

COMMUNITY RELATIONS PLAN

VERSION 1

FORT WINGATE DEPOT ACTIVITY
McKinley County, New Mexico

29 August 2006



Requests for this document must be referred to:
Commander, U.S. Corps of Engineers
Fort Worth District
Attn: CESWF-PER-DI (Beverly Post)
819 Taylor Street
Room 3A12
Fort Worth, TX 76112

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29 August 2006

**Contract No. W9126G-05-D-0023
Task Order No. 0001**

Prepared for:

**U.S. Army Corps of Engineers
Fort Worth, Texas**



Prepared by:

Terranear^{PM}MC

Whiteland Business Park
835 Springdale Drive
Suite 201
Exton, PA 19341-2843

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3	AE	Ammunition and Explosives
4	AIRFA	American Indian Religious Freedom Act of 1978
5	AOC	Area of Concern
6	APE	Area of Potential Effect
7	ARPA	Archaeological Resources Protection Act of 1979
8	ASR	Archive Search Report
9	BCT	BRAC Cleanup Team
10	BEC	BRAC Environmental Coordinator
11	BIA	Bureau of Indian Affairs
12	BLM	Bureau of Land Management
13	BRAC	Base Realignment and Closure
14	BRACD	BRAC Office
15	CA	Comprehensive Agreement
16	CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
17		
18	CMI	Corrective Measures Implementation.
19	CMS	Corrective Measures Study
20	CRAS	Cultural Resource Assessment Survey
21	CRMP	Cultural Resources Management Program
22	DMM	Discarded Military Munitions
23	DOD	Department of Defense
24	DOI	Department of the Interior
25	DVD	Digital Video Disc
26	EHSI	Environmental Hazards Specialists International
27	ESS	Explosive Safety Submission
28	FWDA	Fort Wingate Depot Activity
29	FWLC	Fort Wingate Launch Complex
30	HWB	Hazardous Waste Bureau
31	HWMU	Hazardous Waste Management Unit
32	IBD	Inhabited Building Distance
33	ICRMP	Integrated Cultural Resources Management Program
34	MC	Munitions Constituents
35	MD	Munitions Debris
36	MDA	Missile Defense Agency
37	MEC	Munitions and Explosives of Concern
38	MMRP	Military Munitions Response Program
39	MOA	Memorandum of Agreement
40	MOU	Memorandum of Understanding
41	MPPEH	Materials Potentially Presenting an Explosive Hazard
42	NAGPRA	Native American Graves Protection and Repatriation Act of 1990
43		
44	NALEMP	Native American Lands Environmental Mitigation Program
45	NATHPO	National Association of Tribal Historic Preservation Officers
46	NEJAC	National Environmental Justice Advisory Council

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1	NEPA	National Environmental Policy Act of 1969
2	NHPA	National Historic Preservation Act of 1966
3	NMED	New Mexico Environmental Department
4	OB/OD	Open Burning/Open Detonation
5	PA	Programmatic Agreement
6	PES	Potential Explosion Site
7	PIRP	Public Involvement and Response Plan
8	PTRD	Public Traffic Route Distance
9	RAB	Restoration Advisory Board
10	RCRA	Resource Conservation and Recovery Act
11	RDAS	Rocket Data Acquisition Summary
12	RFA	RCRA Facility Assessment
13	RFI	RCRA Facility Investigation
14	SHPO	State Historic Preservation Officer
15	SWMU	Solid Waste Management Unit
16	TAPP	Technical Assistance for Public Participation
17	TCP	Traditional Cultural Property
18	TEAD	Tooele Army Depot
19	THPO	Tribal Historic Preservation Officer
20	TPL	TPL, Inc.
21	USACE	U.S. Army Corps of Engineers
22	USEPA	U.S. Environmental Protection Agency
23	UXO	Unexploded Ordnance

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1 GLOSSARY

2 **Administrative Record:** The administrative record is a library of documents consisting
3 of information regarding activities such as remedial actions, interim response actions
4 (i.e., removal actions), corrective measures, interim measures, RCRA permit, or
5 approved RCRA closure plan.

6 **Authority:** Legal jurisdiction enabling a governmental agency to administer and
7 implement federal, state or Tribal laws and regulations.

8 **Base Realignment and Closure Act of 1988 (BRAC):** A federal law that reduces
9 Department of Defense assets by closing or transferring military installations, including
10 FWDA.

11 **Cleanup:** Cleanup refers to the actions taken to mitigate a release or threat of release
12 of a hazardous substance that could affect humans and/or the environment. This term
13 is used interchangeably with other terms such as remediation, remedial action, removal
14 action, or corrective action.

15 **Closure:** Actions taken to reduce the human health and environmental threats posed
16 by a hazardous waste treatment, storage and/or disposal facility or unit (along with its
17 structures and contiguous land) after the facility or unit has received its final volume of
18 hazardous waste. Use of the word closure also includes actions necessary for the
19 facility or unit to meet post closure requirements.

20 **Community Relations Plan (CRP):** A public document that provides information on
21 public participation opportunities and information resources. The CRP also encourages
22 and ensures two-way communication between and affected community and the public
23 agency overseeing the site cleanup.

24 **Comprehensive Environmental Response, Compensation and Liability Act**
25 **(CERCLA):** A federal law, often called Superfund, enacted by Congress in 1980 and
26 modified in 1986 by the Superfund Amendments and Reauthorization Act, which
27 provides the statutory authority for cleanup of hazardous substances, resulting from
28 past practices, that could endanger public health or welfare or the environment.

29 **Contamination:** Contamination is the presence of any physical, chemical, biological, or
30 radiological substance in an environmental media such as soil, ground water, or surface
31 water, at sufficient concentration to be hazardous to human health.

32 **Corrective Action:** The RCRA processes of interim and corrective measures. See
33 definitions for Interim Measure and Corrective Measure.

34 **Corrective Measure:** An action taken under RCRA authority to permanently resolve a
35 hazardous waste release or to significantly reduce the potential for a future release from
36 a unit or group of units.

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- 1 **Corrective Measures Implementation (CMI):** The step in RCRA process in which a
2 corrective measure system is designed and implemented; comparable to the Remedial
3 Design and Remedial Action phases of the CERCLA process.
- 4 **Corrective Measures Study (CMS):** The RCRA process in which alternatives for a
5 corrective measure system are investigated and screened; comparable to the Feasibility
6 Study phase of the CERCLA process.
- 7 **Feasibility Study (FS):** The step in the CERCLA process in which alternatives for a
8 remedial action system are investigated and screened.
- 9 **Ground Water:** Ground water is water beneath the earth's surface, present in the
10 pores and fractures of soil and rock. If the ground water is of sufficient quality and
11 quantity, it may be used as a source of drinking water or for irrigation.
- 12 **Hazardous Substance:** A hazardous substance is any material that, because of its
13 quantity, concentration, or physical or chemical characteristics, poses a significant
14 present or potential future hazard to human health and safety or to the environment.
- 15 **Information Repository:** A place where current information, technical reports and
16 reference documents concerning an IRP site are stored. The information repository,
17 usually in a public library near the installation, is available for public access and review.
- 18 **Installation Action Plan (IAP):** A plan which outlines the total multi-year integrated,
19 coordinated approach to achieving an installation's restoration goals. The Installation
20 Action Plan is a living document which can be provided to the Technical Review
21 Committee or Restoration Advisory Board members.
- 22 **Installation Restoration Program (IRP):** The program that the Army follows to
23 identify, investigate, and clean up hazardous substances at former disposal and spill
24 sites. It is based on CERCLA.
- 25 **Land Use Controls (LUCs):** Measures the Army can take to limit access to areas of
26 contamination and protect property users and the public. Land Use Controls include
27 *institutional controls* and *engineering controls*. Institutional controls (ICs) are legal
28 mechanisms that insure that any restrictions on land use and any engineering controls
29 put in place to implement a selected remedy are maintained. Engineering controls are
30 those physical mechanisms that implement the remedy selected for the cleanup of the
31 site.
- 32 **Interim Measure:** An expedited response action taken under RCRA authority to
33 mitigate a hazardous waste release or to reduce the potential for a future release from a
34 unit.
- 35 **National Contingency Plan (NCP):** Site restoration must conform to the U.S.
36 Environmental Protection Agency's National Oil and Hazardous Substances Pollution
37 Contingency Plan, the operating rules for Superfund cleanups.

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GLOSSARY (CONTINUED)

- 1 **National Environmental Policy Act of 1969 (NEPA):** A federal law requiring all
2 federal agencies to conduct environmental assessments of any agency actions that may
3 significantly affect public health, welfare, or the environment.
- 4 **Remedial Action (RA):** An action taken under CERCLA authority to permanently
5 resolve a hazardous waste release or to significantly reduce the potential for a future
6 release from a unit or group of units.
- 7 **Remedial Design (RD):** The CERCLA process of design for the selected remedial
8 action alternative.
- 9 **Remedial Investigation (RI):** The CERCLA process of determining the extent of
10 hazardous substance contamination.
- 11 **Resource Conservation and Recovery Act (RCRA):** This law, enacted in 1976,
12 regulates the generation, transportation, treatment, storage, and disposal of hazardous
13 wastes. It establishes a framework to achieve environmentally sound management of
14 both hazardous and nonhazardous wastes. RCRA also promotes resource recovery
15 techniques and methods to reduce the generation of hazardous waste.
- 16 **RCRA Facility Assessment (RFA):** The initial RCRA process to determine whether
17 corrective action is warranted, or to define what additional data must be gathered to
18 make this determination; analogous to a CERCLA Preliminary Assessment and Site
19 Inspection.
- 20 **RCRA Facility Investigation (RFI):** The RCRA process of determining the extent of
21 hazardous waste contamination; analogous to a CERCLA Remedial Investigation.
- 22 **RCRA Permit:** A permit under RCRA for the treatment, storage and disposal of
23 hazardous waste. Also used in reference to the closure of a unit under RCRA.
- 24 **Restoration Advisory Board (RAB)** - A forum of representatives of the DoD, USEPA,
25 State, Tribal and local governments, and public representatives of the potentially
26 affected community. The RAB provides stakeholders an opportunity to make their views
27 known, review progress and participate in dialogue with the decision makers.
- 28 **Superfund Amendments and Reauthorization Act of 1986 (SARA):** This federal law
29 amended CERCLA. It sets cleanup standards that strongly favor permanent remedies,
30 gives the U.S. Environmental Protection Agency more control over cleanup procedures,
31 involves states and the public in the cleanup decision-making process, and sets health
32 and safety standards for workers at cleanup sites.
- 33 **Surface Water:** Surface water consists of bodies of water above the earth's surface,
34 such as rivers, lakes and streams.
- 35 **Technical Assistance for Public Participation (TAPP):** An Army program aimed at
36 providing community members of Restoration Advisory Boards (RABs) with access to

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- 1 independent technical support through the use of government purchase orders. It is
2 intended to supplement existing sources of support and foster a relationship of trust and
3 understanding between the community and the installation. TAPP purchase orders are
4 limited to \$25,000 or 1% of restoration cost to complete (the total cost of installation
5 cleanup) annually, with a \$100,000 cap on the amount available to any one RAB per
6 installation.
- 7 **Treatment, Storage or Disposal (TSD) Unit:** A RCRA term for a unit used for
8 treatment, storage, or disposal of hazardous waste that is required to be permitted
9 and/or closed pursuant to RCRA regulations.
- 10 **U.S. Environmental Protection Agency (EPA):** The primary federal agency
11 responsible for enforcement of federal laws protecting the environment.

1.0 INTRODUCTION

This Community Relations Plan for Fort Wingate Depot Activity (FWDA) describes the program to establish communication and information exchange processes with regard to the ongoing environmental restoration program at FWDA. This document was prepared by TerranearPMC, LLC of Exton, Pennsylvania, in partial fulfillment of the requirements of Task Order No. 0001 under contract W9126G-05-D-0023. Contracting Officer's Representative and technical oversight responsibilities for the tasks described in this document were provided by the U.S. Army Corps of Engineers (USACE), Fort Worth District.

This document has been prepared for submission to the New Mexico Environment Department (NMED) Hazardous Waste Bureau (HWB), as required by Section I.L of the Resource Conservation and Recovery Act (RCRA) Permit (hereinafter referred to as "the Permit") for FWDA. The Permit (NM 6213820974) was finalized in December 2005 and became effective 31 December 2005.

This Community Relations Plan is an update of the document entitled *Public Involvement and Response Plan (PIRP), Fort Wingate Depot Activity*, published in November 1993. This Community Relations Plan describes both ongoing efforts established after publication of the PIRP and new efforts to be performed as required by the Permit.

1.1 PURPOSE/OBJECTIVE

The purpose of this Community Relations Plan is to outline how the public will be informed and involved in the FWDA environmental restoration process. As used in this Community Relations Plan, the term "the public" includes any individuals, organizations, or governmental unit that might be affected by or interested in the results of the FWDA environmental restoration process, up to the point of transfer to the U.S. Department of the Interior (DOI). The public includes Federal, regional, state, local, and Native American governmental entities and officials, public and private organizations, and individuals.

It is the goal of the Army and its representatives to be honest, forthright, responsive, and clear in dealing with the public. It is important to cultivate public participation in restoration activities, increase awareness of the program and its activities, decrease misunderstanding regarding environmental problems and potential dangers, and foster public trust in the Army's ability to perform the restoration in the most effective and efficient manner possible.

In recognition of their inherent status as sovereign nations, and in further recognition of their long history of cultural affinity with the lands comprising FWDA, the Tribal Governments of the Navajo Nation and the Pueblo of Zuni have been and will continue to be important partners in the formulation of positions regarding the nature and scope of environmental cleanup actions at FWDA. Environmental cleanup actions at FWDA are governed by the Permit which recognizes the special status of the Tribes as the entities that are expected to be the ultimate recipients of the FWDA property. In addition, the Permit

1 requires that FWDA conduct consultation with the Tribes regarding the potential
2 effects of proposed environmental cleanup actions on the interests and
3 resources of the Tribes.

4 **1.2 COMMUNITY RELATIONS PLAN ORGANIZATION**

5 Section 2.0 of this document provides an overview, including: a description and
6 history of the installation; a summary of the environmental restoration program to
7 date and the process by which restoration will continue; the natural and cultural
8 resources programs; community profile information; and project team
9 information.

10 Section 3.0 of this document outlines traditional community relations program
11 elements, such as: the point of contact for the program; the availability and
12 location of records and information pertaining to the environmental restoration
13 program; the Restoration Advisory Board; public notice, meeting, and comment
14 opportunities; fact sheets and newsletters; and other sources of information.

15 Section 4.0 of this document is the Native American Consultation Plan, and
16 describes the process by which government-to-government consultation will
17 occur during the restoration process.

18 Section 5.0 of this document contains public safety information relating to military
19 munitions at FWDA.

20 Section 6.0 provides a list of documents referenced herein.

21 The following appendices are included in this document:

22 Appendix A DOI Correspondence Referenced in this Document

23 Appendix B FWDA Permit Fact Sheet Prepared by NMED HWB

24 Appendix C List of Other Sources of Relevant Information

25 Appendix D Statement of Clearance for Explosive Ordnance
26 Investigation and Removal

27 Appendix E Video, Safety First at Fort Wingate

28 Appendix F Comments and Responses on Draft and Draft Final
29 Community Relations Plans

30

2.0 OVERVIEW

2.1 INSTALLATION DESCRIPTION AND HISTORY

2.1.1 General Description

FWDA is an inactive U.S. Army depot whose former mission was to receive, store, maintain, and ship assigned materials (primarily explosives and military munitions), and to dispose of obsolete or deteriorated explosives and military munitions. Since 1975, the installation has been under the administrative command of Tooele Army Depot (TEAD), located near Salt Lake City, Utah. The active mission of FWDA ceased and the installation closed in January 1993, as a result of the Defense Authorization Amendments and Base Realignment and Closure (BRAC) Act of 1988. In 2002, the Army reassigned many functions at FWDA to the BRAC Division (BRACD), including property disposal, caretaker duties, management of caretaker staff, and performance of environmental restoration and compliance activities. TEAD retained command and control responsibilities, and continues to provide support services to FWDA.

FWDA currently occupies approximately 24 square miles (approximately 15,277 acres) of land in northwestern New Mexico, in McKinley County. The installation is located 8 miles east of Gallup on U.S. Route 66 and approximately 130 miles west of Albuquerque on Interstate 40 (Figure 1). FWDA contains facilities formerly used to operate a reserve storage activity providing for the care, preservation, and minor maintenance of assigned commodities, primarily conventional military munitions. The installation mission included the disassembly and demilitarization of unserviceable and obsolete military munitions. Ammunition maintenance facilities existed for the clipping, linking, and repackaging of small arms ammunition.

As shown in Figure 2, the installation is almost entirely surrounded by federally owned or administered lands, including national forest, Bureau of Indian Affairs (BIA)-administered lands, and Navajo Nation Tribal Trust and Allotment lands. The installation can be divided into several areas based upon location and historical land use (Figure 2). These major land-use areas include:

- The Administration Area - located in the northern portion of the installation and encompassing approximately 800 acres; contains former office facilities, housing, equipment maintenance facilities, warehouse buildings, and utility support facilities;
- The Workshop Area - located south of the Administration Area and encompassing approximately 700 acres; consisting of an industrial area containing former ammunition maintenance and renovation facilities, the former TNT washout facility, and the TNT Leaching Beds Area;
- The Magazine (Igloo) Area - covering approximately 7,400 acres in the central portion of the installation and encompassing ten Igloo Blocks (A

through H, J and K) consisting of 732 earth-covered igloos and 241 earthen revetments previously used for storage of munitions;

- Protection and Buffer Areas - encompassing approximately 4,050 acres consisting of buffer zones surrounding the former magazine and demolition areas; these areas are located adjacent to the eastern, northern, and western boundaries of the installation; and
- The Open Burning/Open Detonation (OB/OD) Area - located within the west central portion of the installation and encompassing approximately 1,800 acres; the OB/OD Area can be separated into two subareas based on period of operation, the Closed OB/OD Area and the Current OB/OD Area. The Current OB/OD Area was designated as the OB/OD Unit Hazardous Waste Management Unit (HWMU) in the Permit (see Section 2.2.1).

