregate area administratively complete SWMU/AOC | Chaquehui |
| Other SWMU/AOC | Frijoles |
| LANL Structure | Los Alamos |
| Upper Water Canyon aggregate area | Mortandad |
| Technical area boundary | Pajarito |
| Watercourse | Sandia |
| Road, paved | Water |



Map 23
Upper Water Canyon
Aggregate Area SWMUs and AOCs
LOS ALAMOS NATIONAL LABORATORY
AUGUST 11 2005
Map Reference No. RRS2007_1
Los Alamos National Laboratory
Environmental Remediation and Surveillance Program
Environmental Stewardship Division
Los Alamos, New Mexico 87545
Cartography: Minan Oudejans

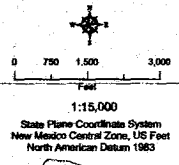


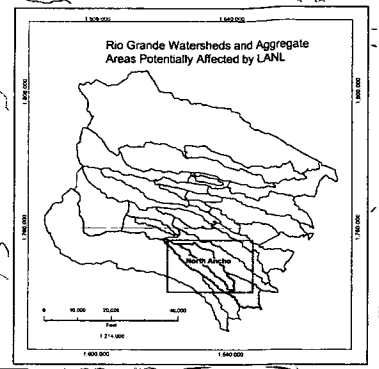
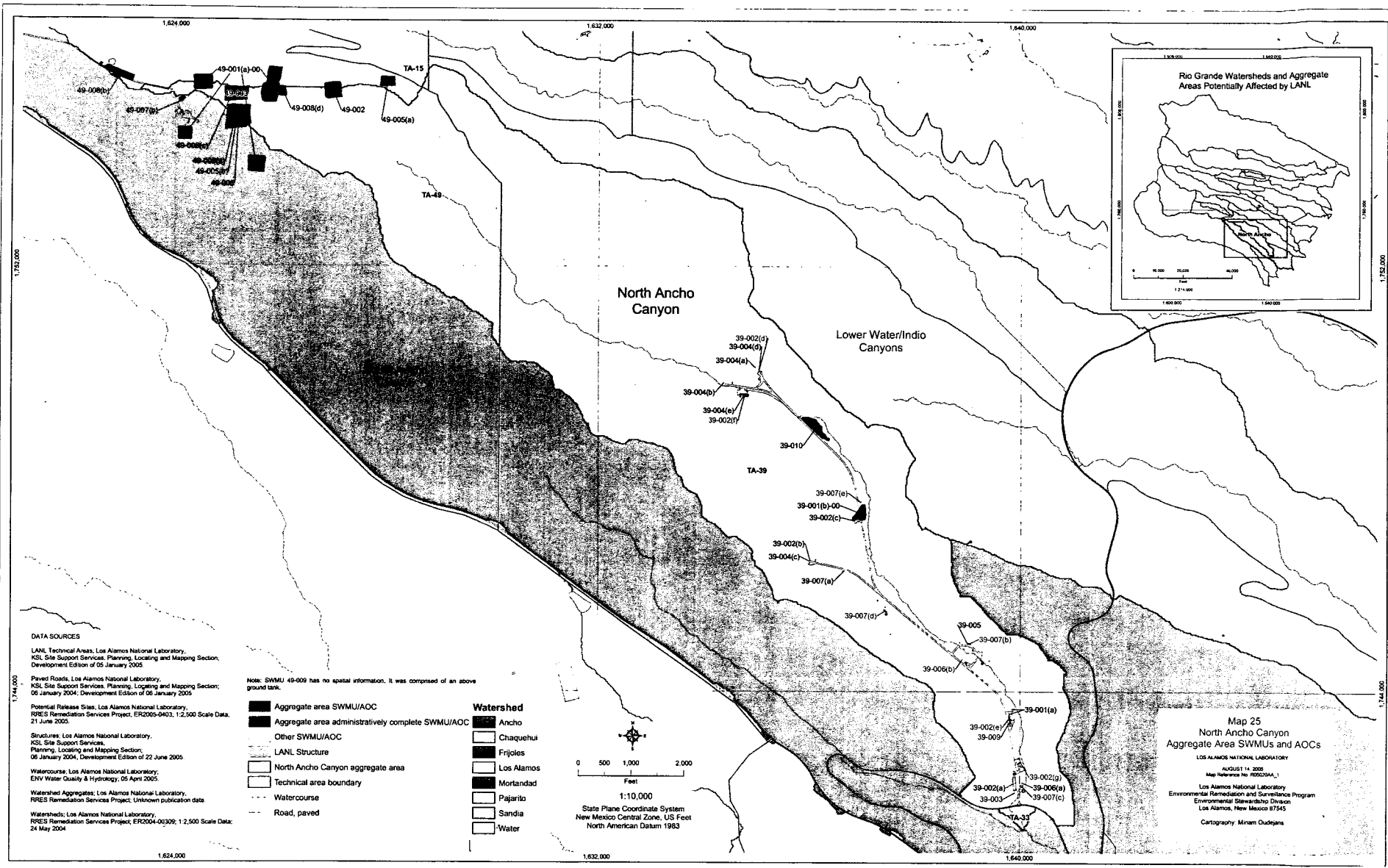
Map 24
 Lower Water/Indio Canyons
 Aggregate Area SWMUs and AOCs
 LOS ALAMOS NATIONAL LABORATORY
 August 14, 2005
 Map Reference No. R050202_1
 Los Alamos National Laboratory
 Environmental Remediation and Surveillance Program
 Environmental Stewardship Division
 Los Alamos, New Mexico 87545
 Cartography: Miriam Oudejans