FWDA has been undergoing final environmental restoration prior to property transfer/reuse. As part of planned property transfer to DOI, the installation has been divided into reuse parcels (Figure 2). Parcels transferred to date include Parcels 1, 15, and 17.

A number of tenant operations are currently being maintained at FWDA.

The U.S. Department of Agriculture uses Buildings 12 and 13 (located within Parcel 11) and associated land in the Administration Area for the storage of packaged food items for the benefit of the Navajo Nation.

TPL, Inc. (TPL) has held an Industrial Operations Command Facilities Contract (DAAA09-94-E-0014) for use of facilities within Parcels 6 and 22, including several buildings in the Administration Area, igloos in Igloo Block B, most Workshop Area buildings, grounds, and support systems since 1994. The facilities use contract also included igloos in Igloo Block D; these were returned to Army control in 2005. TPL performs demilitarization of conventional munitions to recover/recycle explosives and other components. The most recent TPL contract amendment/modification was signed in July 2002 and extends the former contract until December 2006 or until return of the land to DOI, whichever occurs first. TPL operations are discussed further in the Public Safety Program (Section 5.0) of this Community Relations Plan.

In 1995, a large portion of the installation was reprogrammed by the Department of Defense (DOD) for use by the Missile Defense Agency (MDA, formerly known as the Ballistic Missile Defense Organization) to conduct Theater Missile Defense Program testing. MDA has been permitted to use 6,460 acres of FWDA lands retained by the DOD through a Memorandum of Understanding (MOU) and Long-Term Permit. The current agreement began in June 2000 and provides the MDA with the option to extend for additional five-year periods beginning June 2005. An extension request was submitted in June 2005, but formal approval has not been granted as of the date of this document. It is anticipated that the extension request will be approved, extending the agreement until June 2010.

1 MDA currently occupies Parcels 2, 9, 19, and 20 (Figure 2); together, these lands
2 are referred to as the Fort Wingate Launch Complex (FWLC). The FWLC
3 occupies two non-contiguous areas that consist of the northern area (Parcel 9)
4 referred to as Instrumentation Area A and the southern area (Parcels 2, 19, and
5 20) referred to as the Launch and Control Area. Through the use of the
6 instrumentation and launch facilities and associated infrastructure of the FWLC,
7 the MDA launches target missiles that are part of missile defense test programs.
8 The FWLC has been an active missile launch site since 1996, with a total of 11
9 launches to date.

10 **2.1.2 History of FWDA**

11 To understand the current status of FWDA lands and the reasons for certain
12 processes by which the environmental restoration and property transfer occur,
13 the history of FWDA is important. The lands encompassing FWDA were
14 significant to Native American peoples for a very long period of time prior to their
15 first contact with European peoples. As a result, the lands at FWDA contain
16 numerous sites rich in cultural heritage and historical significance to Native
17 Americans.

18 Both the Navajo Nation and the Pueblo of Zuni, whose current territories are
19 situated in close proximity to FWDA, inhabited the area both prior to (and in
20 some case during) the history outlined in this section. In addition, both the
21 Pueblo of Zuni and the Navajo Nation have an extensive relationship and history
22 with the Army in the region and with Fort Wingate in particular. The history
23 outlined below is presented to provide perspective on how the Army came to use
24 the lands, and the administrative means by which the lands will be returned to
25 the public domain.

26 The lands comprising Fort Wingate are "public domain lands" acquired by the
27 Federal government through the treaty of Guadalupe Hidalgo with Mexico in
28 1848. Native American history in the area dates prior to and after the acquisition
29 of the land by the United States Government. The lands fall within the traditional
30 territory of both the Navajo and Zuni people; the United States agreed to protect
31 the property rights granted by the Mexican Government. These lands are under
32 the jurisdiction of the Secretary of the Interior and managed pursuant to public
33 land laws and mining and mineral leasing laws.

34 The first military post near the current FWDA was Fort Fauntleroy, established in
35 1860. This fort was renamed Fort Lyon in 1861, after General Nathaniel Lyon,
36 the first Union general killed in the Civil War. Fort Lyon was abandoned in 1862.
37 The first Fort Wingate (named after Major Benjamin Wingate, a Union infantry
38 officer who died from injuries sustained in the Battle of Valverde, New Mexico)
39 was established in 1862 at San Rafael, just south of the current location of Milan,
40 New Mexico, where it remained until 1868. In 1868, the Army returned to the site
41 of Fort Lyon and established a "new" Fort Wingate. The Treaty of 1868 between
42 the United States and the Navajo Tribe was signed.

1 An Executive Order of February 18, 1870, withdrew the Fort Wingate military
2 reservation, which was 10-miles square, from operation of some of the public
3 land laws and reserved the lands for military purposes associated with Fort
4 Wingate. Partial jurisdiction over these lands was transferred to the Secretary of
5 War by operation of this Order. Plans for the fort were approved and permanent
6 buildings were erected, at the location east of FWDA now known as the town of
7 Fort Wingate. An Executive Order of March 21, 1881, added additional lands to
8 Fort Wingate.

9 As World War I was ending, the War Department selected Fort Wingate to store
10 munitions. Around 1919, the installation, then known as Wingate Ordnance
11 Depot, became the largest installation storing high explosives in the world, with
12 approximately 163 wooden magazines. Other buildings included personnel
13 quarters, shipping and receiving facilities, and equipment storage and
14 maintenance facilities. In general, Wingate Ordnance Depot occupied the
15 northern portion of FWDA, extending as far south as current Igloo Block E.

16 An Executive Order of April 20, 1925 granted approximately 26,284 acres to the
17 Department of Agriculture to establish the Zuni District of the Manzano National
18 Forest (now Cibola National Forest). In May 1925, an additional 9,864 acres
19 (including the former Fort Wingate barracks buildings east of what is now
20 FWDA), were permitted to the DOI for establishment of the Charles H. Burke
21 Indian School for Zuni and Navajo children.

22 In 1928, the installation became an active military post, with the mission
23 expanded to include repackaging and shipping of explosives. A new fenceline
24 was erected and Navajo families (and possibly other Native American persons)
25 who had been resident were immediately forced to leave. This left numerous
26 hogans, sheep corrals, sweat lodges, burials, and other remains of traditional life
27 within the fenceline. The needs of the subsequent military activity resulted in the
28 hiring of Native Americans as laborers and construction workers.

29 Also in 1928, a Congressional Act (70th Congress, First Session, Chapter 853)
30 authorized the transfer of 9,502 acres north of the railroad right-of-way to the DOI
31 to remain in trust for the Navajo.

32 Early in 1941, an extensive construction program started at the installation,
33 including the construction of permanent buildings and underground, reinforced
34 concrete storage magazines (igloos). The reconstructed depot (then named Fort
35 Wingate Ordnance Depot) was formally opened in 1942. Many Native
36 Americans supplied the labor needed to support the war effort. During World
37 War II, the primary depot mission was the shipment of munitions to support the
38 war. Following the end of World War II, the installation began receiving
39 munitions from production lines and returns from overseas, and the mission
40 evolved into that described in Section 2.1.1 for FWDA: a storage activity
41 providing for the care, preservation, and minor maintenance of assigned
42 commodities, primarily conventional military munitions. The installation mission
43 also included the disassembly and demilitarization of unserviceable and obsolete
44 military munitions.

1 In 1950, a Congressional Act (81st Congress, Second Session, Chapter 320)
2 authorized and directed the transfer of 13,150 acres to the DOI for the use of the
3 BIA. This transfer included the area permitted to the DOI in 1925, described
4 above.

5 Between 1960 and 1967, portions of the installation were used by the Army to
6 test the performance of several ballistic missile systems, including the launching
7 of ballistic missiles from the installation. The launch areas were located in what
8 is now Parcel 1.

9 On June 29, 1970, the United States Indian Claims Commission adjudicated
10 claims to the lands in Navajo Tribe v. United States (23 Indian Claims
11 Commission 244, 1970), and determined that the lands of the Fort Wingate
12 military facility had been Navajo aboriginal lands.

13 In July 1971, the FWDA was placed in Reserve Status under the command of
14 Pueblo Army Depot, Colorado, and re-designated the Fort Wingate Depot
15 Activity. In 1975, the U.S. Army Materiel Command reassigned FWDA to TEAD.

16 On April 19, 1989, the United States claims court adjudicated claims to the lands
17 in Zuni Tribe v. United States (16 Claims Court 670, 1989) and determined that
18 the lands of the Fort Wingate military facility had been Zuni aboriginal lands.

19 The active mission of the installation ceased in January 1993, and the installation
20 is currently under caretaker status.

21 Pursuant to the Base Realignment and Closure Act of 1988 and in accordance
22 with the regulations at 43 CFR 2372.1, the Army filed a notice of intent to
23 relinquish its reservation of the lands with the Secretary of the Interior. The initial
24 notice is dated March 13, 1990 and was subsequently modified by notices dated
25 November 10, 1993 and June 28, 1995. The Army's relinquishment is being
26 processed in accordance with the Federal Land Policy and Management Act of
27 1976 (43 USC 1701,1714) and the regulations at 43 CFR Part 2370. The
28 suitability determination required at 43 CFR 2374.1 was made by DOI Assistant
29 Secretary - Policy, Management and Budget, as follows: all public domain lands
30 at the former Fort Wingate Depot Activity are suitable for return to the public
31 domain for disposition under the general public land laws, upon appropriate
32 environmental restoration of the lands.

33 By letter dated June 3, 1994 (Appendix A), Secretary of the Interior Bruce Babbitt
34 indicated to Secretary of Defense William Perry that the disposition under the
35 public land laws that was under consideration included natural resources
36 management, cultural resources protection, and economic benefits to the Navajo
37 Nation and the Pueblo of Zuni. By letter dated June 29, 1995 (Appendix A),
38 Assistant Secretary of the Interior Bonnie Cohen told Deputy Assistant Secretary
39 of the Army Paul Johnson, that "the lands will be managed by the Bureau of
40 Indian Affairs to meet its mission in serving the two local tribes, the Navajo
41 Nation and the Pueblo of Zuni." This was followed by a letter dated January 6,
42 1998 (Appendix A), wherein Advisor to the Secretary [of the Interior] William

1 Brown wrote to Deputy Assistant Secretary of the Army Paul Johnson that "The
2 lands will be held by the BIA for the benefit of the Navajo Nation and Pueblo of
3 Zuni indefinitely."

4 Because of this specific commitment by the Federal Government, as well as the
5 inherent status of the Tribes as sovereign nations, this Community Relations
6 Plan includes information (Section 4.0) regarding the manner in which the
7 Federal Government and the two Tribal Governments will specifically engage in
8 government-to-government consultation during the environmental restoration
9 process at FWDA, in addition to the "traditional" community relations program
10 elements outlined in Section 3.0.

11 **2.2 ENVIRONMENTAL RESTORATION PROGRAM**

12 Because of the inactive status of FWDA, the TEAD Commander is responsible
13 for administrative control of the FWDA property, and until 2002 was responsible
14 for establishing and maintaining all environmental programs, compliance matters,
15 and remediation efforts at FWDA. As noted in Section 2.1.1, since 2002,
16 environmental programs, compliance, and remediation have been the
17 responsibility of the Army BRACD.

18 **2.2.1 Environmental Restoration Program Prior to Issuance of RCRA Permit**

19 Environmental restoration activities at FWDA began in 1980 under
20 Comprehensive Environmental Response, Compensation, and Liability Act
21 (CERCLA) guidelines, as part of the Army's Installation Restoration Program.
22 The one exception is the OB/OD Area, which proceeded under RCRA guidelines,
23 with the U.S. Environmental Protection Agency (USEPA) Region 6 as the lead
24 regulatory agency.

25 Since that time, NMED has become the lead regulatory agency, and the pathway
26 for environmental restoration has been evolving for a number of years.

27 During the period from 1980 through issuance of the Permit in December 2005, a
28 number of environmental investigations have been conducted by the Army and
29 other parties (e.g., USEPA and DOI) under both CERCLA and RCRA guidance.
30 Examples of CERCLA investigations/actions conducted at FWDA include a
31 facility-wide Enhanced Preliminary Assessment, facility-wide Remedial
32 Investigation, and munitions and explosives of concern (MEC) removal actions
33 (see Section 5.3). Examples of RCRA investigations/actions conducted at
34 FWDA include a facility-wide RCRA Facility Assessment (RFA) and a Closure
35 Field Program in the OB/OD Area.

36 **2.2.2 Environmental Restoration Program After Issuance of RCRA Permit**

37 In 2002, NMED determined that the pathway would be a RCRA permit for post-
38 closure care of the OB/OD Area, with RCRA corrective action requirements for
39 other sites. A draft permit was issued 14 September 2004, and the public
40 comment period extended into February 2005.

1 A series of meetings and conference calls regarding the September 2004 draft
2 permit were held between April 2005 and August 2005, with NMED, the Army,
3 and other stakeholders working to resolve issues (including the number of sites
4 requiring investigation and/or restoration) regarding the draft permit. These
5 negotiations resulted in the rescission of the September 2004 draft permit, and
6 the issuance of a new draft permit on 29 August 2005. Following an additional
7 public comment period, the Permit was finalized and issued on 1 December
8 2005, and became effective 31 December 2005.

9 The process by which the environmental restoration will now proceed is
10 described in the Permit, and is summarized in the permit fact sheet prepared by
11 NMED HWB (see Appendix B). The Permit can be downloaded from the NMED
12 HWB web site at www.nmenv.state.nm.us/hwb/fwdaperm.html.

13 The environmental restoration of the OB/OD Unit HWMU will proceed under
14 RCRA closure requirements as outlined in Section III of the Permit. Closure of
15 the OB/OD Unit will involve the removal of all hazardous wastes and hazardous
16 waste residues, and decontamination or removal of contaminated soils. Section
17 IV of the Permit addresses the Kickout Area and Section VI addresses ground
18 water investigation and corrective action requirements.

19 Solid Waste Management Units (SWMUs) and Areas of Concern (AOCs) will
20 proceed under RCRA corrective action requirements as outlined in Section VII of
21 the Permit, which can generally be summarized as follows.

- 22 • Prepare a Release Assessment Report for each AOC; this information is
23 similar to an RFA and/or a Phase I Environmental Site Assessment, and will
24 be used by NMED to determine if further investigative action is required.
- 25 • Determine the full nature and extent of contamination (if any) at each SWMU
26 and AOC (if warranted by NMED HWB review of Release Assessment Report
27 information) by planning and implementing RCRA Facility Investigation (RFI)
28 or other sampling activities to characterize potentially affected environmental
29 media (e.g., soil, ground water, or surface water).
- 30 • Corrective Measures Study (CMS) planning and implementation, as required
31 by NMED HWB, to evaluate and recommend possible remedial alternatives to
32 address contaminants.
- 33 • Selection of a remedy by NMED HWB which requires a permit modification
34 and public participation, including a comment period and hearing (if
35 requested).
- 36 • Corrective Measures Implementation (CMI) planning and implementation.
- 37 • Corrective Measures Completion Report submission and petition for
38 Corrective Action Complete determination.
- 39 • Movement of the SWMUs and/or AOCs from the Corrective Action Required
40 table attached to the Permit to one of the Corrective Action Complete tables,

which requires a permit modification and public participation, including a comment period and hearing (if requested).

Corrective action for SWMUs and AOCs will be conducted in phases, based on the land parcel in which they are located. A schedule for the first stage of submittals for each land parcel is included in Permit Table VII.2.

As noted above and throughout the Permit itself, the term “permit modification” is used. The provisions for permit modifications are built into RCRA regulations, and are used by the issuing agency (in this case NMED) to ensure that there are opportunities for public participation when conditions change over the life of a permit.

A Class 1 permit modification does not substantially alter the conditions in the Permit or reduce the facility’s ability to protect human health and the environment. Examples include improving administrative and routine functions, upgrading plans and records maintained by the facility, and replacing equipment with functional equivalents. A Class 1 permit modification requires public notice within 90 days of implementing a change, but does not require meetings or solicitation of comments.

A Class 2 permit modification includes: changes that enable a facility to respond to variations in types and quantities of wastes managed; technological advancements; and new regulatory requirements. A Class 2 permit modification requires public notice, a 60-day comment period, and an informal public meeting held no sooner than 15 days after the start of the comment period and no less than 15 days before the end.

A Class 3 permit modification addresses changes that substantially alter a facility or its operation. Examples include requests to manage new wastes that require different management practices, major changes to certain types of treatment, storage, or disposal units, or major changes in the facility ground water monitoring program. The Permit specifically requires Class 3 permit modifications for:

- Transfer of land ownership (unless FWDA requests a determination that the modification qualifies as a Class 1 or 2 modification);
- Submittal of a Closure Plan for the OB/OD Unit;
- Submittal of a Post-Closure Plan for the OB/OD Unit;
- Approval of a Ground Water Corrective Action Program for the OB/OD Unit; and
- Submittal of a long-term facility-wide ground water monitoring plan.

A Class 3 permit modification requires the same public participation as noted above for Class 2, followed by additional notices, comment period, and possibly a public hearing, all controlled by the regulatory agency.

2.2.3 *Environmental Restoration Status*

It is beyond the scope of this document to provide a comprehensive summary of all environmental investigations conducted to date at FWDA. The Permit as finalized lists a total of 93 SWMUs and AOCs, as shown in Figure 3. Summary information regarding the characterization status of each of these SWMUs and AOCs is included in Table 1.

In general, the number of SWMUs and AOCs in each remaining FWDA parcel is summarized below, presented in the order that the Permit requires them to be addressed:

- Parcel 21 - Five SWMUs (SWMUs 1, 2, 7, 19 and 72) and 11 AOCs (AOCs 60, 62, 63, 64, 65, 66, 67, 68, 71, 86, and 87);
- Parcel 11 - Nine SWMUs (SWMUs 3, 5, 6, 10, 23, 24, 37, 45, and 50), part of one SWMU (SWMU 40), and six AOCs (AOCs 46, 47, 48, 49, 51, and 52);
- Parcel 22 - Three SWMUs (SWMUs 12, 27, and 70), two AOCs (AOCs 69 and 88); and part of one AOC (AOC 30);
- Parcel 6 - Three SWMUs (SWMUs 4, 8, and 11), part of one SWMU (SWMU 40), eight AOCs (AOCs 28, 42, 61, 79, 80, 81, 83, and 84) and part of one AOC (AOC 82);
- Parcel 4 - Part of three AOCs (AOCs 29, 78, and 82);
- Parcel 23 - One SWMU (SWMU 21), one AOC (AOC 73), and part of one AOC (AOC 29);
- Parcel 10 - One SWMU (SWMU 26) and one AOC (AOC 44);
- Parcel 5 - Part of two AOCs (AOCs 78 and 82);
- Parcel 8 - No SWMUs or AOCs at this time (may contain six “pre-1940s magazines);
- Parcel 16 - One SWMU (SWMU 16) and one AOC (AOC 41);
- Parcel 13 - Five AOCs (AOCs 53, 54, 55, 56, and 57);
- Parcel 18 – One SWMU (SWMU 13);
- Parcel 12 - No SWMUs or AOCs at this time (possibly part of AOC 93, as discussed below);
- Parcel 14 - No SWMUs or AOCs at this time (possibly part of AOC 93, as discussed below);

- 1 • Parcel 7 - Three SWMUs (SWMUs 9, 20, and 25), part of one SWMU
2 (SWMU 40), one AOC (AOC 43), and part of one AOC (AOC 85);
- 3 • Parcel 24 - Part of one AOC (AOC 18);
- 4 • Parcel 25 - No SWMUs or AOCs at this time;
- 5 • Parcel 20 - One SWMU (SWMU 38);
- 6 • Parcel 2 - Two SWMUs (SWMUs 17 and 22), four AOCs (AOCs 35, 36, 76,
7 and 77), and part of another AOC (AOC 29);
- 8 • Parcel 19 - One SWMU (SWMU 39), five AOCs (AOCs 31, 32, 34, 58, and
9 59), and part of one AOC (AOC 30);
- 10 • Parcel 9 - Part of two AOCs (AOCs 18 and 85); and
- 11 • Parcel 3 – Four SWMUs (SWMUs 14, 15, 33, and 74) and four AOCs (AOCs
12 89, 90, 91, and 92), plus the OB/OD Unit HWMU.

13 Two AOCs (not noted above) are or may be located in more than one parcel.
14 AOC 75 represents former or existing electrical transformer locations. AOC 93
15 represents an area formerly used by the New Mexico Army National Guard as a
16 training area. Although an outline for this area is shown along the northern
17 FWDA boundary in Figure 3, it represents a legal description (metes and bounds)
18 for the entire portion of FWDA which was available for Army National Guard use;
19 the approximate location(s) of training activities within this area is not known at
20 this time.

21 **2.3 NATURAL AND CULTURAL RESOURCES PROGRAMS**

22 FWDA contains a dense collection of archaeological sites; standing structures
23 and ruins; and sites of traditional, cultural, and/or sacred importance to Native
24 Americans, and is situated within cultural landscapes of importance to Native
25 Americans. The installation and the surrounding area are traditional lands
26 identified historically with the Navajo and Zuni tribes and significant Native
27 American trail systems traverse FWDA.

28 The Army is presently a signatory to a Memorandum of Agreement (MOA)
29 executed on 16 July 1991 with the Advisory Council on Historic Preservation
30 (ACHP), and the New Mexico State Historic Preservation Officer (SHPO).
31 Consultation with the BLM, the Navajo Nation, the Pueblo of Zuni and the Re-use
32 Committee for Fort Wingate (no longer extant) regarding this MOA was
33 conducted and has been documented. The MOA committed the Army to a
34 process to identify, evaluate, treat, manage, protect and preserve historic
35 properties and to consult with the SHPO, Tribes, and other parties to the MOA
36 regarding this process. To date, over 759 known archaeological sites have been
37 identified at the installation and are considered significant cultural resources.
38 The Fenced-Up Horse Canyon Site Complex represents an exceedingly

1 significant Pueblo III Chacoan settlement. The historical Native American
2 habitation of the area predate the creation of the fort.

3 More specifically, the 1991 MOA requires the Army to take into account the
4 effects of the closure and disposal of FWDA on historic properties; to take
5 specific actions in regard to the Fenced-Up Horse Canyon Site Complex and the
6 Casa Vibora site to ensure their preservation and protection; and to conduct
7 surveys of the installation and then to evaluate those resources with respect to
8 the eligibility of sites for the National Register of Historic Properties. All MOA
9 responsibilities held by the Army are effective until such time as the land
10 comprising FWDA is returned to the DOI.

11 There have been several surveys of cultural resources at FWDA including those
12 conducted by the University of New Mexico Office of Contract Archaeology for
13 the initial closure action and a more recent study of the OB/OD Area completed
14 by the National Association of Tribal Historic Preservation Officers (NATHPO) in
15 cooperation with the Navajo Nation and Pueblo of Zuni. The data from these
16 investigations are available for use in the present closure process. Further, an
17 additional study is currently being executed by the Navajo Nation and Pueblo of
18 Zuni in cooperation with the University of New Mexico Office of Contract
19 Archaeology under contract to the Albuquerque Corps of Engineers office for the
20 U.S. Army Environmental Center. The most recent survey data are currently
21 being compiled by the University of New Mexico Office of Contract Archaeology
22 and will be available shortly for use in the closure action. This information will be
23 provided to and used by FWDA, NMED, the Tribes and other stakeholders to
24 guide environmental restoration efforts and protect important cultural resources;
25 however, because of the sensitive nature of the data, they will not be published in
26 a "public" document.

27 Additional natural and cultural resource identification may be required prior to
28 economic redevelopment and property reuse and will also be considered during
29 the environmental restoration remedy selection process so that accidental
30 impacts to the natural and cultural resources can be prevented to the greatest
31 degree possible.

32 **2.4 COMMUNITY PROFILE**

33 According to the 2000 Census, the population of the nearby City of Gallup area
34 was just over 20,000, and the population of McKinley County was just under
35 75,000 (a little more than four percent of the total population of New Mexico). No
36 information for the town of Fort Wingate was found. Native Americans made up
37 approximately 37 percent of the population of Gallup in 2000, but nearly 75
38 percent of the population of McKinley County.

39 While the overall population of both New Mexico and McKinley County has risen
40 by over 20 percent each, the City of Gallup only increased eight percent in
41 population from 1990 to 2000. Recent estimates have shown a slight decline in
42 the population of Gallup from 2000 to 2004.

1 The 2000 Census noted the total Zuni population as 11,883, with 7,466 persons
2 located within Zuni Reservation lands. The total Navajo population (including
3 persons in Arizona, New Mexico, Utah and elsewhere) was noted as 298,197.
4 Of the total Navajo population, 69,524 persons were located on Navajo
5 reservation land and off-reservation trust land within the State of New Mexico.

6 The primary industry in the Gallup area is tourism (retail trade, accommodations,
7 and foodservice), employing approximately 31 percent of the population. Gallup
8 is located along I-40, and is central to Shiprock, Four Corners Monument, El
9 Malpais, El Morro, Painted Desert, Chaco Canyon National Park, and Petrified
10 Forest, which attract residents and visitors alike.

11 Additionally, federal and local governments employ approximately 29 percent of
12 the total work force in the City of Gallup, while health care employs an additional
13 11 percent of the total workforce.

14 **2.5 WHO'S WHO AT FORT WINGATE**

15 As noted in Section 2.2, the environmental restoration program at FWDA now
16 falls under a RCRA permit. The Army/FWDA is identified as the permittee, and
17 the NMED HWB is the grantor of the Permit. Contact information for the
18 individuals and/or entities below is provided in Table 2.

19 As noted in Section 2.2, environmental programs, compliance, and remediation
20 are currently the responsibility of the Army BRACD. The FWDA BRAC
21 Environmental Coordinator (BEC, Section 3.1) is the on-site Army BRACD
22 representative. The FWDA caretakers control access and perform maintenance
23 activities at areas of the installation not controlled by tenants.

24 NMED HWB has the responsibility of monitoring compliance with the Permit and
25 oversight of the corrective action process at FWDA.

26 USEPA Region 6 has oversight responsibility for NMED HWB implementation of
27 the RCRA program.

28 USACE, Fort Worth District is the Army's implementing agency for environmental
29 restoration activities at FWDA.

30 The DOI is the Federal department with jurisdiction over the lands. The Bureau
31 of Land Management (BLM) is the DOI agency responsible for accepting the
32 return of the Army's partial jurisdiction to DOI. This includes ensuring the Army's
33 environmental restoration meets DOI requirements for the future disposition of
34 these lands. The BIA or the BLM will be the agency responsible for interim
35 management of the lands from the time the Army's partial jurisdiction over the
36 lands is returned to DOI until the lands are transferred into trust for the Navajo
37 Nation and Pueblo of Zuni. The BIA and BLM have a responsibility to ensure the
38 lands are environmentally suitable for transfer into trust for the Tribes.

39 The Navajo Nation and Pueblo of Zuni are the proposed ultimate land owners
40 and, therefore, have a major stake in the environmental restoration of the lands

1 so that their proposed reuses may occur in a safe environment. As described in
2 Section 2.1.2, the lands will become Tribal Trust lands held by the Federal
3 Government for the Navajo Nation and Pueblo of Zuni.

3.0 COMMUNITY RELATIONS PROGRAM

To meet the information needs of the public, this section describes the community relations activities that have been and will be conducted during the environmental restoration at FWDA.

FWDA was one of the sites visited by representatives of the National Environmental Justice Advisory Council (NEJAC) in 2003; their findings were published in a report entitled *Environmental Justice and Federal Facilities, Recommendations for Improving Stakeholder Relations Between Federal Facilities and Environmental Justice Communities* (NEJAC, 2004). In that report, the findings pertaining to FWDA indicated that the Army's efforts to involve the Navajo and Zuni could be upgraded. In addition, the report provided recommended improvements to be made. Many of the NEJAC-recommended improvements have been or are planned for implementation in the future, as discussed in the following sections.

The intent of this section is to present community relations elements as they apply to the general public. Specific efforts relating to consultation with the Navajo Nation and Pueblo of Zuni during the restoration process are detailed in Section 4.0.

3.1 BRAC ENVIRONMENTAL COORDINATOR

The BEC executes the environmental community relations program, including determining interest and if appropriate, developing a Restoration Advisory Board (RAB) or chairing a Technical Review Committee, and establishing and maintaining the public information repository and administrative record. Until late 2005, the FWDA BEC was located at TEAD. The FWDA BEC became a full-time position located on-site in November 2005.

Mr. Mark Patterson is the FWDA BEC, and his contact information is included in Table 2. The BEC office is currently located in the FWDA caretaker office, Building 34, but will eventually be located in the former FWDA Headquarters, Building 1 (see Figures 4 and 5).

3.2 INFORMATION REPOSITORY AND ADMINISTRATIVE RECORD

The information repository contains general information and specific project reports, and is located at the following address (see Figure 6):

BIA Navajo Regional Office
Property Operations Office
Federal Building
301 West Hill Avenue
Gallup, NM 87301
(505) 863-8223

Members of the public wishing to access the FWDA information repository are asked to telephone prior to visiting. Upon arrival, the visitor will be asked to sign in the information repository log book and shown to the materials on file.

The administrative record contains all documents and correspondence that form the basis of official decisions made during the environmental restoration at FWDA. The administrative record is maintained in the FWDA BEC office. Appointments to review the administrative record can be made by contacting the FWDA BEC (see Table 2 for contact information). An index of the administrative record's contents will be included in the information repository.

NMED also maintains administrative record files in their Santa Fe office.

NMED – Hazardous Waste Bureau
2905 Rodeo Park Drive East
Building 1
Santa Fe, NM 87505
(505) 428-2500

3.3 RESTORATION ADVISORY BOARD

A RAB for FWDA was formed in 1994. RAB meetings were held quarterly from 1994 through 1998 and semi-annually through March 2004. The frequency was reduced because of declining interest in the local communities. Following March 2004, the meetings were suspended during permit negotiations.

FWDA will attempt to re-establish the RAB in 2006, as work to implement the Permit begins; the RAB will be maintained if interest from the local community can be generated. Procedures to implement the RAB will be in accordance with: *Department of Defense Restoration Advisory Boards, Final Rule, 32 CFR Part 202, May 12, 2006.*

3.4 PUBLIC NOTICES, MEETINGS, AND COMMENTS

3.4.1 General

In general, the Permit specifies when public notices must be issued, when public meetings must be held, and when public comments must be solicited, as described in more detail below. On an as needed basis, FWDA may issue additional notices, hold additional meetings, and/or solicit comments. For example, these community relations elements may be implemented at major milestones in the environmental restoration process, such as during the planning phase for environmental investigations or remediation activities.

FWDA will create and maintain a mailing list. Anyone wishing to be on the mailing list can contact the FWDA BEC (see Table 2 for contact information).

Public notices will be sent to persons on the mailing list and published in local newspapers (e.g., the Gallup Independent, the Navajo Times, and the Zuni Post). Public notices will also be translated into the Navajo and Zuni languages and

1 provided to local radio stations for broadcast to better facilitate dissemination of
2 information to rural portions of the affected communities.

3 **3.4.2 Permit Requirements**

4 As discussed in Section 2.2.2, the Permit requires some or all of these elements
5 (public notices, public meetings, and public comment periods) when permit
6 modifications are requested by FWDA.

7 A Class 1 permit modification does not substantially alter the conditions in the
8 Permit or reduce the facility's ability to protect human health and the
9 environment. Examples include improving administrative and routine functions,
10 upgrading plans and records maintained by the facility, and replacing equipment
11 with functional equivalents. A Class 1 permit modification requires public notice
12 within 90 days of implementing a change, but does not require meetings or
13 solicitation of comments.

14 A Class 2 permit modification includes: changes that enable a facility to respond
15 to variations in types and quantities of wastes managed; technological
16 advancements; and new regulatory requirements. A Class 2 permit modification
17 requires public notice, a 60-day comment period, and an informal public meeting
18 held no sooner than 15 days after the start of the comment period and no less
19 than 15 days before the end.

20 A Class 3 permit modification addresses changes that substantially alter a facility
21 or its operation. Examples include requests to manage new wastes that require
22 different management practices, major changes to certain types of treatment,
23 storage, or disposal units, or major changes in the facility ground water
24 monitoring program. The Permit specifically requires Class 3 permit
25 modifications for:

- 26 • Transfer of land ownership (unless FWDA requests a determination that the
27 modification qualifies as a Class 1 or 2 modification);
- 28 • Submittal of a Closure Plan for the OB/OD Unit;
- 29 • Submittal of a Post-Closure Plan for the OB/OD Unit;
- 30 • Approval of a Ground Water Corrective Action Program for the OB/OD Unit;
31 and
- 32 • Submittal of a long-term facility-wide ground water monitoring plan.

33 A Class 3 permit modification requires the same public participation as noted
34 above for Class 2, followed by additional notices, comment period, and possibly
35 a public hearing, all controlled by the regulatory agency.

1 **3.5 FACT SHEETS AND NEWSLETTERS**

2 When appropriate to highlight upcoming meetings or public comment periods, or
3 for general distribution of information about the program, fact sheets and
4 newsletters may be issued to describe environmental restoration activities and
5 progress. Fact sheets and newsletters will be made available in the Information
6 Repository and at public meetings. They may also be mailed to individuals and
7 organizations on the mailing list. As necessary, fact sheets and newsletters will
8 also be translated into the Navajo and Zuni languages and distributed to local
9 Tribal Government representatives or placed in local community centers.

10 **3.6 OTHER SOURCES OF RELEVANT INFORMATION**

11 A substantial amount of information (e.g., regulations, policies, etc.) is available
12 online via the Internet. A list of Internet resources is included in Appendix C.

13

14

4.0 NATIVE AMERICAN CONSULTATION PLAN

This Section of the Community Relations Plan presents the Native American Consultation Plan for FWDA.

Federally recognized Native American Tribes are formally acknowledged by the U.S. Government as sovereign nations. This sovereignty is recognized in the U.S. Constitution, has been affirmed by the U.S. Congress by treaty and statute, and has been upheld by the courts by precedent. Sovereignty is based on the pre-existing nation status of the Tribes prior to the time of initial contact with European peoples.

The U.S. Congress has formally recognized the legal rights of Native Americans to have access to and to request protection of cultural resources. Cultural resources are defined by the Army (Department of the Army, 1998) as follows: historic properties as defined by the National Historic Preservation Act of 1966 (NHPA); cultural items as defined by the Native American Graves Protection and Repatriation Act of 1990 (NAGPRA); archaeological resources as defined by the Archaeological Resources Protection Act of 1979 (ARPA); sacred sites as defined in Executive Order 13007, Indian Sacred Sites, to which access is afforded under the American Indian Religious Freedom Act of 1978 (AIRFA); and collections as defined in 36 CFR 79. The Department of the Army, as an agency of the U.S. Government, is a trustee of these Native American interests. Consequently, the Department of the Army has initiated, and is committed to fully implement, the consultation process with the Tribes affiliated with the lands comprising FWDA.

The need for consultation is triggered by the planning for any undertaking funded in whole or in part under the direct or indirect jurisdiction of a Federal agency that has the potential to affect any historic, cultural, or religiously significant resources. For the environmental restoration activities to be conducted at FWDA as part of the RCRA Closure and Corrective Action Program, these undertakings may include activities such as intrusive sampling of environmental media (i.e., soil, sediment, surface water, ground water), excavation or in-place treatment of chemically impacted environmental media, in-place detonation of live ordnance items, road building and/or slope stabilization in support of sampling or cleanup activities, and fence or temporary structure construction. Each one of these activities has the potential to affect previously identified culturally significant resources or inadvertently uncover previously unidentified resources.

In the context of the upcoming activities at FWDA, consultation can formally be defined as the process of establishing relationships that can lead to the identification and protection of Tribal cultural resources. Although historic structures, historic building sites and other physical manifestations of historic land use by Native American peoples can be readily identified by more commonplace archaeological and ethnographic procedures, Tribal sacred resources and traditional cultural properties (TCPs) can only be identified, and their significance determined, through consultation.

Known sacred sites and TCPs and those potentially present within FWDA may consist of an extensive list of resources, both tangible and intangible, including some or all of the following:

- Burial Sites and Ruins
- Linkage Sites
- Creation Story Locations and Boundaries
- Sacred Portals Recounting Star Migrations
- Universal Center Locations
- Historical Migration Destiny Locations
- Trails
- Places of Prehistoric Revelations
- Traditional Vision Quest Sites
- Plant-Animal Relationship Locations
- Mourning and Condolence Ceremony Sites
- Historical Past Occupancy Sites
- Spirit Sites
- Recent Historical Event Locations
- Plant, Animal and Mineral Gathering Sites
- Sanctified Ground

The Department of the Army further acknowledges that consultation with Tribes must be conducted with sensitivity to cultural values, socioeconomic factors and the administrative structure of each affiliated Tribe. All activities associated with the consultation process carry with them explicit requirements for the protection of the confidentiality of sensitive resources.