DATA SOURCES

LANL Technical Areas, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, Development Edition of 05 January 2005.
 Paved and Unpaved Roads, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 06 January 2005.
 Potential Release Sites, Los Alamos National Laboratory, RRES Remediation Services Project, ER2005-0403, 1:2,500 Scale Data, 21 June 2005.
 Structures, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 22 June 2005.
 Watercourses, Los Alamos National Laboratory, ENV Water Quality & Hydrology, 05 April 2005.
 Watershed Aggregates, Los Alamos National Laboratory, RRES Remediation Services Project, Unknown publication date.
 Watersheds, Los Alamos National Laboratory, RRES Remediation Services Project, ER2004-00309, 1:2,500 Scale Data, 24 May 2004.

- | | |
|---|------------|
| Aggregate area SWMU/AOC | Ancho |
| Aggregate area administratively complete SWMU/AOC | Chaquehui |
| Other SWMU/AOC | Frijoles |
| LANL Structure | Los Alamos |
| Lower Water/Indio Canyon aggregate area | Mortandad |
| Technical area boundary | Pajarito |
| Watercourse | Sandia |
| Road, paved | Water |





DATA SOURCES

LANL Technical Areas, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, Development Edition of 05 January 2005

Paved Roads, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 06 January 2005

Potential Release Sites, Los Alamos National Laboratory, RRES Remediation Services Project, ER2005-0403, 1:2,500 Scale Data, 21 June 2005

Structures, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 22 June 2005

Watercourse, Los Alamos National Laboratory, ENV Water Quality & Hydrology, 05 April 2005

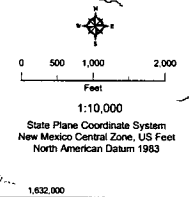
Watershed Aggregates, Los Alamos National Laboratory, RRES Remediation Services Project, Unknown publication date

Watersheds, Los Alamos National Laboratory, RRES Remediation Services Project, ER2004-00309, 1:2,500 Scale Data, 24 May 2004

Note: SWMU 49-009 has no spatial information. It was composed of an above ground tank.