In light of the above, FWDA has developed this Native American Consultation Plan that addresses the trust responsibilities of the U.S. Government, through the Department of the Army, with respect to the affiliated Tribes. In addition, this Consultation Plan will serve to facilitate the conduct of the RCRA Closure and Corrective Action Program at FWDA, under the enforcement authority of the NMED, in response to specific conditions (Section I.L – Community Relations Plan; Section VIII.B.1 – Prior Consultation Requirements) within the Permit that require FWDA to consult with the affiliated Tribes.

An overall goal of FWDA for the consultation program is to understand and implement the procedures necessary to complete all environmental restoration activities required by the Permit in a manner that protects and preserves the culturally significant resources present within the installation. In addition, within the context of Permit conditions, FWDA seeks to provide access to Tribal members for the use of these resources. Further, the Permit specifies compliance milestones that can only be attained through a cooperative, multi-party commitment to discuss, plan, review and implement a substantial number of work elements (e.g., work plans, investigations, etc.), many of which will be concurrent. In order to accomplish these goals, FWDA understands that an intricate balance between preservation and remediation will have to be developed, and is looking for significant input from the Tribes, through the consultation program, to facilitate development of this balance.

1 The Army also acknowledges that the SHPO and the ACHP may provide
2 assistance to the Army, as the Army seeks to act responsibly regarding Tribal
3 historic properties while meeting its Trust responsibilities.

4 This FWDA Native American Consultation Plan consists of a number of distinct
5 elements;

- 6 1. Consultation Requirements and Authorities,
- 7 2. Establishment of Cultural Affiliation,
- 8 3. Tribal Contact,
- 9 4. Orientation Meeting,
- 10 5. Formation of a Consultation Committee,
- 11 6. Site Visits,
- 12 7. Development of Mitigation Recommendations,
- 13 8. Maintenance of Ongoing Interactions and Monitoring, and
- 14 9. Termination of Consultation.

15 Each element is described in the following subsections.

16 **4.1 CONSULTATION REQUIREMENTS AND AUTHORITIES**

17 **4.1.1 General Authorities**

18 A number of general authorities codify the requirements for the Federal
19 Government to enter into consultation with the appropriate Tribes regarding
20 future land planning and the potential for deleterious impacts to important
21 archaeological and/or cultural resources. For FWDA, one primary general
22 authority is associated with the Permit-driven environmental restoration activities.

23 The National Environmental Policy Act of 1969 (NEPA) establishes a board
24 national policy for the protection and enhancement of the human environment,
25 including the preservation of important cultural aspects of the national heritage.
26 Additionally, DOD further interprets the term human environment to include not
27 only the physical environment but also the relationship that people have with that
28 environment.

29 **4.1.2 Authorities Specific to Native Americans**

30 **4.1.2.1 American Indian Religious Freedom Act of 1978 (AIRFA)**

31 AIRFA establishes the requirement to protect and preserve the inherent right of
32 freedom to believe, express, and exercise traditional religions, including the
33 access to religious sites, use and possession of sacred objects, and freedom to

1 worship through ceremonials and traditional rites. The Act requires that the
2 views of Tribal leaders be obtained and considered when a proposed land use or
3 activity may conflict with traditional religious beliefs or practices, and that
4 unnecessary interference with religious practices be avoided during project
5 implementation, if possible.

6 *4.1.2.2 Indian Reorganization Act of 1934*

7 The Act establishes Tribal self-government and provides for adoption of Tribal
8 constitutions and the incorporation of tribal governments. Tribal governments are
9 to have primary jurisdiction over the lands of the Tribe. Jurisdiction over the
10 lands includes jurisdiction over cultural and historic resources encompassed by
11 and acknowledged to be part of the land. The Act authorizes the Secretary of the
12 Interior to acquire land in trust for Tribes.

13 *4.1.2.3 Indian Self Determination and Education Assistance Act of 1975, as* 14 *Amended*

15 This Act provides direct and primary authority to Tribal governments to contract
16 and regulate programs and services; further provides specific authority for Tribal
17 governments to acquire lands adjacent to reservations for purposes of the act.

18 *4.1.2.4 Federally Recognized Indian Tribe Act of 1994*

19 The Act authorizes the Secretary of the Interior to develop and publish a list of
20 Tribes who are eligible for special programs and services provided by the United
21 States because of their sovereign status. The United States has a trust
22 responsibility to recognized Tribes, maintains a government-to-government
23 relationship with those Tribes and recognizes the sovereignty of those Tribes.

24 **4.1.3 Authorities Specific to Cultural Resources**

25 *4.1.3.1 National Historic Preservation Act of 1966 (NHPA)*

26 NHPA addresses the preservation of historic properties, including historical,
27 archaeological, and architectural districts, site, buildings, structures, and objects
28 eligible for the National Register of Historic Places. This listing includes
29 properties partly or wholly eligible because of historical, traditional religious and
30 cultural importance to Native Americans. NHPA directs the Federal Government
31 to explore ways to preserve and conserve both tangible and intangible elements
32 of the cultural heritage and to encourage continuation of diverse cultural
33 traditions. Section 106 of NHPA specifically requires consultation with the
34 appropriate Tribe(s) for all projects that may impact any of the resources listed
35 previously in this text.

36 *4.1.3.2 Archaeological Resources Protection Act of 1979 (ARPA)*

37 ARPA provides for the protection and management of archaeological resources,
38 including any remains of human life or activities, and specifically requires
39 notification of and consultation with the affected Tribe(s) if proposed actions

1 could result in harm to or destruction of any location considered by the Tribes to
2 have religious or cultural importance. ARPA regulations require each Federal
3 land manager to proactively identify and initiate communication with all Tribes
4 having aboriginal or historic ties to lands under their jurisdiction. ARPA provides
5 for significant criminal and civil penalties for the vandalism, alteration, or
6 destruction of historic and prehistoric sites.

7 **4.1.3.3 Native American Graves Protection and Repatriation Act of 1990 (NAGPRA)**

8 Response to NAGPRA is activated by the possession of human remains or
9 associated cultural items (including funerary objects, sacred items, and objects of
10 cultural patrimony) by a Federally funded repository or by the discovery of human
11 remains or cultural items on Federal or Tribal lands. Under NAGPRA, such
12 remains or cultural items discovered after November 16, 1990 are to be
13 repatriated, upon request, to (in priority order) the lineal descendants, the Tribe
14 that owns the land upon which remains/items were found, the culturally affiliated
15 Tribe, the Tribe within whose aboriginal territory the remains/items were found,
16 and the Tribe with a demonstrated cultural relationship to the remains/items. All
17 remains/items discovered before November 16, 1990 must be reported to the
18 lineal descendents and culturally affiliated Tribe(s).

19 NAGPRA requires formal consultation with the lineal descendents and Tribes
20 regarding the preparation of inventories of any identified remains and cultural
21 items, in the event of the excavation or discovery of remains/items and the
22 disposition of any identified remains and/or cultural items.

23 **4.1.4 Executive and Departmental Actions Issued**

24 **4.1.4.1 Executive Order 11593, Protection and Enhancement of the Cultural** 25 **Environment (1971)**

26 This Order establishes policy that revalidates the Federal Government leadership
27 position, pursuant to NHPA, with respect to the preservation, restoration and
28 maintenance of the historic and cultural environment of the lands comprising the
29 United States.

30 **4.1.4.2 DOD Directive 4710.1 Archeological and Historic Resources Management** 31 **(1984)**

32 This Directive supports the existing DOD policy, and assigns specific authorities,
33 responsibilities and procedures, to integrate any and all archaeologic and historic
34 preservation requirements of applicable laws with the planning and management
35 of activities under DOD control.

36 **4.1.4.3 Executive Order 12875, Enhancing the Intergovernmental Partnership (1993)**

37 This Order acknowledges that while the Federal Government is charged with
38 protecting the health and safety, and promoting other national interests of the
39 nation's citizens, in many instances the cost and complexity of complying with
40 consequent Federal requirement can result in increasing strains on the budgets

1 of Tribal Governments, as well as State and Local Governments. This Order
2 specifies that the Federal Government is charged with seeking ways to reduce
3 the imposition of unfunded mandates by streamlining the availability of and
4 process for administrative waivers that can provide relief from unnecessary
5 regulation from the Federal Government. In addition, the Order specifies the
6 establishment of regular and meaningful consultation and collaboration with
7 Tribal Governments (as well as State and Local Government) on Federal matters
8 that significantly or uniquely affect their communities.

9 *4.1.4.4 Executive Memorandum, Government-to-Government Relations with Native*
10 *American Tribal Governments (1994)*

11 This Memorandum directs the Heads of Executive Departments and Agencies
12 within the Federal Government to interact with Tribes on a formal government-to-
13 government basis. Specifically, each Federal Agency is required to implement
14 any activity or undertaking that may affect Tribal rights or trust resources in a
15 knowledgeable and sensitive manner that respects Tribal sovereignty.
16 Additionally, the Federal Agency is required to consult with Tribal Government(s)
17 prior to any such undertaking, with appropriate steps taken to remove any
18 procedural impediments that hinder effective consultation, and to conduct the
19 consultation in an open and candid manner so that all aspects and impacts of the
20 action/undertaking can be evaluated by all interested parties.

21 This Memorandum reaffirms the position of the Federal Government denoting
22 Tribes as sovereign nations.

23 *4.1.4.5 Executive Order 12898, Federal Actions to Address Environmental Justice in*
24 *Minority Populations and Low-Income Populations (1994)*

25 This Order specifically includes Native American communities in its provisions.
26 DOD, as a Federal agency, is required to identify and address any of its
27 programs, policies and activities that may have a disproportionately high and
28 adverse health or environmental effect on minority or low income populations; is
29 required to enforce all health and environmental statutes, ensure greater public
30 participation, and improve relevant research and data collection; and is required
31 to collect, maintain, analyze and make available to the public information
32 concerning the environmental, health, or economic effect of DOD facilities on the
33 surrounding populations.

34 *4.1.4.6 Executive Order 13007, Indian Sacred Sites (1996)*

35 This Order requires managers of Federal lands to accommodate, to the extent
36 practicable, access to and ceremonial use of sacred sites by Native American
37 religious practitioners; to protect such sacred sites from adverse effects; to hold
38 the location of sacred sites in confidence; and to provide timely notice to any
39 culturally affiliated native group(s) of actions or proposals that might affect sacred
40 sites.

1 4.1.4.7 *DOD Directive 4715.3, Environmental Conservation Program (1996)*

2 This Directive requires managers of lands under DOD control to be aware of and
3 responsive to Native American concerns regarding cultural resources and sacred
4 sites on public lands in their care. DOD land managers must consult with Tribal
5 Governments regarding cultural resources, TCPs and sacred sites. In addition,
6 DOD personnel are required to be specifically educated in Native American
7 cultural and religious concerns, and in the policies and laws relevant to those
8 concerns. The Directive further requires that the sovereign status of each Tribal
9 Government be respected, that the Native American strong connections to
10 traditional Tribal lands and their resources be respected, that certain knowledge
11 about Native American religious and cultural practices be kept confidential, and
12 that DOD personnel responsible for working with Tribal affairs have active
13 training in these matters.

14 4.1.4.8 *Department of the Army, Army Regulation 200-4 (AR 200-4), Cultural*
15 *Resources Management (1997)*

16 This regulation prescribes Department of the Army policies, procedures and
17 responsibilities for attaining cultural resources compliance and management
18 requirements as required by NHPA, AIRFA, Executive Order 13007, NAGPRA,
19 ARPA, and other requirements and policies. The regulation specifically requires
20 the establishment of a Cultural Resources Management Program (CRMP),
21 including the development of Integrated Cultural Resources Management Plans
22 (ICRMP); the use of Programmatic Agreements (PAs) and/or MOAs for NHPA
23 Section 106 compliance; determination of eligibility, nomination, or delisting of
24 installation resources with respect to the National Register of Historic Places; the
25 use of Comprehensive Agreements (CAs) and Plans of Action for NAGPRA
26 compliance; the use of CAs and Interagency Agreements to facilitate compliance
27 with cultural resources requirements; and to established the basis for funding of
28 cultural resources activities with environmental funds.

29 4.1.4.9 *Department of the Army Pamphlet 200-4, Cultural Resources Management*
30 *(1998)*

31 This document provides specific implementing guidance for the policy
32 requirements contained in AR 200-4. It outlines a proposed cultural resources
33 management strategy; provides guidelines for the preparation of an ICRMP;
34 provides implementing guidance for compliance activities pertaining to cultural
35 resource and government-to-government regulation and statutes; contains
36 template PAs for NHPA Section 106 activities and template CAs for NAGPRA
37 activities; and contains guidelines for consultation with Tribal Governments.

38 4.1.4.10 *Department of Defense American Indian and Alaska Native Policy (1998)*

39 This policy formally outlines the guiding principles with which DOD is to interact
40 and work with Federally recognized Native American and Alaska Native
41 governments. The guiding principles consist of the following: DOD will meet its
42 trust responsibilities to the Tribes; DOD will build stable and enduring

1 government-to-government relationships with the Tribes; DOD will fully integrate
2 the principle and practice of meaningful consultation and communications with
3 the Tribes; and DOD will recognize, respect and protect the significance Tribes
4 ascribe to certain natural resources and properties of traditional or customary
5 religious or cultural importance.

6 **4.1.4.11 Executive Order 13175, Consultation and Coordination with Indian Tribal**
7 **Governments (2000)**

8 This Order revokes the previously issued E.O. 13084 (1998), and replaces it with
9 expanded language that more clearly and with more detail outlines the
10 consultation/coordination objectives of the Federal Government. The Order
11 requires that the Federal Government seek every means to conduct meaningful
12 and timely two-way exchanges with Tribal Governments that provide for an open
13 sharing of information and a commitment to consider Tribal views in decision-
14 making and respect of Tribal self-government and sovereignty. The Order seeks
15 to strengthen existing government-to-government relationships with the Tribes,
16 and to reduce the imposition of unfunded mandates upon the Tribes.

17 **4.2 ESTABLISHMENT OF CULTURAL AFFILIATION**

18 Prior to initiating coordination and consultation, FWDA is required to determine,
19 to the extent practicable, each Tribe with a cultural affiliation with the land
20 encompassed by FWDA. NAGPRA (25 U.S.C. 3001(2)) defines cultural
21 affiliation as a relationship of shared group identity which can be reasonably
22 traced historically or prehistorically between a present day Tribe and an
23 identifiable earlier group.

24 Evidence of affiliation can include geographical, kinship, biological,
25 archaeological, anthropological, ethnographic, linguistic, folklore, historic, or
26 other relevant information; oral tradition; or expert opinion. The presence of
27 Federally recognized Native American Tribes in a region and the number of
28 tribes that might have cultural or historic ties to that area may not be identical.
29 Tribes may have ties to land and resources in states in which they no longer
30 have an official presence.

31 When FWDA was placed on the 1988 BRAC list, signifying that the Department
32 of the Army no longer maintained an interest in the continued use of FWDA for its
33 historic military missions, a number of interested parties were initially identified.
34 Two Tribal Governments (the Pueblo of Zuni and the Navajo Nation), whose
35 current territories are situated in close proximity to FWDA and whose
36 documented historic and/or prehistoric use of the land comprising FWDA
37 predates the use by the Army, expressed a substantial interest in the future use
38 of FWDA.

39 In addition, a number of additional Federally recognized Native American Tribes
40 have been identified as having an interest in the lands comprising McKinley
41 County, New Mexico, in which FWDA is located. These Tribes consist of the
42 Pueblo of Acoma, the Comanche Nation, the Hopi Tribe, the Pueblo of Isleta, the

Pueblo of Laguna, the Pueblo of San Ildefonso, and the White Mountain Apache Tribe. Notifications of undertakings at FWDA in recent years that could trigger consultation have been sent to each of these potentially affiliated/interested Tribes. To date, Tribes that have responded to these notifications have deferred consultation activities to the Navajo Nation and the Pueblo of Zuni.

4.3 TRIBAL CONTACT

Environmental restoration activities at FWDA in support of the BRAC closure of the installation were initiated in earnest during mid-1993. Regularly scheduled contact with the Navajo and Zuni through the RAB process was initiated in the fall of 1994. In February of 1997, the BRAC Cleanup Team (BCT) was established, with formal members of the BCT consisting of the FWDA BEC, and the designated points of contact from NMED, USEPA Region 6, and DOI. To date, Tribal interests at the BCT have been represented by DOI as a formal member of the BCT. The Zuni and Navajo have been included as ancillary members of the BCT; each Tribe has been represented at most, if not all, of these meetings. The BCT has been, and will continue to be open to attendance by representatives from any local or regional organization with interest in the future use of FWDA.

From February 1997 until March 2004, the BCT met on a quarterly basis, with the RAB meeting quarterly or twice per year during this period. The BCT/RAB meetings have been suspended since March 2004 because active environmental restoration efforts at FWDA have been on hold pending the development, issuance, public review and finalization of the Permit for FWDA.

As part of the BCT and RAB process, all undertakings associated with the environmental restoration program at FWDA are routinely proposed well in advance of implementation (typically at the draft Work Plan stage) and discussed with the BCT and other attendees. Consensus decisions regarding specific activities are reached, if possible, and plans are modified. As undertakings are implemented, interim progress reports are presented during the conduct of each specific activity. In this manner, FWDA provides advance notice of all undertakings with the potential to affect resources of significance to the Tribes.

In addition to the regularly scheduled BCT and RAB meetings concerning the environmental restoration activities at FWDA, in August 2002, FWDA initiated formal government-to-government consultation with the Navajo Nation and the Pueblo of Zuni, specifically regarding cultural resources within the OB/OD Area subject to closure (i.e., environmental cleanup) under RCRA. In September 2003, the Army initiated a cooperative project with the Pueblo of Zuni, the Navajo Nation and NATHPO for the identification and study of sacred sites and TCPs within the OB/OD Area. A number of interviews with Tribal informants, facilitated by coordination with the Tribes, are documented in an interim report. These activities provided significantly expanded information regarding the presence of, and cultural significance associated with, numerous sacred resources and TCPs that had been previously identified by installation-wide cultural resource surveys conducted by FWDA during the period 1991-1996.

1 In addition, FWDA was included in a study that sought to identify and evaluate
2 key issues of concern to communities regarding activities and operations at and
3 around federal facilities conducted by NEJAC (see Section 3.0), as authorized by
4 the USEPA Office of Environmental Justice. Native American individuals
5 representing a wide range of age groups within their communities were
6 interviewed, as were members of the environmental restoration teams, from both
7 the regulator and regulated perspectives. Input and recommendations from this
8 study have been incorporated into the FWDA Community Relations Plan and this
9 Native American Consultation Plan.

10 **4.4 ORIENTATION MEETING**

11 In January 2006, the Army conducted consultation meetings individually with the
12 Pueblo of Zuni (25 January 2006) and the Navajo Nation (27 January 2006)
13 specifically focused on discussing goals, objectives, and process for the
14 development of the Community Relations Plan, of which this Native American
15 Consultation Plan is an integral part.

16 Based on discussions with the Pueblo of Zuni at the 25 January 2006 meeting,
17 FWDA will plan on a minimum 30 day review period for each document requiring
18 consultation. The level of review required by the Zuni may be different
19 depending upon the specific content of each document and the potential affects
20 of the undertaking described upon any culturally significant resources present.
21 At the time of the meeting, it was decided that three (3) paper copies of each
22 document, and an electronic copy in PDF format, were to be provided to the
23 Tribe. Subsequently, Zuni has requested no hard copies, to be replaced by four
24 (4) electronic copies to be provided on 4 separate compact discs (CDs).

25 At the 27 January 2006 meeting with the Navajo Nation, similar conclusions were
26 reached. FWDA will plan on a minimum 30 day review period for documents.
27 The actual time required will be dependent on the specific complexity of the
28 document. At the time of the meeting, it was decided that three (3) paper copies
29 of each document, and an electronic copy in PDF format, were to be provided to
30 the Tribe. Subsequently, Navajo has requested one (1) hard copy and six (6)
31 electronic copies to be provided on six separate CDs.

32 In order to avoid delays, FWDA will assume concurrence of the Tribes with any
33 documents the Army has not received comments on within 30 calendar days of
34 receipt. If the tribes require additional time for review of documents, an
35 extension of up to 15 days can be made within the initial 30 day period. The
36 request for an extension may be sent by letter or e-mail to the FWDA BEC with a
37 copy to the NMED and Corps of Engineers points of contact shown on Table 2.
38 The request must explain the reasons additional time is needed. These
39 requirements will greatly assist FWDA in the timely execution of the permit
40 requirements and will keep the environmental restoration and unexploded
41 ordnance cleanup activities at FWDA moving forward.

1 Upon receipt of comments from the Tribes, FWDA will schedule a separate
2 meeting with each Tribe (if necessary) with the stated objective of reaching
3 consensus agreement with any issues raised.

4 In response to specific Permit conditions (Permit Sec. I.L), following completion
5 of the consultative review of each document and the consequent issue resolution
6 meetings, FWDA will prepare documentation, in letter format, of the conduct of
7 the consultations and the outcome of those consultations. This letter may
8 document that FWDA and each Tribe have come to agreement on all points
9 raised, in which case the letter documentation will list all issues raised and the
10 manner in which they were resolved. The possibility exists that, in some cases,
11 agreement may not be reached on each point with each Tribe. In this event, the
12 letter documentation will clearly describe all points of both agreement and
13 disagreement and the basis for either. This letter will be appended to the
14 document to which it applies. For all matters relating to the conduct of
15 undertakings at FWDA regulated by the Permit, NMED will be the final arbitrator
16 regarding which course of action is enforceable under RCRA or other authorities.
17 For those points of disagreement that are outside of RCRA, the Tribes or FWDA
18 may seek clarification or resolution via alternative pathways.

19 The planned PA, to be developed in consultation with the Tribes, will outline the
20 specifics of the review and consultation protocols to be used on a project-wide
21 basis. The PA will reference the need for and development of CAs for
22 compliance with NAGPRA statutory requirements. In this manner, the issue
23 resolution process will be handled in a pre-emptive/proactive manner through the
24 final signed PA.

25 **4.5 FORMATION OF A CONSULTATION COMMITTEE**

26 As part of the Orientation Meetings described in Section 4.4, a general
27 organizational structure for the conduct of formal consultation has been
28 developed.

29 **4.5.1 Navajo Nation**

30 For the Navajo Nation, the Tribal Government has authorized the FWDA MOU
31 Team, on behalf of the Navajo Nation, to develop all decisions required by the
32 consultation process for undertakings at FWDA that have the potential to
33 adversely affect sacred resources and/or TCPs. For the Navajo Nation, the
34 Tribal Historic Preservation Officer (THPO) has assumed the NHPA Section 106
35 responsibilities of the SHPO on Tribal lands. However, because the lands
36 comprising FWDA are currently non-Tribal lands, consultation with the Navajo
37 THPO regarding undertakings at FWDA will be in addition to and on the same
38 basis as consultation with the SHPO. For any undertakings at FWDA that could
39 potentially have an affect on Navajo Tribal lands, the THPO will be consulted with
40 in lieu of the SHPO. Figure 7 provides a listing of each individual within the
41 Navajo Nation that has a named role/authority within the FWDA consultation
42 process, and Table 3 provides contact information.

4.5.2 Pueblo of Zuni

For the Pueblo of Zuni, the FWDA MOU Team has been authorized by the Tribal Council to develop all decisions required by the consultation process at FWDA. The Tribal Council will be the final decision making authority. For the Pueblo of Zuni, the THPO has assumed the NHPA Section 106 responsibilities of the SHPO on Tribal lands. Because FWDA is situated on non-Tribal lands, consultation with the Zuni THPO regarding undertakings at FWDA will be in addition to and on the same basis as consultation with the SHPO. For any undertakings at FWDA that could potentially have an affect on Zuni Tribal lands, the Zuni THPO will be consulted with in lieu of the SHPO. Figure 8 provides a listing of each individual within the Pueblo of Zuni that has a named role/authority within the FWDA consultation process, and Table 4 provides contact information.

4.5.3 State of New Mexico

Historic preservation responsibilities and authorities within the State of New Mexico are vested with the Historic Preservation Division of the Department of Cultural Affairs. The Historic Preservation Division may be contacted as follows:

Department of Cultural Affairs
Historic Preservation Division
228 East Palace Avenue
Room 320
Santa Fe, NM 87501
(505) 827-6320
(505) 827-6338 (fax)

The State of New Mexico will be represented on the Consultation Committee by the SHPO, Katherine Slick, who may be contacted as follows:

State Historic Preservation Officer
Katherine Slick, Director
katherine.slick@state.nm.us
(505) 827-4044

4.5.4 Department of the Army

FWDA will be represented within the Consultation Committee by the FWDA BEC, the USACE Program Manager, and the USACE Cultural Resources Specialists. Figure 9 provides a listing of each individual within the Department of the Army that has a named role/authority within the FWDA consultation process.

4.5.5 Department of the Interior

Individuals within the various bureaus of the DOI that have an active role in support of the closure and corrective action activities at FWDA are shown in Figure 10.

4.6 SITE VISITS

Because of the involvement of the Tribes in the BCT and RAB process, Tribal representatives have visited FWDA a number of times to assess the status of the designated land parcels within FWDA. FWDA has provided detailed maps and has provided escort to the Tribes for these reconnaissance visits. In addition, during the development of the Permit, Tribal representatives were able to visit each SWMU and AOC listed in the Permit. As part of the Permit development process, extensive discussions were held among all the stakeholder parties to determine the details of all environmental and cultural resource issues associated with the SWMUs and AOCs.

In accordance with conditions to be outlined in the PA to be developed cooperatively through the consultation process, FWDA intends to continue to provide escorted access to each SWMU and AOC during the work plan development stage as well as during the implementation stage of each environmental restoration undertaking.

4.7 DEVELOPMENT OF MITIGATION RECOMMENDATIONS

As the planning for specific undertakings at FWDA is initiated by the development of work plans subject to consultation, FWDA anticipates that various mitigation scenarios will be required. Cultural and religiously significant resources are known to be present in proximity to areas in which intrusive activities will be conducted. In addition, human remains and associated funerary materials are also known to be present. The proposed PA, to be developed cooperatively through the consultation process, may replace much of the existing language in the portion of this Consultation Plan referring to the NHPA Section 106 responsibilities. The PA will reference the need for and development of CAs for NAGPRA compliance. The text as currently presented should be viewed as general requirements that the proposed PA will, at a minimum, satisfy. The multi-step procedures outlined both in Section 106 of NHPA and the NAGPRA protocols will be covered with increased FWDA specificity within revised text to be generated cooperatively during the consultations conducted for PA and CA development.

The determination of mitigating measures for the protection/preservation of cultural resources will follow the multi-step process outlined in Section 106 of NHPA. NAGPRA will govern all actions taken with regard to human remains and associated funerary materials. In all cases, the location and description of any cultural resources, human remains, and funerary materials will be held in strict confidence. Disclosure of this sensitive information will be limited to only those individuals that are essential for appropriate completion of actions associated with resource protection and preservation and the conduct of the necessary environmental restoration activities. The types and numbers of these individuals will be determined through consultation with the Tribes.

FWDA anticipates that the process of mitigation will take place during the development of work plans addressing each parcel and the SWMUs and AOCs contained within them.

4.7.1 NHPA Section 106 Process

The proposed PA will outline in detail the NHPA Section 106 process on a total FWDA project basis, and will be organized according to the type of activity/undertaking projected. The general Section 106 process is summarized below:

Step 1: Initiate the Section 106 process. FWDA anticipates that many of the environmental restoration activities will be characterized as undertakings that have the potential to cause effects on significant cultural resources. Existing mapping of known resources will be consulted in this determination, and if mapping is not available, site visits with the appropriate stakeholder representatives will be conducted. If the undertaking is determined to have the potential for impacts, the THPO/SHPO will be contacted, although it is likely that in many cases the THPO/SHPO will be involved in the original determination.

Step 2: Identify Culturally Significant Resources. Once the potential for effects has been established, the Area of Potential Effect (APE) will be determined through consultation among the Army, the THPO/SHPO and other designated decision-makers within the stakeholder organizations. Although there is a substantial amount of existing information regarding the types and locations of the culturally significant resources present at FWDA, it is anticipated that there may be the need for additional cultural resource assessment surveys (CRASs) on an area-specific (i.e., parcel, SWMU or AOC) basis. The scope of any CRAS determined to be necessary will be determined through the specific consultation process to be developed cooperatively for the proposed PA. The proposed PA will define the strategies relevant to the protection and preservation of known sites and the discovery and mapping of new sites. FWDA has firm plans to use the resources of both the Zuni and Navajo, to the greatest degree possible, to conduct these additional CRASs.

If, as a result of a CRAS, no culturally significant resources are identified in the area of a planned undertaking, a finding of “no significant resources affected” will be issued and fully documented to the THPO/SHPO and other Tribal decision makers. If significant resources are identified, the process will move on to Step 3 of the Section 106 process.

Step 3: Assess Adverse Effects.

FWDA will assess the potential for adverse effects associated with any proposed undertaking in the APE under consideration, by applying criteria of adverse effect. FWDA-specific protocols will be described in the planned PA to be developed cooperatively through the consultation process. A documented description of the adverse effect(s) will be provided to the THPO/SHPO and other Tribal decision makers. This documentation will form the basis for consultation

1 with the Tribes. Following evaluation of the site-specific effects scenario with the
2 criteria of adverse effect, FWDA may propose a finding of “No Adverse Effect”.
3 At this point, typically, documentation of this finding is provided to the
4 THPO/SHPO and other stakeholder decision makers and a 30 day response
5 period is established. For FWDA, the length of the response period has to be
6 determined through consultation to ensure that the Tribes have sufficient time to
7 engage in meaningful review.

8 Alternately, FWDA may propose a finding of “Adverse Effect”. In this event,
9 consultation will continue under Step 4 of the Section 106 process.

10 Step 4: Resolve Adverse Effects.

11 FWDA anticipates that significant consultation will be required to avoid, minimize
12 or mitigate a wide range of potential adverse effects during the conduct of the
13 required environmental restoration undertakings. Specifically, FWDA expects
14 that certain requirements associated with the Federal RCRA statutes (as
15 enforced by NMED) may conflict with the preservation of the rich diversity of
16 sacred, cultural, and environmental resources present within the installation. The
17 proposed PA, to be developed cooperatively through the consultation process,
18 will address the assessment process based on the projected project/undertaking
19 type and area of the undertaking. Work plans are to be developed for all stages
20 of the RCRA Permit response, ranging from intrusive environmental sampling
21 efforts, and associated logistical tasks, to the selection, design and
22 implementation of a wide range of potentially disruptive cleanup procedures.
23 FWDA will engage in consultation for each step of this process.

24 As agreements are reached regarding the manner in which to proceed with the
25 RCRA Closure and Corrective Action Process, FWDA anticipates that the
26 proposed PA will define specific steps that will be used to document and record
27 the terms and conditions agreed upon to resolve the adverse effects of an
28 undertaking. The THPO/SHPO and other stakeholder decision makers will be
29 closely involved in this process.

30 Because of the potential sensitive nature of many of the culturally significant
31 resources that could be affected by environmental restoration activities at FWDA,
32 all parties involved in the consultation process may consider the use of an MOA
33 to specifically restrict public access to this sensitive information.

34 **4.7.2 NAGPRA Process**

35 If an undertaking that requires consultation as defined by Section 106 results in
36 the inadvertent discovery of human remains or associated or non-associated
37 funerary materials on Federal or Tribal lands within or adjacent to FWDA, the
38 NAGPRA process will be initiated. FWDA understands that, at a minimum, a 30
39 day stoppage in the on-going field activities that resulted in the inadvertent
40 discovery will be initiated to allow for meaningful Tribal consultation.

41 A CA, to be developed cooperatively through the consultation process, will
42 describe NAGPRA needs and requirements on a total FWDA basis, rather than

on a project by project basis. The proposed CA will define the plan of action in anticipation of the probable future discovery of remains and funerary materials. In addition, a limited number of burial sites are currently known to exist within FWDA that contain materials that may require protection and/or repatriation, further emphasizing the need for a plan of action. The plan of action, to be more specifically defined in the proposed CA will consist, at a minimum, of the work elements described in the following outline.

- Identification of known remains or funerary materials that are subject to NAGPRA, and preparation of an inventory and summary of the items.
- Consultation with the Tribes and documentation of a good faith effort to identify, and consultation with, lineal descendants regarding the identification and cultural affiliation of the cultural items listed in the NAGPRA inventory and summary.
- Issuance of notices to lineal descendants and the Tribes describing cultural items and lineal descendancy or cultural affiliation, and preparation of a statement that the cultural items may be repatriated or that ways are to be developed to preserve the items in place.
- Preparation of procedures that outline the planned treatment, care and handling of remains and funerary objects discovered during future undertakings.
- Description of the planned archaeological recording of remains and funerary objects discovered during future undertakings.
- Description of the kinds of analysis planned for remains and funerary objects discovered during future undertakings.
- Definition of the steps to be followed to contact Tribal representatives at the time of excavation or inadvertent discovery of remains and funerary objects discovered during future undertakings.
- Description of the kind of traditional treatment, if any, to be used for remains and funerary objects discovered during future undertakings.
- Definition of the nature of reports to be prepared.
- Description of the planned disposition of the remains and funerary objects.
- Description of procedures to ensure that the plan of action complies with NAGPRA requirements at 43 CFR 10.3f(b)(1), and that the plan is signed by a designated Army official responsible for the actions at FWDA.
- Procedures to ensure that a copy of the plan of action is provided to the consulting lineal descendants and the Tribes.

1 The plan of action will be developed during the CA development process with
2 substantial consultation with the Tribes. FWDA acknowledges that any
3 movement of human remains, funerary objects, sacred objects, or objects of
4 cultural patrimony related to treatment, care, handling, archaeological recording,
5 analysis, disposition or repatriation of these remains or objects will require a
6 specific ARPA permit.

7 Both the NHPA Section 106 and NAGPRA processes will require substantial
8 consultation between the Tribes and FWDA. A potential outcome of this
9 extensive consultation may be disagreement, related to an unfavorable
10 interaction among many competing statutes, executive orders, directives or
11 policies. At this point, the Tribes and FWDA may consider the use of a third
12 party mediator/facilitator (agreeable to all parties) to assist in the attainment of an
13 agreement.

14 **4.8 MAINTENANCE OF ONGOING INTERACTIONS AND MONITORING**

15 **4.8.1 General**

16 FWDA seeks to maintain a working partnership with the Tribal governments
17 throughout the duration of the RCRA Closure and Corrective Action program at
18 the installation. This partnership will be based on shared authority, mutual
19 respect, and a common knowledge base. Details of this working partnership will
20 be described in the proposed PA to be developed cooperatively through the
21 consultation process.

22 FWDA will maintain the Community Relations Plan (incorporating this Native
23 American Consultation Plan) as a living document in acknowledgement that the
24 approach to consultation may need to be updated. All parties should mutually
25 agree on any changes during the consultation period; changes to the plans may
26 be incorporated at least annually. The process by which changes are to be
27 agreed upon and implemented, will be documented in the proposed PA; it is
28 anticipated that proposed updates to the plan will be in the form of signatory
29 requests for changes to requirements within the PA once it is signed by all
30 parties and in effect.

31 The consultation process is based on government-to-government interaction;
32 FWDA will be responsible for obtaining approval from the Tribal Governments
33 during the conduct of consultation to ensure that staff-to-staff relationships do not
34 inadvertently override the required government-to-government interaction.

35 FWDA will maintain accurate contact information in the Plan. Each government
36 should ensure that contact information is updated on a regular basis. Meetings
37 may be appropriate to introduce any new contact persons, particularly when a
38 transition of elected government leaders occurs. In this manner, mechanisms
39 will be put in place to assure that consultation partnerships will carry on even as
40 personnel changes occur.