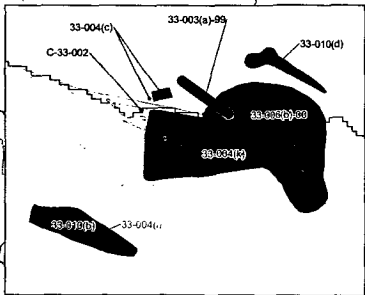
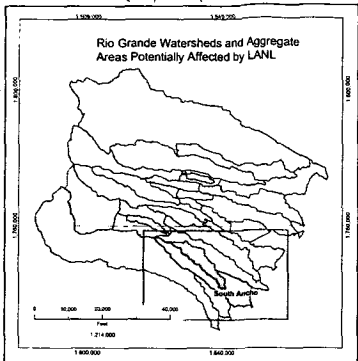
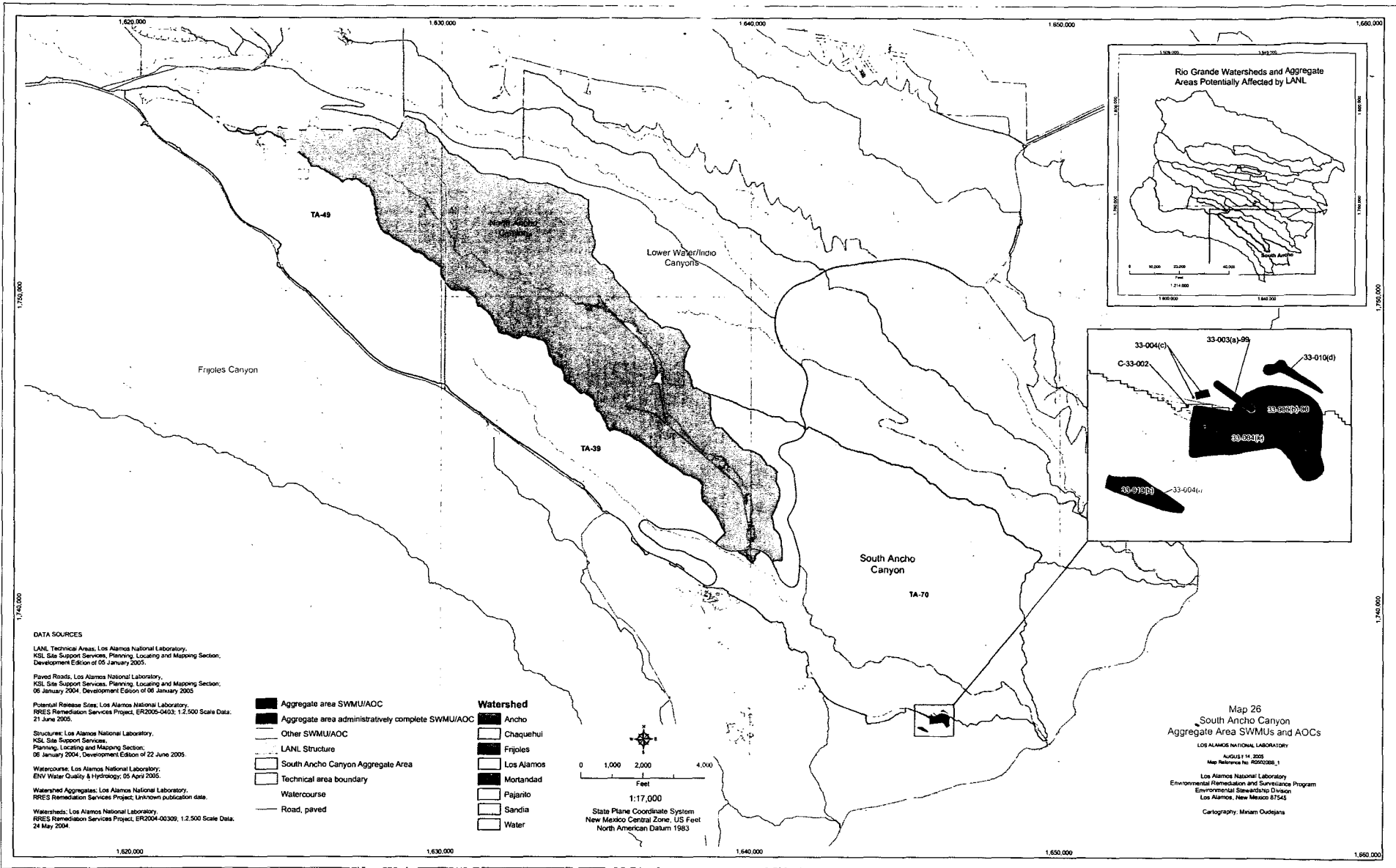
- Aggregate area SWMU/AOC
- Aggregate area administratively complete SWMU/AOC
- Other SWMU/AOC
- LANL Structure
- North Ancho Canyon aggregate area
- Technical area boundary
- Watercourse
- Road, paved