4.8.2 *Technical Assistance*

An overall objective of the Native American consultation process is to ensure that the number and magnitude of the undertaking(s) do not overburden the potentially limited resources of the Tribes to participate in a meaningful manner. To minimize the impacts of this type of unfunded mandate scenario, FWDA will seek out and investigate ways to provide funding to the Tribes to assist in the review of technical documents subject to consultation, or to assist in the dissemination of pertinent information to geographically spread Tribal populations. Both the Technical Assistance for Public Participation (TAPP) program and the Native American Lands Environmental Mitigation Program (NALEMP) may have components within them that can help support Tribal technical project review needs.

4.8.3 *BRAC Cleanup Team/Restoration Advisory Board Process*

The BCT/RAB process will be an important component in the maintenance of inter-governmental interactions. At the current time, FWDA anticipates that the BCT meetings will be restarted and held on a quarterly basis, with the RAB meetings held twice a year. If, in the future, the flow of restoration actions at the installation proceeds at a pace that overruns the ability of quarterly and/or bi-annual meetings to provide sufficient lead time for meaningful consideration by the Tribes, all parties may agree to increase the frequency of these meetings. Additionally, as needed, FWDA may consider holding additional information workshops or meetings to address specific topics of concern to the Tribes and other stakeholder organizations.

4.9 *TERMINATION OF CONSULTATION*

The ultimate goal of the Army's BRAC property transfer and environmental restoration process is to transfer all of the FWDA parcels to DOI. Upon completion of this transfer, the Army intends to terminate all of the agreements and memorandums established for this purpose. The agreement to terminate would be subject to specific conditions outlined in the proposed PA, to be developed cooperative through the consultation process, and could only be implemented in a mutually agreed upon manner.

5.0 PUBLIC SAFETY PROGRAM

As required by Permit Section I.L.1, this Community Relations Plan contains information relating to a public safety program to “prevent the unknowing or unauthorized entry of persons or livestock onto portions of FWDA where waste military munitions are known or suspected to be present and to inform the public of the presence of any waste military munitions beyond the Facility boundary” (NMED, 2005). At the present time, the primary public safety program element is strict access control (e.g., fencing and security patrols) to areas where munitions are stored or MEC have been encountered. These measures and other public safety program elements are described below. Additional elements will be added as necessary.

5.1 MILITARY MUNITIONS MAP AND TABLE

As required by Permit Section I.L.2, maps showing where MEC items and munitions debris (MD) have been encountered to date are included in Figure 11 (facility wide) and Figure 12 (OB/OD Area).

A table listing specific types (where possible, based on available documentation), locations, and depths where MEC items and/or MD have been encountered is included in Table 5. As noted in the table, with the exception of a few MD locations mapped during recent site walkovers, all of the MEC items encountered to date were either detonated in place or removed from the investigated areas and stockpiled until either being treated in existing detonation craters in the OB/OD Unit or certified as scrap. The table also includes MD that has been recovered, certified, and sent off-site for disposal/recycling.

This map and table will be updated annually (by March 31st of each year following the publishing of this Community Relations Plan), as required by Permit Section I.L.2.

5.2 MILITARY MUNITIONS STORAGE AND DEMILITARIZATION OPERATIONS

All military munitions stored by FWDA during the active mission were removed and transported to other installations around the time of closure in 1993.

To comply with Army safety requirements, buildings and structures with potential to contain explosive residues must be evaluated prior to property transfer. This inspection was performed in 2000 by Army personnel (TEAD, 2000). Of the 732 igloos, 575 were inspected. The 575 igloos inspected were determined to pose no explosive safety hazard and “are safe for welding, drilling, sawing, etc., and sale to the general public.” Following inspection of each of the 575 igloos, a numbered seal was installed to prevent access. In 2005, 53 igloos used by TPL under their facility use contract were returned to FWDA control. These igloos were inspected, determined to pose no explosive safety hazard, and numbered seals were installed to prevent access (TEAD, 2005). In total, 628 of the 732 igloos have been inspected, certified free from explosive hazard, and sealed. The remaining igloos which have not been inspected are either in use [by TPL or

1 MDA (inert storage only)] or could not be inspected (one igloo, G-1359, had a
2 broken door hinge and could not be opened for inspection), and will be subject to
3 the same explosive safety inspection requirements prior to transfer.

4 One igloo (C-1103, located in Parcel 4; see Figure 11) is being used by FWDA to
5 store MEC items recovered during cleanup activities at the Group C and Central
6 Landfills. TPL also stores and performs demilitarization operations on military
7 munitions as part of their contract(s) with DOD. In order to discuss safety
8 regarding these storage and demilitarization operations, terms from the *DOD*
9 *Ammunition and Explosives Safety Standards* (DOD, 2004) must be explained.

10 Ammunition and Explosives (AE) include (but are not necessarily limited to)
11 ammunition, propellants, pyrotechnics, high explosives, guided missiles,
12 warheads, devices, and chemical agent substances and components presenting
13 real or potential hazards to life, property, and the environment.

14 A Potential Explosion Site (PES) is the location of a quantity of AE that will create
15 a blast, fragment, thermal, or debris hazard in the event of an accidental
16 explosion of its contents.

17 An Inhabited Building is a structure (other than AE-related buildings) occupied by
18 personnel or the general public. An Inhabited Building Distance (IBD) is the
19 distance to be maintained between a PES and an Inhabited Building for safety
20 purposes.

21 A Public Traffic Route is any public street, road, highway, navigable stream, or
22 passenger railroad, including roads on a military reservation that are used
23 routinely by the general public for through traffic. A Public Traffic Route Distance
24 (PTRD) is the distance to be maintained between a PES and a Public Traffic
25 Route for safety purposes.

26 Igloo C-1103 is a PES; the MEC items stored there are included in Table 5, and
27 the total net explosives weight is less than 50 pounds. The IBDs (DOD, 2002,
28 Table C9.T1) for a quantity up to 150 pounds net explosives weight are 500 feet
29 in the front and 250 feet to the side and rear, and the PTRDs are 300 feet to the
30 front and 150 feet to the side and rear. IBD and PRTD safety arcs for Igloo C-
31 1103 are shown in an inset map in Figure 11. There are no Inhabited Buildings
32 or Public Traffic Routes within these distances. Access to Igloo C-1103 is
33 restricted by existing security fencing, and access to the area is controlled by the
34 FWDA caretakers. It is anticipated that these items will be transported to and
35 treated at a Corrective Action Management Unit created within Parcel 3 as part of
36 closure activities for the OB/OD Unit.

37 The military munitions and associated components stored by TPL as part of their
38 ongoing operations are not waste military munitions. Access to TPL operations
39 and igloos currently in use by TPL for storage of military munitions and
40 components is restricted by existing security fencing, and the area is guarded 24
41 hours a day, 7 days a week. Persons wishing to enter areas where TPL has
42 operations or storage (e.g., members of the public on site tours) are required to

1 sign in with TPL and receive a safety briefing. TPL safety information (e.g.,
2 storage locations and safety distances such as IBD and PTRD arcs) is generated
3 and maintained by TPL, and will not be included in a public document for security
4 reasons. All required safety distances for TPL operations and storage areas fall
5 within the land area controlled by TPL. When operations require, TPL further
6 restricts access to operational areas using barricades and warning signage on
7 existing FWDA roadways within their operational area.

8 **5.3 EXPLOSIVE SAFETY CONCERNS**

9 Various operations conducted at FWDA in the past (e.g., functional testing of
10 munitions and demilitarization of unserviceable, obsolete, and/or waste
11 explosives, propellants, munitions, and munitions components) have resulted in
12 areas of the installation which presented explosive safety concerns as the
13 environmental restoration program began. The purpose of this section is to
14 summarize efforts to locate, identify, and remove explosive safety hazards as
15 part of the environmental restoration at FWDA.

16 In order to discuss potential safety hazards related to past FWDA operations and
17 current conditions, it is necessary to introduce several terms used in the Army's
18 Military Munitions Response Program (MMRP) (Department of the Army, 2005).

19 Materials potentially presenting an explosive hazard (MPPEH) are defined as
20 material potentially containing explosives or munitions (e.g., munitions containers
21 and packaging material; munitions debris remaining after munitions use,
22 demilitarization or disposal; and range-related debris), or material potentially
23 contaminated with a high enough concentration of explosives such that the
24 material presents an explosive hazard (e.g., equipment, drainage systems,
25 holding tanks, piping, ventilation ducts associated with munitions production,
26 demilitarization, or disposal operations). Excluded from MPPEH are munitions
27 within DOD's established munitions management system and other hazardous
28 items that may present explosion hazards (e.g., gasoline cans, compressed gas
29 cylinders) that are not munitions and are not intended for use as munitions.

30 The term "munitions and explosives of concern" or MEC distinguishes specific
31 categories of military munitions that may pose unique explosives safety risks,
32 and includes:

- 33 • Unexploded ordnance (UXO), as defined in 10 U.S. Code (USC)
34 2710(e)(9);
- 35 • Discarded military munitions (DMM), as defined in 10 USC 2710(e)(2); or
- 36 • Munitions constituents (MC), as defined in 10 USC 2710(e)(3), present in
37 high enough concentrations to pose an explosive hazard.

38 The term unexploded ordnance or UXO means military munitions that:

- 39 • Have been primed, fuzed, armed, or otherwise prepared for action;

- Have been fired, dropped, launched, projected, or placed in such a manner as to constitute a hazard to operations, installation, personnel, or material; and
- Remain unexploded by malfunction, design, or any other cause.

The term discarded military munitions or DMM means military munitions that have been abandoned without proper disposal or removed from storage in a military magazine or other storage area for the purpose of disposal. The term does not include UXO, military munitions that are being held for future use or planned disposal, or military munitions that have been properly disposed of, consistent with applicable environmental laws and regulations.

The term munitions constituents or MC means any materials originating from unexploded ordnance, discarded military munitions, or other military munitions, including explosive and non-explosive materials, and emission, degradation, or breakdown elements of such ordnance or munitions.

The term munitions debris or MD means remnants of munitions (e.g., fragments, penetrators, projectiles, shell casings, links, and fins) remaining after munitions use, demilitarization, or disposal. MD is considered MPPEH until technically qualified personnel either inspect, verify, and certify that it does not present an explosive hazard and consequently is safe for all (e.g., the general public) to receive, or inspect, verify, and certify it as to the explosive hazards it may present to a qualified receiver.

5.3.1 Location, Identification, and Removal Activities Within FWDA Boundaries

MEC activities (i.e., surveys and clearance) have been undertaken at various areas of FWDA including FTR 1 (SWMU 38), FTR 2/3 (SWMU 16), Group C Landfill (SWMU 22), Building 530 (SWMU 72), the Document Incinerator at the Sewage Treatment Plant (SWMU 10), Igloo Block B (AOC 28), the Ballistic Missile Test Site at the former Southern Property (within Parcel 1), and the OB/OD Area. These activities have been conducted to determine the extent of MEC contamination that constituted an imminent and substantial endangerment to the local populace and site personnel, to support the ongoing environmental investigations and RCRA closure activities, and for various construction purposes (e.g., construction of boundary fencing). Additional MEC activities have included avoidance and removal and demolition support during environmental investigation and characterization efforts as well as during building demolition activities.

Areas where MEC activities have been conducted at FWDA are shown in Figures 5 and 6.

5.3.1.1 UXO Survey, 1992-1993

MEC characterization activities initially began at FWDA in 1992. These activities consisted of surveys conducted by UXB International, beginning in November

1 1992 and ending in December 1993 (ERM, 1994), to support the planned
2 environmental investigation activities at areas that had been identified as
3 potentially impacted by MEC. The areas surveyed included FTR 1, FTR 2/3,
4 Group C Landfill/Disposal Area, the Deactivation Furnace at the Workshop Area,
5 the Document Incinerator at the Sewage Treatment Plant, Igloo Block B (possible
6 bomb burial storage test areas), the Ballistic Missile Test Site in the former
7 Southern Property, the OB/OD Area, and several other suspect areas. The
8 survey activities were limited in nature and did not constitute comprehensive and
9 fully documented clearance and removal efforts. The MEC and MD items
10 recovered during these surveys are included in Table 5. In most cases individual
11 items were not mapped as part of this effort, with only outer boundaries of items
12 observed at a given site being documented. These boundaries were used to
13 guide later clearance efforts.

14 5.3.1.2 *Archive Search Report, 1995*

15 Under the requirements of CERCLA for Army remediation of MEC-related sites,
16 an Archive Search Report (ASR) was prepared for FWDA by USACE, St. Louis
17 District in July, 1995 (USACE, 1995). The ASR compiled information obtained
18 through historical research at various archives and records-holding facilities,
19 interviews with persons associated with the site or its operations, review of
20 environmental reports, aerial photographs, and maps, and personal visits to the
21 site. The investigation centered on identifying the exact location of potential
22 environmental contamination from the past demilitarization activities occurring on
23 FWDA. A total of 19 numbered sites and two additional locations were identified
24 as Specific Areas of Concern and were further investigated during the site visits.
25 Additional investigation/work was recommended for more than half of the sites.

26 5.3.1.3 *Explosive Safety Submission, 1995*

27 An Explosive Safety Submission (ESS) (TEAD, 1995) was prepared and
28 addressed the identification and cleanup of MEC including on-site UXO, based
29 on the completed ASR and other data regarding known or potential UXO/MEC
30 locations. The areas identified for additional UXO/MEC identification and
31 clearance in the ESS included the Document Incinerator area (Sewage
32 Treatment Plant), Building 530 (Deactivation Furnace) and surrounding area,
33 FTR 1, FTR 2/3, and Group C Disposal Area. Building 536 (Surveillance
34 Workshop) and Building 528 (ammunition maintenance building) as well as their
35 surrounding areas were also identified for visual inspections for MEC. The ESS
36 indicated that MEC removal actions for Building 503 (TNT Washout Plant) would
37 be addressed in a separate addendum to the ESS. No removal actions were
38 planned for the sites within the OB/OD Area because the Army planned to retain
39 ownership and control of this property.

40 5.3.1.4 *Removal Actions, 1996-1998*

41 The clearance activities identified in the ESS, with some modifications, were
42 completed by CMS Environmental, Inc. from 1996 through 1998 (CMS, 1998a).
43 CMS Environmental performed clearance and sampling activities at seven

1 specified sites in 1996 including the Document Incinerator (Sewage Treatment
2 Plant), FTR 1, FTR 2/3, Current OB/OD Area (stockpiled MEC-related materials
3 only), Group C Landfill/Disposal Area, Deactivation Furnace Area, and the
4 Ballistic Missile Site (Southern Property). Additional MEC activities conducted by
5 CMS Environmental at the OB/OD Area included clearance along five seismic
6 survey lines (1997), clearance along a survey line for a proposed southern fence
7 line (1998), and clearance of a suspected kick-out area outside the eastern fence
8 line designated the OB/OD Area Buffer Zone (1998).

9 As discussed above and shown in Figure 12, a 25-foot wide corridor for a
10 security fence line located south of the Current OB/OD Area and the Buffer Zone
11 located east of the Current OB/OD Area security fence line were cleared by CMS
12 Environmental in 1998. These clearance actions included surface and
13 subsurface clearance to a depth of 4 feet. It was hoped that these actions would
14 establish a southern and eastern boundary of the parcel that needed to be
15 retained by the Army, and clear a small "buffer" zone outside that boundary.
16 However, submunitions and other MEC were found at these areas suggesting
17 additional work should be performed. This led to the next major phase of MEC
18 activities at the OB/OD Area that is discussed below in Section 5.2.1.8.

19 A Statement of Clearance associated with these efforts was issued by the
20 Huntsville Engineering and Support Center of the USACE in December, 1999.
21 The sites addressed by the Statement of Clearance include the Document
22 Incinerator (Sewage Treatment Plant), FTR 1, FTR 2/3, Current OB/OD
23 Detonating Grounds, Group C Disposal Area, Deactivation Furnace Area, and
24 the Ballistic Missile Test Site. The statement recommends use of the cleared
25 areas for any purpose for which the lands are suited (with the exception of a
26 portion of FTR 1, for which more clearance was recommended). A copy of the
27 Statement of Clearance is provided in Appendix D.

28 5.3.1.5 MEC Activities in Support of OB/OD Area Environmental Investigations, 1995- 29 2000

30 MEC activities have been performed in the OB/OD Area to support
31 environmental characterization efforts. These efforts were performed by UXB
32 International from 1995-1996 and by Safe Environment, Inc. from 1997-2000.
33 These activities were focused on providing safe access for environmental
34 characterization in specific areas. Items found during MEC activities in support
35 of environmental investigations are identified in the Phase IA Report (PMC,
36 1999).

37 Various site walkover, geophysical surveys, and preliminary environmental
38 sampling events were conducted during 1995 to support preparation of RCRA
39 Closure Field Program work plans. Numerous MEC items were encountered,
40 including UXO.

41 The implementation of the RCRA Closure Field Program work plans in 1996
42 included excavation of investigation trenches through previously identified
43 geophysical anomalies, MEC-related debris/residue areas, and detonation

1 craters to characterize environmental impacts of historic disposal activities.
2 Locations of geophysical anomalies, debris/residue areas, and detonation craters
3 are shown in Figure 12. Numerous MEC items were encountered, including
4 UXO.

5 *5.3.1.6 Rocket Data Acquisition Summary (RDAS) West Access Road Clearance,*
6 *1997*

7 MEC activities associated with construction of the MDA FWLC were conducted
8 near the northeastern OB/OD Area boundary extending from Demil Road. The
9 MEC activities included the clearance of Rocket Data Acquisition Summary
10 (RDAS) equipment site access road and related features including a vehicle
11 turnaround, pad site, and what is described as the inlet area of roadway pipes (or
12 culvert). The clearance was performed by CMS Environmental in 1997 (CMS,
13 1998b). The surveyed work area is shown in Figure 12. MEC items found during
14 the clearance are summarized in the report (CMS, 1998b) and in Table 5.

15 *5.3.1.7 Building 503 Remediation and Demolition, 1998*

16 The Building 503 remediation and demolition work was conducted by Sciencetech,
17 Inc. from June through December, 1998 (USACE, 2003).

18 Building 503 (TNT Washout and Flaker Building) was identified in the ASR (Site
19 #2) as a location with potential explosives contamination. The building was
20 investigated in 1993 during remedial investigation activities resulting in the
21 confirmation of explosives contaminated equipment and building components,
22 PCB contamination, asbestos containing materials, and lead-based paint. An
23 evaluation of remedial alternatives was conducted by the USACE, Ft. Worth
24 District. The selected remediation alternative, with respect to explosives
25 contamination, included steam cleaning the interior of the building to remove TNT
26 dust, disassembly and removal of TNT process equipment from the building,
27 flash flaming the process equipment and associated piping to destroy remaining
28 explosive residues (conducted at the site), demolition of the building, destruction
29 of remaining potentially explosive residues accumulated in expansion joints and
30 cracks in the building floor slab, removal of the floor slab, removal of the
31 discharge trough, removal of the north and south settling basins, and backfilling
32 and grading of resulting excavations to final elevations.

33 Building materials, process equipment, and contained media (waters and
34 sediments) were inspected and sampled for characterization and off-site
35 disposal. Soils underlying the building slab, discharge trough, and settling basins
36 were sampled to confirm the absence of explosives and related contaminants.

37 *5.3.1.8 Proposed Fence Line and Other Area Clearance, 1998-1999*

38 Additional MEC activities were performed by Environmental Hazards Specialists
39 International (EHSI) during late 1998 and 1999 (EHSI, 2000). This effort resulted
40 in the clearance of OB/OD Area lands to the east of the Current OB/OD Area, a
41 small portion of what was originally scoped along the northern fence line (two
42 grids), Area 16 (SWMU 74, identified in the ASR as Site #16, Proposed Burning

1 Ground), and 21 search routes extending radially from a proposed fence line at
2 the southern half of the Current OB/OD Area. The findings of these efforts were
3 detailed in the *Final OE Location and Removal Report, Fort Wingate Depot*
4 *Activity, New Mexico* (EHSI, 2000). The areas cleared by EHSI are shown in
5 Figure 12, and the MEC and MD items recovered are summarized in the report
6 (EHSI, 2000) and in Table 5.

7 FWDA originally intended to minimize the size of the OB/OD Area parcel to be
8 retained by the Army, in order to release the maximum area possible for
9 beneficial reuse. To serve that purpose, the original scope of the EHSI effort was
10 to clear areas outside the original proposed OB/OD Area parcel (Parcel 3)
11 boundary. The removal action was initially scoped to clear approximately 339
12 acres, as well as a 25-foot wide corridor for an additional southern parcel
13 boundary fence. As shown in Figure 12, grids totaling approximately 82 acres
14 along the eastern side of the OB/OD Area were cleared to varying depths before
15 the removal action was stopped as a result of the amount of MEC-related scrap
16 being found.

17 A new approach, employing predetermined search routes (transects) to establish
18 the presence or absence of MEC and/or MD, was established by USACE,
19 Huntsville. This resulted in 21 linear transects projecting radially (to the east and
20 south) from the previously proposed fence line, as shown in Figure 12. The
21 searches consisted of visual surface sweeps along the transect bearing until no
22 MEC or MD were observed. Magnetometers were then used to investigate for
23 subsurface anomalies. When neither surface nor subsurface anomalies were
24 detected, the spot was marked and surveyed; these end points are shown in
25 Figure 12 as the end of each transect farthest from the OB/OD Area. An
26 additional 100 feet beyond the end point of each transect was then checked for
27 surface and/or subsurface anomalies. Only three MEC items were recovered
28 during the transect searches; all three items were found on Lane #1. No MEC
29 items were found on the remaining transects.

30 5.3.1.9 Group C Landfill and Central Landfill Removal, 1999

31 In 1999, waste and debris were removed from the Group C Landfill (SWMU 22)
32 and Central Landfill (SWMU 21). MEC and MD items were recovered as
33 documented in the report (Sciencetech, 1999). These items are included in Table
34 5, and both the sites generating the items and the current storage location (Igloo
35 C-1103, as noted in Section 5.1) are noted on Figure 11.

36 5.3.1.10 Western Landfill Removal, 2001

37 In 2001, waste and debris were removed from the Western Landfill (part of
38 SWMU 20). No MEC items were recovered during removal activities;
39 approximately 186 tons of MD and metal debris were recovered and recycled as
40 documented in the report (USACE, 2005). The MD quantity is summarized in
41 Table 5.

5.3.1.11 OB/OD Area Western Boundary Fence Line Clearance, 2001

USA Environmental, Inc. performed construction support clearance and removal activities associated with the replacement of the existing 13,000-foot boundary fence line along the western side of the OB/OD Area in the Fall of 2001 (USA Environmental, 2002). USA Environmental investigated 1,173 anomalies and located one UXO item requiring demolition. The fence line work area is shown in Figure 11. MEC items and MD found during the clearance are summarized in the report (USA Environmental, 2002) and in Table 5.

5.3.2 Location, Identification, and Removal Activities Beyond FWDA Boundaries

A 250-acre area located to the west of the OB/OD Areas outside the FWDA western property boundary was cleared to a depth of 1 foot bgs in 1995 (UXB, 1995). This area consisted of off-site property identified as being contaminated with surficial MEC and MD from historical OB/OD Area operations ("kick-out") during a site survey conducted by USACE, Huntsville Division. The surveyed work area is shown in Figures 5 and 6. MEC items found during the clearance effort are identified in the report (UXB, 1995) and included in Table 5.

5.4 FENCING AND SIGNAGE

Where an area containing potential or documented explosive safety hazards has not been cleared and a clearance statement obtained, FWDA will maintain access control via fencing and warning signage as required in Permit Section II.C.3.

Warning signs will be posted so as to be visible from any angle of approach to the fenced area and will be legible at least 25 feet away. Signs will be posted at intervals not greater than 100 feet. The warning signs will be multi-lingual, with "DANGER, EXPLOSIVES, DO NOT ENTER" in English, Spanish, Navajo, and Zuni languages. Signage will also include graphic symbols or pictograms that indicate an explosive safety hazard exists.

5.5 SAFETY VIDEO

A video containing FWDA safety information has been produced by the BIA, the Navajo Nation, and the Pueblo of Zuni, in cooperation with FWDA. The video is multi-lingual, at various points containing dialogue and captions in English, Navajo, and Zuni. A copy of this video in digital video disc (DVD) format is included in Appendix E.

As part of the Public Safety Program, FWDA will make additional copies of this video available in VHS and DVD formats. Copies of the video can be obtained by contacting the FWDA BEC (see Table 2 for contact information).

6.0 REFERENCES

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1 TEAD, 2005. Memorandum, Return of D Area Magazines at Ft. Wingate to U.S.
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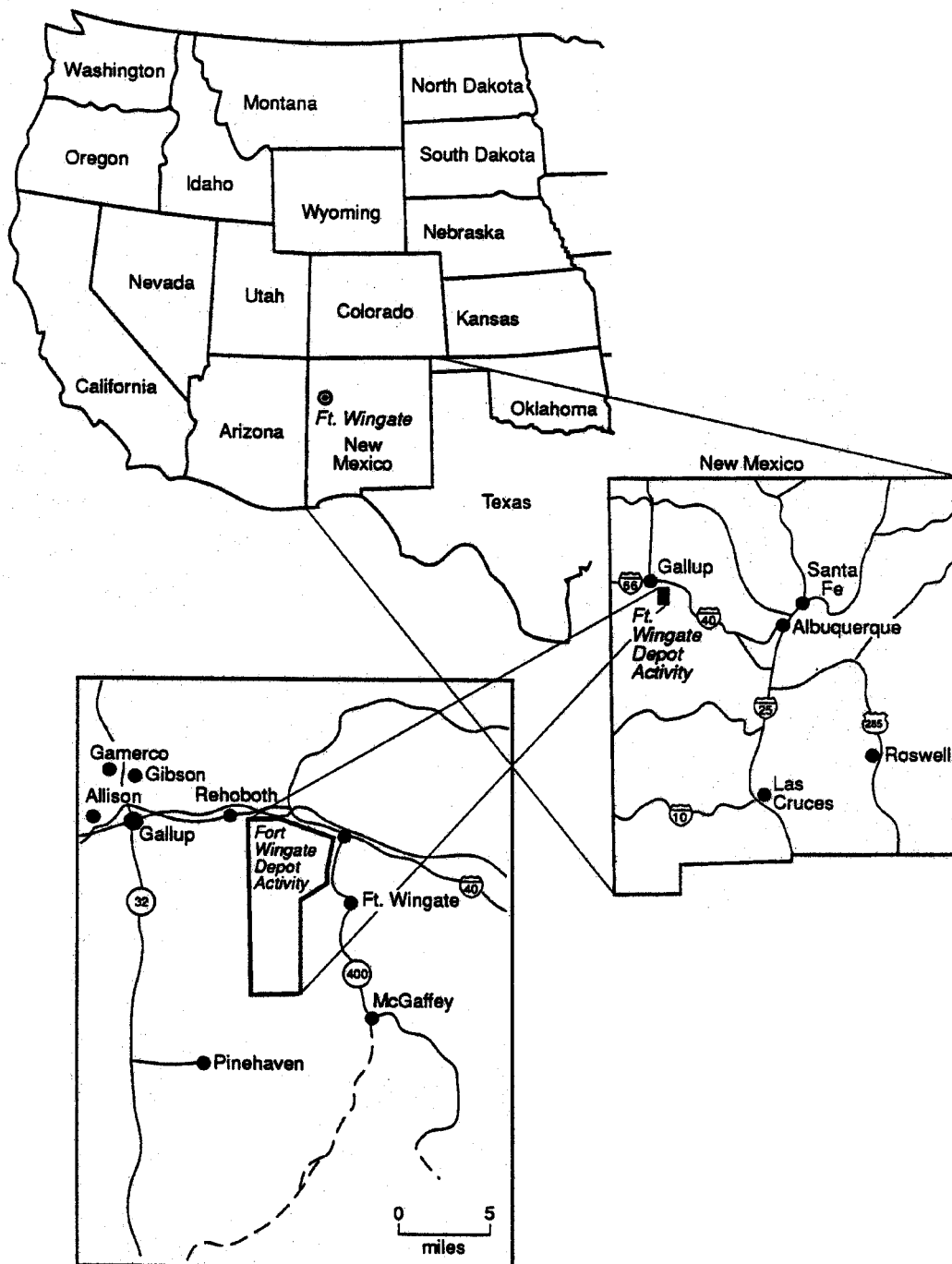
6 USACE, 2003. Remedial Action Summary Report, Remediation and Demolition
7 of Building 503, Fort Wingate Depot Activity. U.S. Army Corps of Engineers, Fort
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9 USACE, 2005. Western Landfill, Fort Wingate Army Depot. U.S. Army Corps of
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11 USA Environmental, 2002. Final Site Specific Final Report, Ordnance and
12 Explosive Construction Support, Western Boundary Fence Line, Fort Wingate
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FIGURES

Figure 1
Installation Location
Fort Wingate Depot Activity
McKinley County, New Mexico

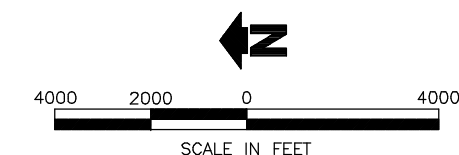
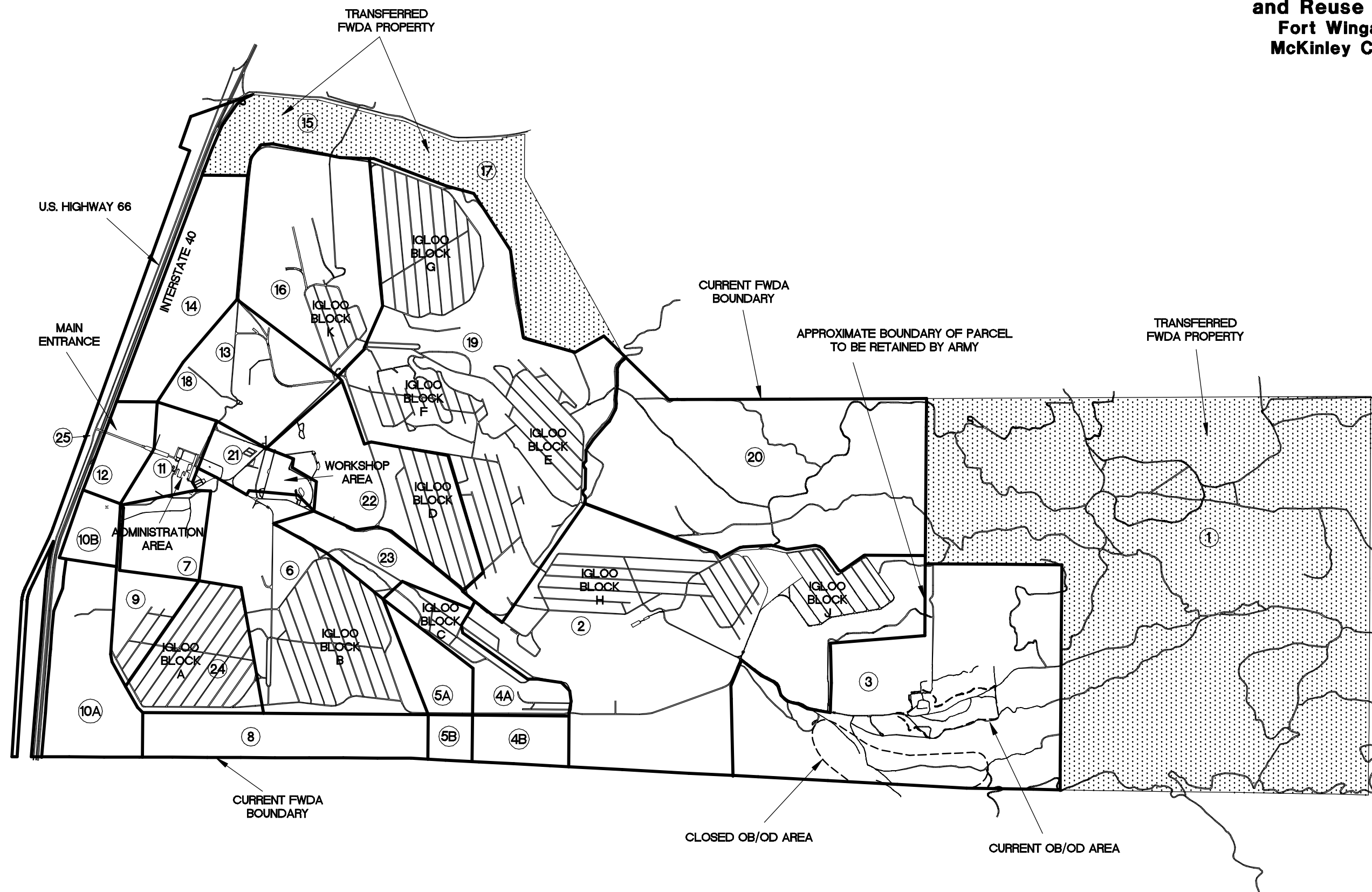


SOURCE: "MASTER ENVIRONMENTAL PLAN: WINGATE DEPOT
 ACTIVITY, GALLUP, NEW MEXICO," DECEMBER 1990.



NOT TO SCALE

Figure 2
Historical Land Use
and Reuse Parcel Boundaries
Fort Wingate Depot Activity
McKinley County, New Mexico



REV. NO.	DATE	DESCRIPTION OF REVISION	REV. BY	ENG	CHKD BY	APPROV BY
PROJECT MANAGER:	E. KAMMERER	DRAWN BY:	D. TAYLOR	DATE:	05.12.06	

TerranearPMC
 WHITE LAND BUSINESS PARK
 835 SPRINGDALE DRIVE, SUITE 201
 EXTON, PA 19341-2843
 (610) 862-5000 PHONE
 (610) 862-5050 FAX

FIGURE 3
SWMU AND AOC LOCATIONS
FACILITY WIDE

Fort Wingate Depot Activity
McKinley County, New Mexico

PROJECT NO.	FILE NO.	CHKD:	DRAWING NUMBER	REV. NO.
33101		ENG.	20A402	0
		APPV:	SCALE: 1" = 1,500'	