- Watershed**
- Ancho
 - Chaquehuiti
 - Frijoles
 - Los Alamos
 - Mortandad
 - Pajarito
 - Sandia
 - Water



Map 25
North Ancho Canyon
Aggregate Area SWMUs and AOCs

LOS ALAMOS NATIONAL LABORATORY
 AUGUST 14, 2002
 Map Reference No. RES2002M_1
 Los Alamos National Laboratory
 Environmental Remediation and Surveillance Program
 Environmental Stewardship Division
 Los Alamos, New Mexico 87545
 Cartography: Miriam Oudejans



DATA SOURCES

LANL Technical Areas, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, Development Edition of 05 January 2005.

Paved Roads, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 06 January 2005

Potential Release Sites, Los Alamos National Laboratory, RRES Remediation Services Project, ER2005-0403, 1:2,500 Scale Data, 21 June 2005.

Structures, Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 22 June 2005.

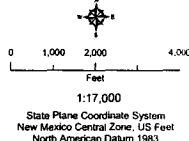
Watercourse, Los Alamos National Laboratory, ENV Water Quality & Hydrology, 05 April 2005.

Watershed Aggregates, Los Alamos National Laboratory, RRES Remediation Services Project, Unknown publication date.

Watersheds, Los Alamos National Laboratory, RRES Remediation Services Project, ER2004-00309, 1:2,500 Scale Data, 24 May 2004.

- Aggregate area SWMU/AOC
- Aggregate area administratively complete SWMU/AOC
- Other SWMU/AOC
- LANL Structure
- South Ancho Canyon Aggregate Area
- Technical area boundary
- Watercourse
- Road, paved

- Watershed**
- Ancho
 - Chaquehul
 - Frijoles
 - Los Alamos
 - Mortandad
 - Pajarito
 - Sandia
 - Water



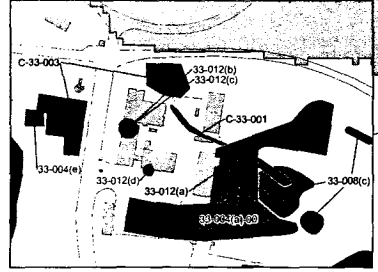
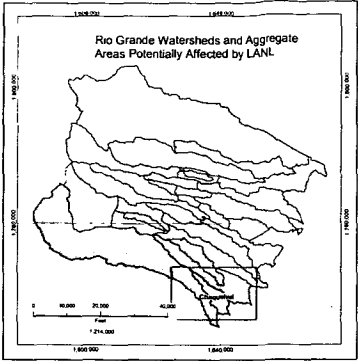
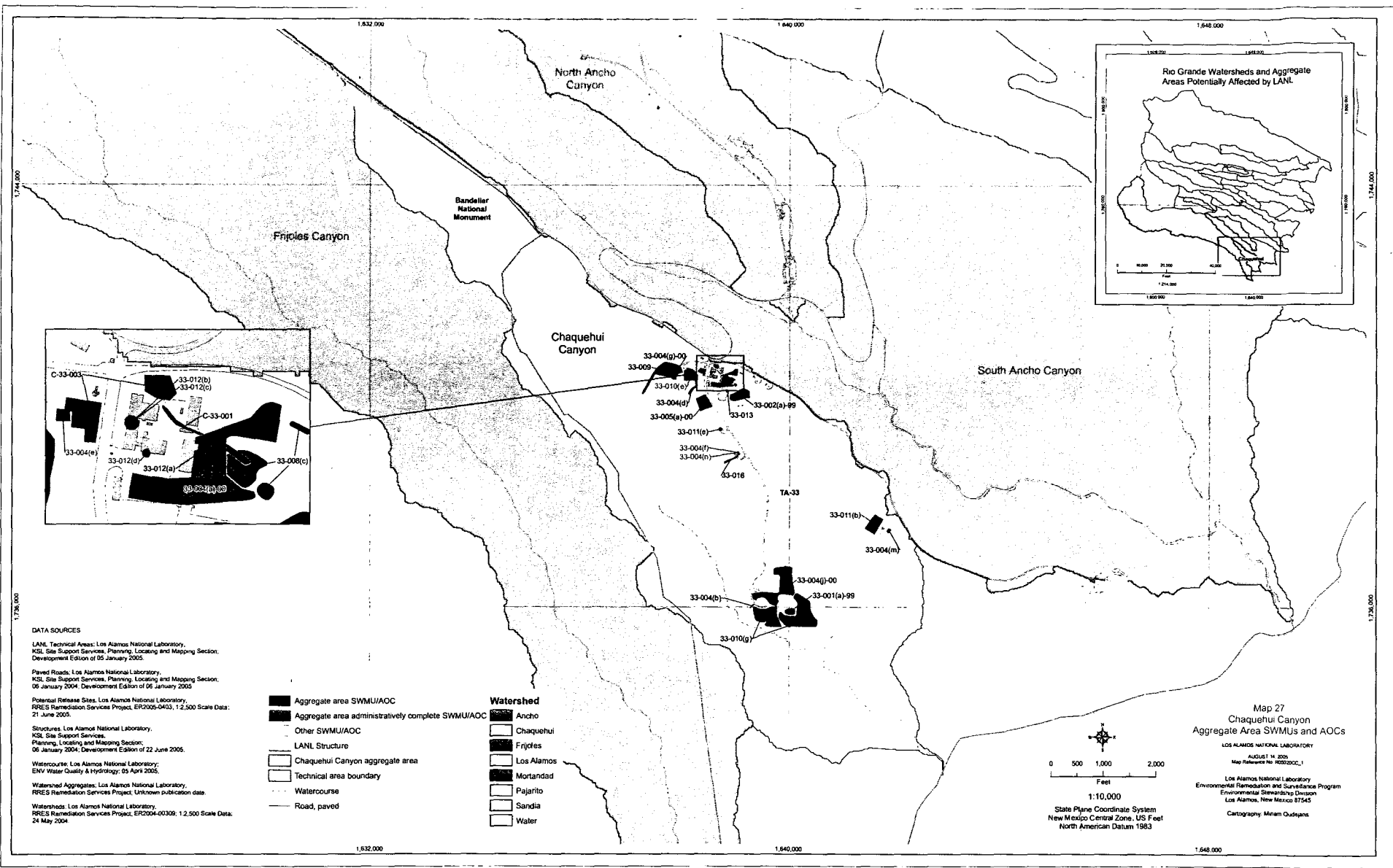
Map 26
South Ancho Canyon
Aggregate Area SWMUs and AOCs

LOS ALAMOS NATIONAL LABORATORY

AUGUST 14, 2005
Map Reference No. R0002008_1

Los Alamos National Laboratory
Environmental Remediation and Surveillance Program
Environmental Stewardship Division
Los Alamos, New Mexico 87545

Cartography: Manan Oudejans



DATA SOURCES

LANL Technical Areas: Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, Development Edition of 05 January 2005.

Paved Roads: Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 06 January 2005.


















Potential Release Sites: Los Alamos National Laboratory, RRES Remediation Services Project, ER2005-0403, 1:2,500 Scale Data: 21 June 2005.

Structures: Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 22 June 2005.

Watercourse: Los Alamos National Laboratory, ENW Water Quality & Hydrology: 05 April 2005.

Watershed Aggregates: Los Alamos National Laboratory, RRES Remediation Services Project, Unknown publication date.

Watersheds: Los Alamos National Laboratory, RRES Remediation Services Project, ER2004-00309, 1:2,500 Scale Data: 24 May 2004.

- | | | | |
|---|---|---|------------------|
|  | Aggregate area SWMU/AOC |  | Watershed |
|  | Aggregate area administratively complete SWMU/AOC |  | Ancho |
|  | Other SWMU/AOC |  | Chaquehui |
|  | LANL Structure |  | Frijoles |
|  | Chaquehui Canyon aggregate area |  | Los Alamos |
|  | Technical area boundary |  | Mortandad |
|  | Watercourse |  | Pajarito |
|  | Road, paved |  | Sandia |
| | |  | Water |

0 500 1,000 2,000
Feet

1:10,000

State Plane Coordinate System
New Mexico Central Zone, US Feet
North American Datum 1983

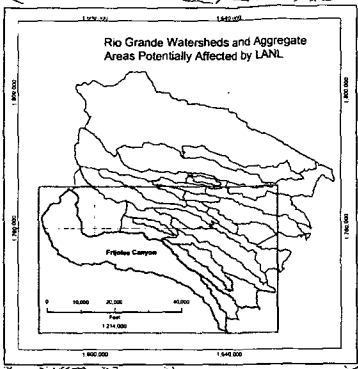
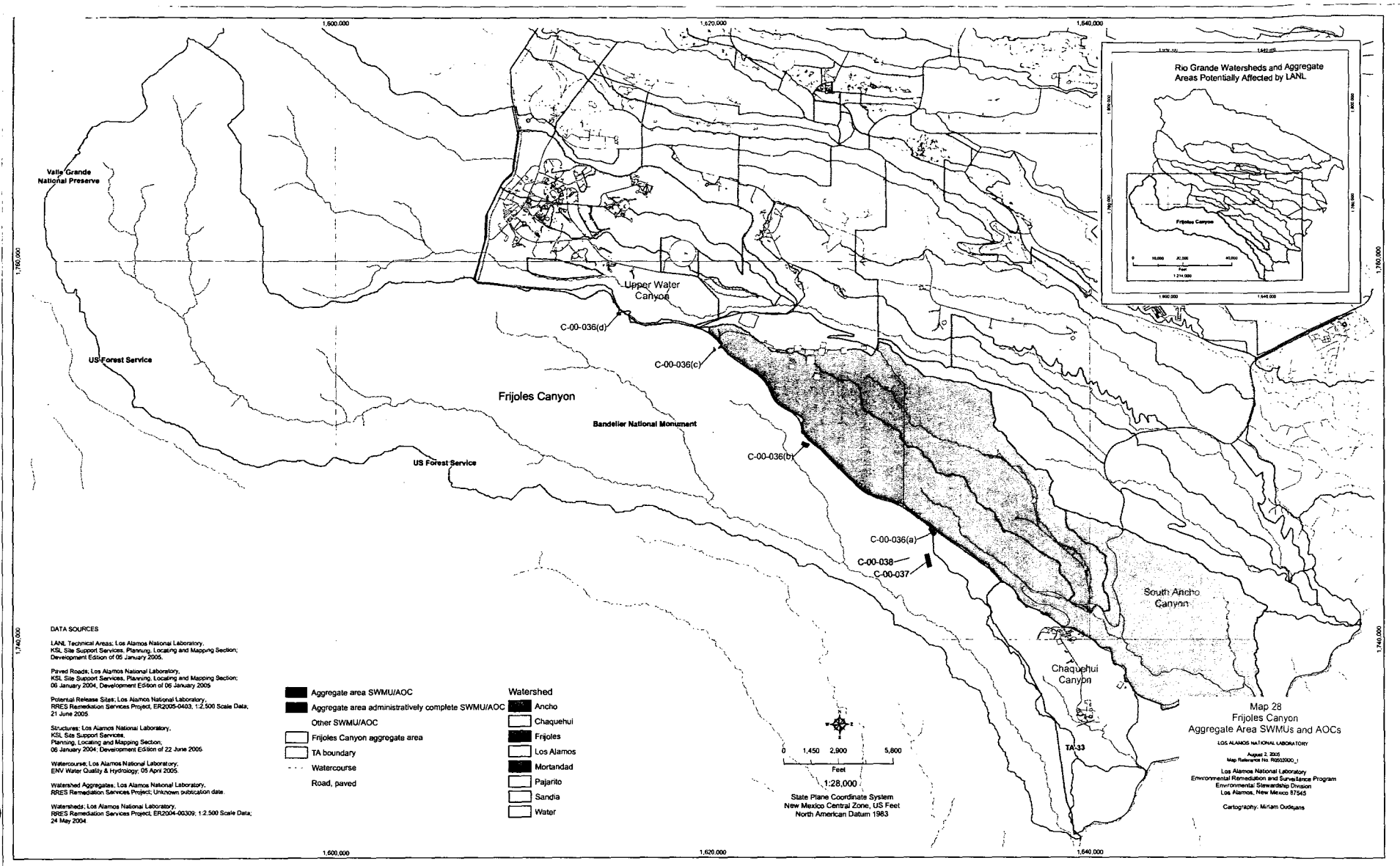
Map 27
Chaquehui Canyon
Aggregate Area SWMUs and AOCs

LOS ALAMOS NATIONAL LABORATORY

AUGUST 14, 2005
Map Reference No. H052002C_1

Los Alamos National Laboratory
Environmental Remediation and Surveillance Program
Environmental Stewardship Division
Los Alamos, New Mexico 87545

Cartography: Miriam Oudejans



DATA SOURCES

LANL Technical Areas; Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section; Development Edition of 06 January 2005.

Paved Roads; Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section; 06 January 2004, Development Edition of 06 January 2005.

Potential Release Sites; Los Alamos National Laboratory, RRES Remediation Services Project, ER2005-0403, 1:2,500 Scale Data, 21 June 2005.

Structures; Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section; 06 January 2004, Development Edition of 22 June 2005.

Watercourse; Los Alamos National Laboratory, ENV Water Quality & Hydrology, 05 April 2005.

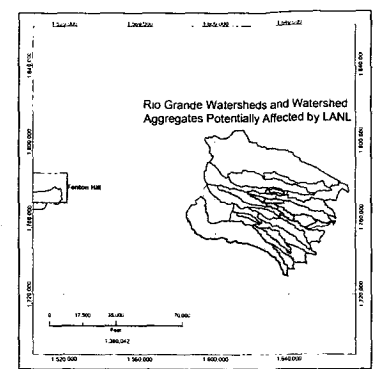
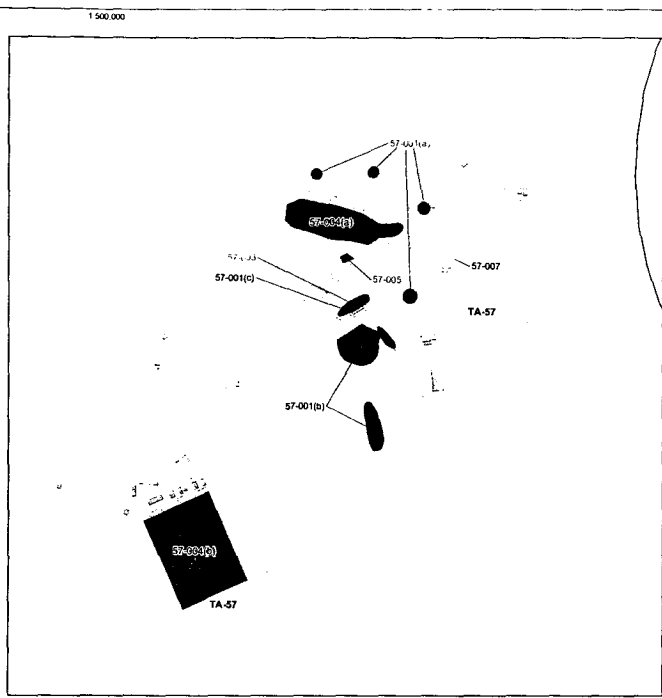
Watershed Aggregates; Los Alamos National Laboratory, RRES Remediation Services Project; Unknown publication date.

Watersheds; Los Alamos National Laboratory, RRES Remediation Services Project, ER2004-00309, 1:2,500 Scale Data; 24 May 2004.

- | | |
|---|------------|
| Aggregate area SWMU/AOC | Watershed |
| Aggregate area administratively complete SWMU/AOC | Ancho |
| Other SWMU/AOC | Chaquehui |
| Frijoles Canyon aggregate area | Frijoles |
| TA boundary | Los Alamos |
| Watercourse | Mortandad |
| Road, paved | Pajarito |
| | Sandia |
| | Water |

0 1,450 2,900 5,800
Feet
1:28,000
State Plane Coordinate System
New Mexico Central Zone, US Feet
North American Datum 1983

Map 28
Frijoles Canyon
Aggregate Area SWMUs and AOCs
LOS ALAMOS NATIONAL LABORATORY
August 2, 2005
Map Reference No. R2050300_1
Los Alamos National Laboratory
Environmental Remediation and Surveillance Program
Environmental Stewardship Division
Los Alamos, New Mexico 87545
Cartography: M'Liam Outgates



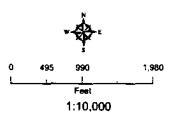
NOTES

The aggregate area is disjunct from the other aggregate areas of the Rio Grande watershed.
 57-006 was a 55-gallon drum. The drum and its contents were removed in 1994.

DATA SOURCES

- LANL Technical Areas; Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, Development Edition of 05 January 2005.
- Paved Roads; Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 06 January 2005.
- Potential Release Sites; Los Alamos National Laboratory, RRES Remediation Services Project, ER2006-0403, 1:2,500 Scale Data, 21 June 2005.
- Structures; Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section, 06 January 2004, Development Edition of 22 June 2005.
- Watercourse; Los Alamos National Laboratory, ENV Water Quality & Hydrology, 05 April 2005.
- Watershed Aggregates; Los Alamos National Laboratory, RRES Remediation Services Project, Unknown publication date.
- Watersheds; Los Alamos National Laboratory, RRES Remediation Services Project, ER2004-00309, 1:2,500 Scale Data, 24 May 2004.

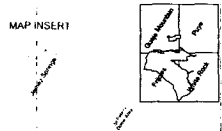
- Aggregate area SWMU/AOC
- Aggregate area administratively complete SWMU/AOC
- Other SWMU/AOC
- LANL Structure
- DOE/NNSA leased property
- Road
- Dirt road



State Plane Coordinate System
 New Mexico Central Zone, US Feet
 North American Datum 1983

US Forest Service

INDEX MAP



MAP INSERT

Map 29
 TA-57 (Fenton Hill)
 Aggregate Area SWMUs and AOCs
 LOS ALAMOS NATIONAL LABORATORY
 AUGUST 15, 2005
 Map Reference No. R000368_1
 Los Alamos National Laboratory
 Environmental Remediation and Surveillance Program
 Environmental Stewardship Division
 Los Alamos, New Mexico 87545
 Cartography: Minam Oudayans

Los Alamos National Laboratory site in reference to US Geological Survey 1:24,000 topographic map series quadrangles.

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