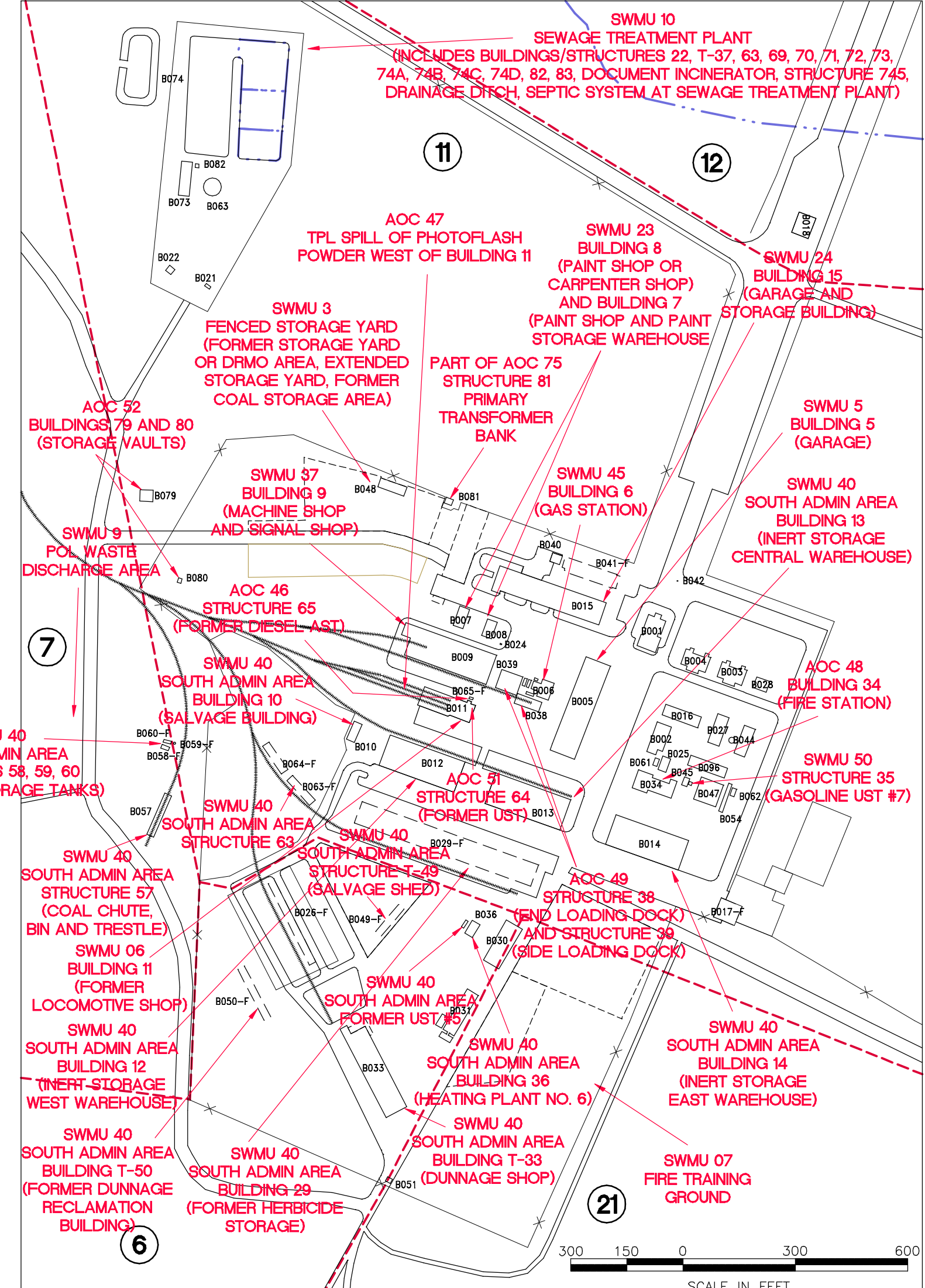
SWMUS/AOCs NOT SHOWN ON MAP

AOC 75 - 65 ELECTRICAL TRANSFORMERS

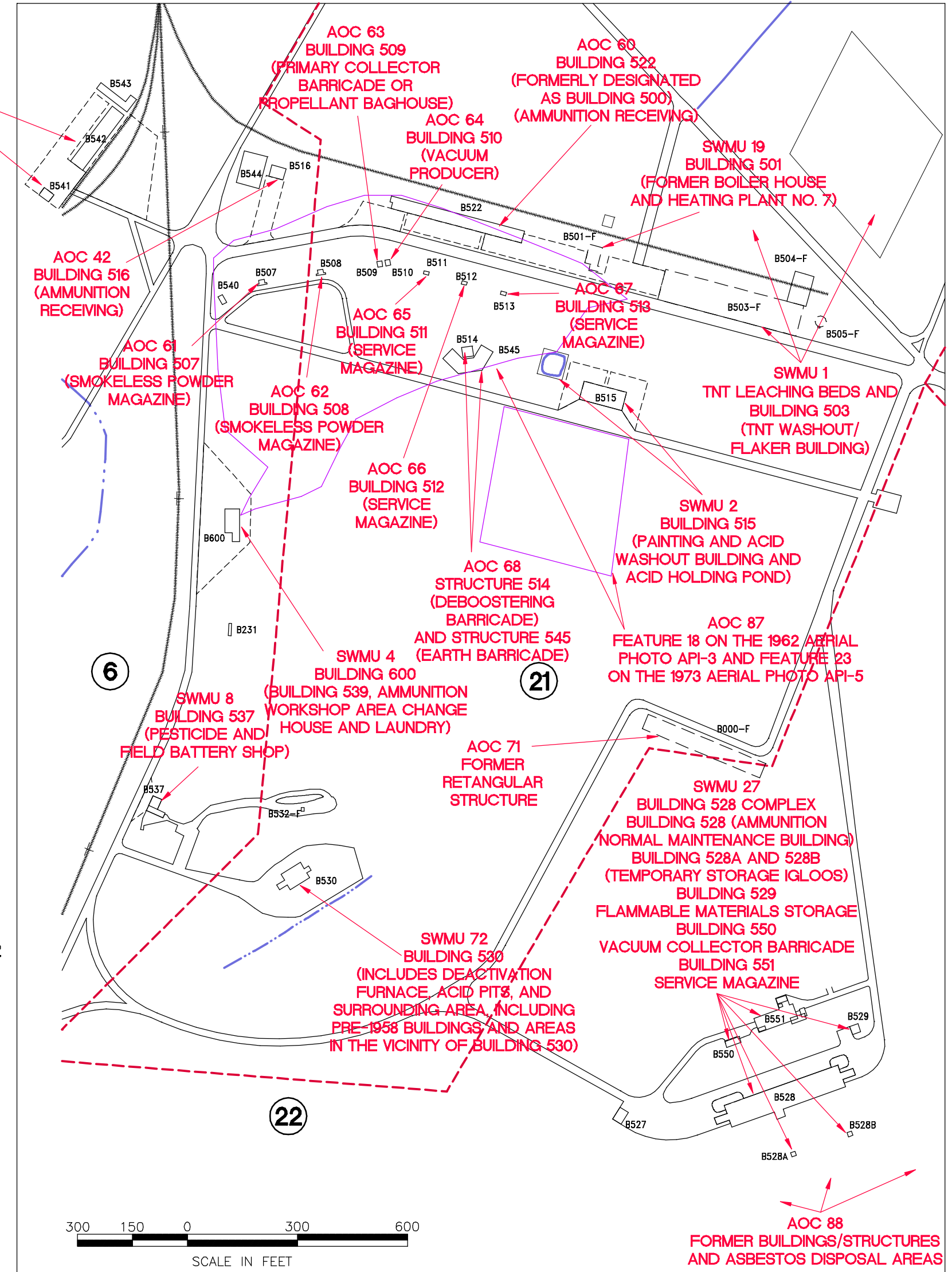
SWMU 40 (SOUTH ADMIN AREA) - BUILDING T-34, WOOD SHOPS

FEDERAL GOVERNMENT
BLM MANAGED

ADMINISTRATION AREA



WORKSHOP AREA



CIBOLA NATIONAL FOREST

LEGEND

- APPROXIMATE EXTENT OF MEC CLEARANCE ACTIONS
- MEC AREAS OF CONCERN
- HOGBACK
- ARROYOS
- PROPERTY TRANSFER PARCEL BOUNDARIES
- BLM/MDA FENCE
- TRANSFERRED FWDA PROPERTY
- SWMUs OR AOCs THAT REQUIRE CORRECTIVE ACTION
- FWDA PROPERTY BOUNDARY, FEBRUARY 2002

1,500 750 0 1,500 3,000
SCALE IN FEET300 150 0 300 600
SCALE IN FEETFEDERAL GOVERNMENT
BLM MANAGED1,500 750 0 1,500 3,000
SCALE IN FEET

Figure 4
Location of FWDA and Surrounding Communities
Fort Wingate Depot Activity
McKinley County, New Mexico

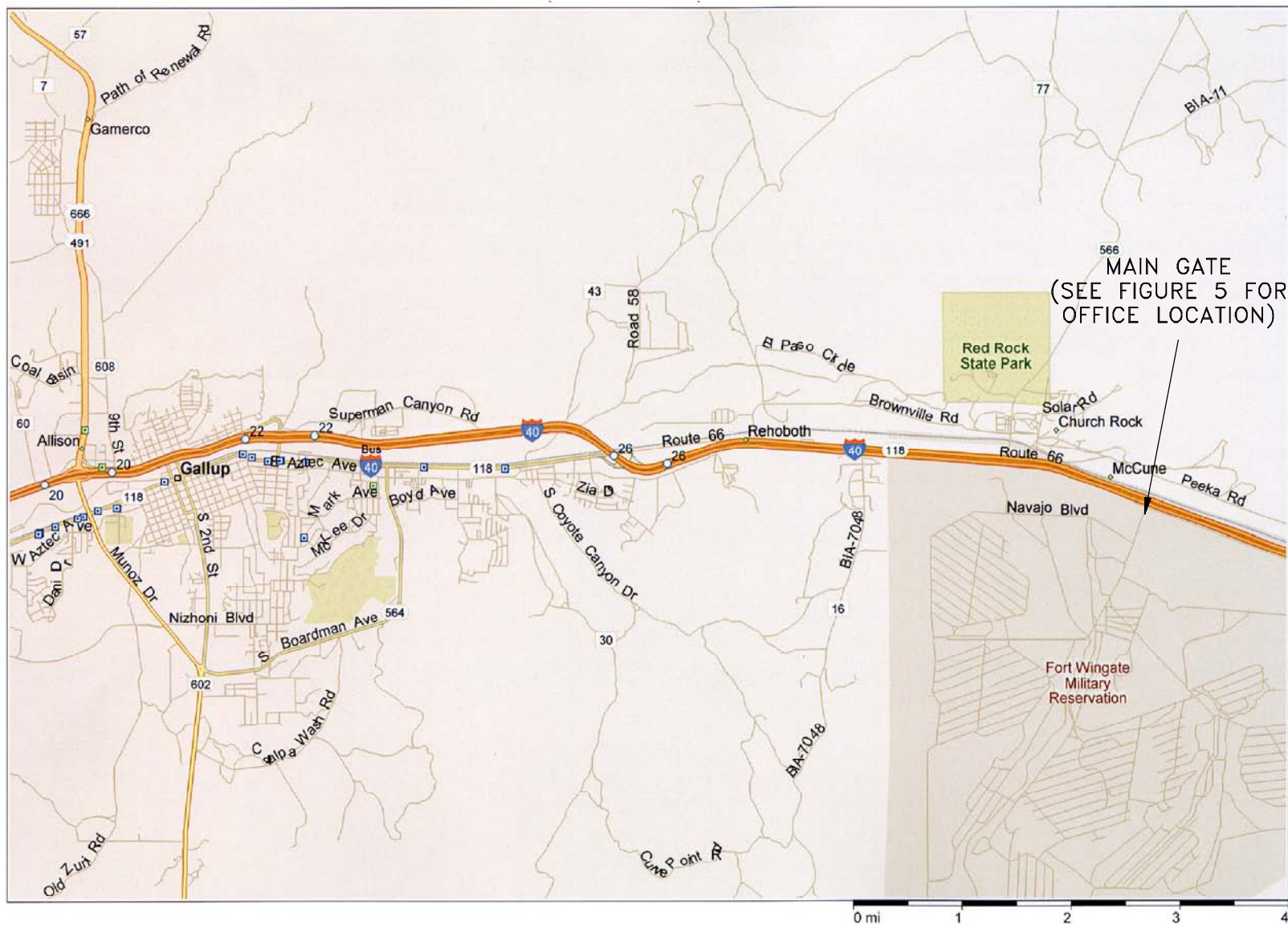


Figure 5
BRAC Environmental Coordinator
Office Location Map
Fort Wingate Depot Activity
McKinley County, New Mexico

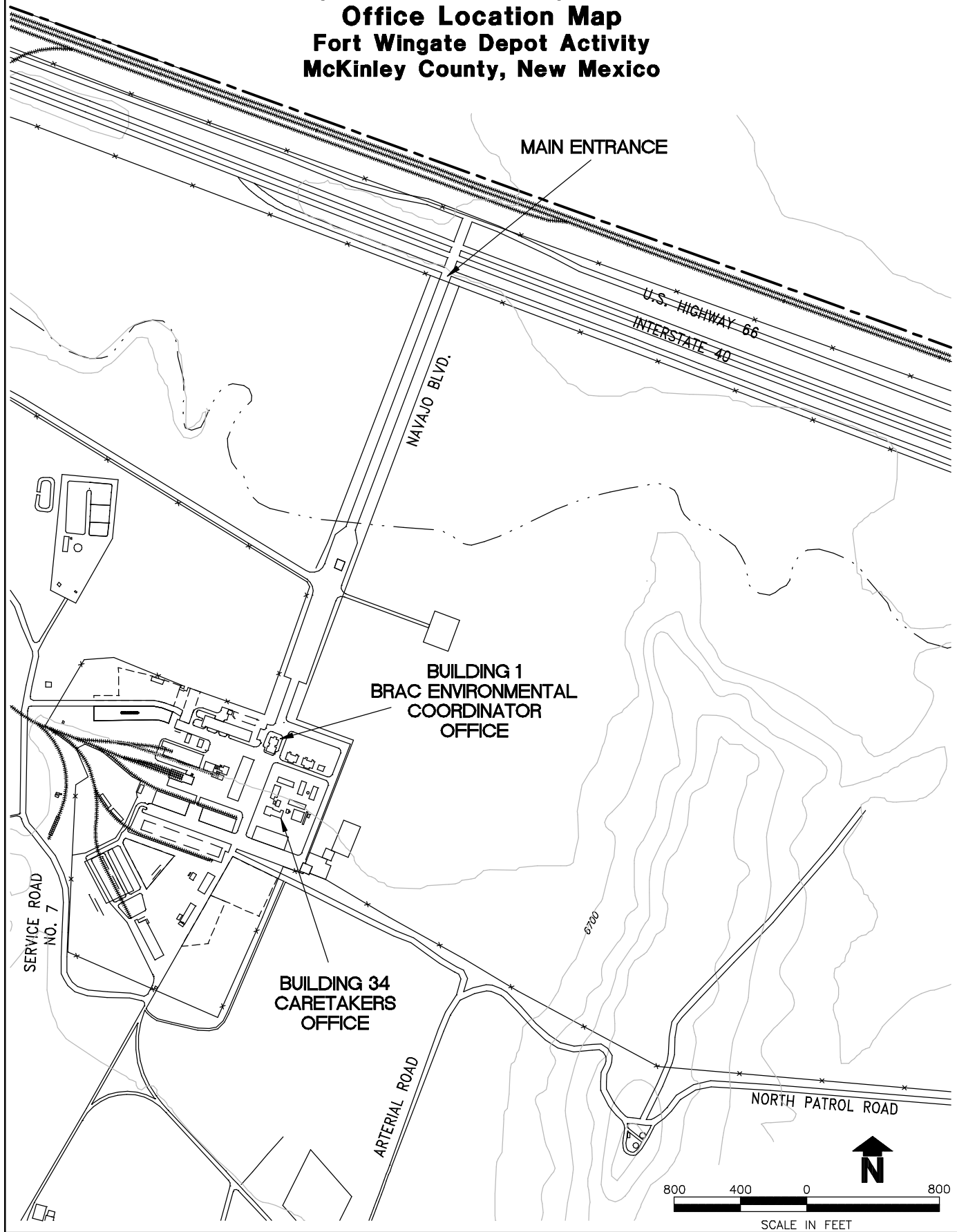


Figure 6
Information Repository Location
Fort Wingate Depot Activity
McKinley County, New Mexico

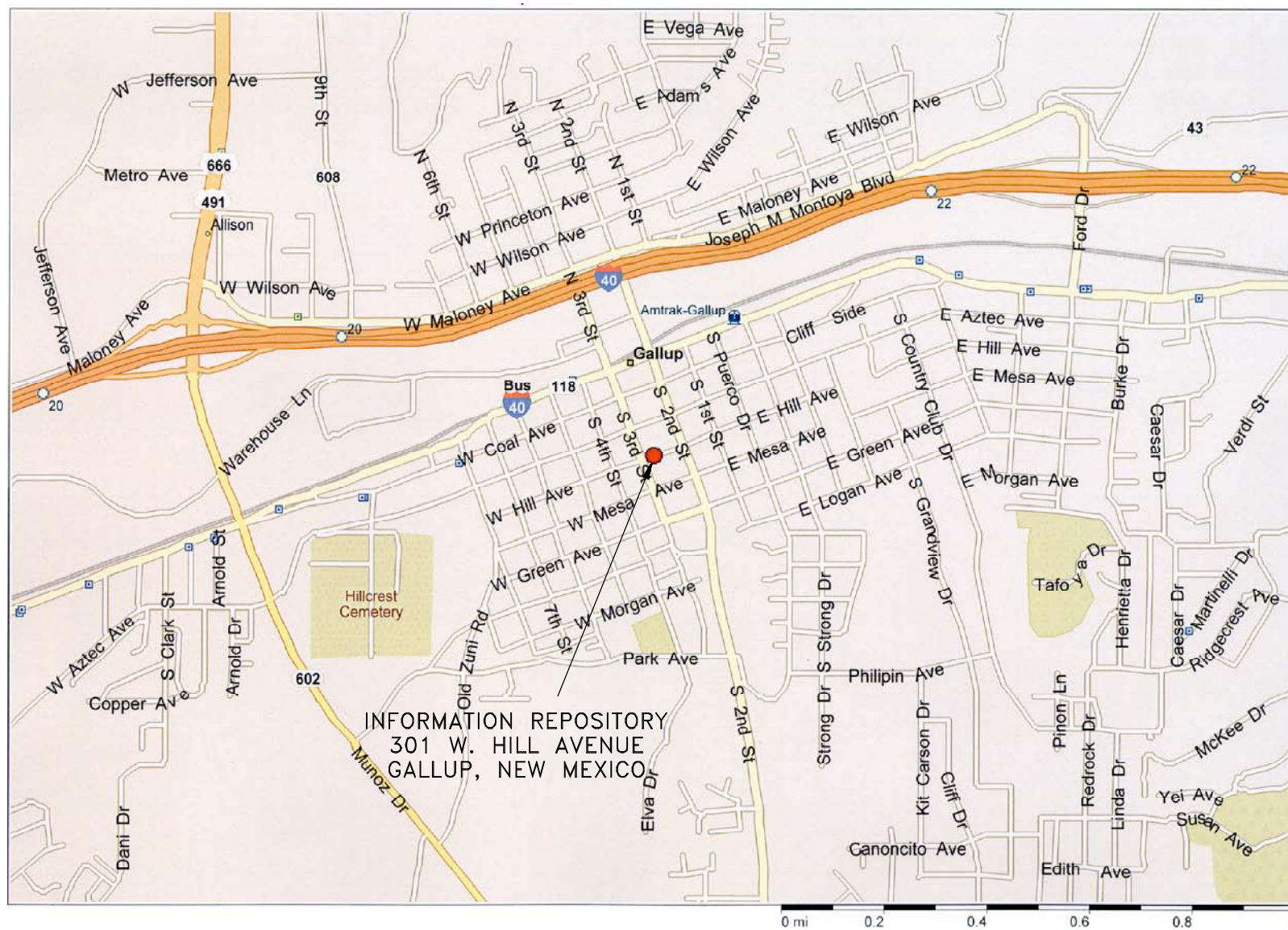


Figure 7
Navajo Nation Fort Wingate Project Organizational Chart

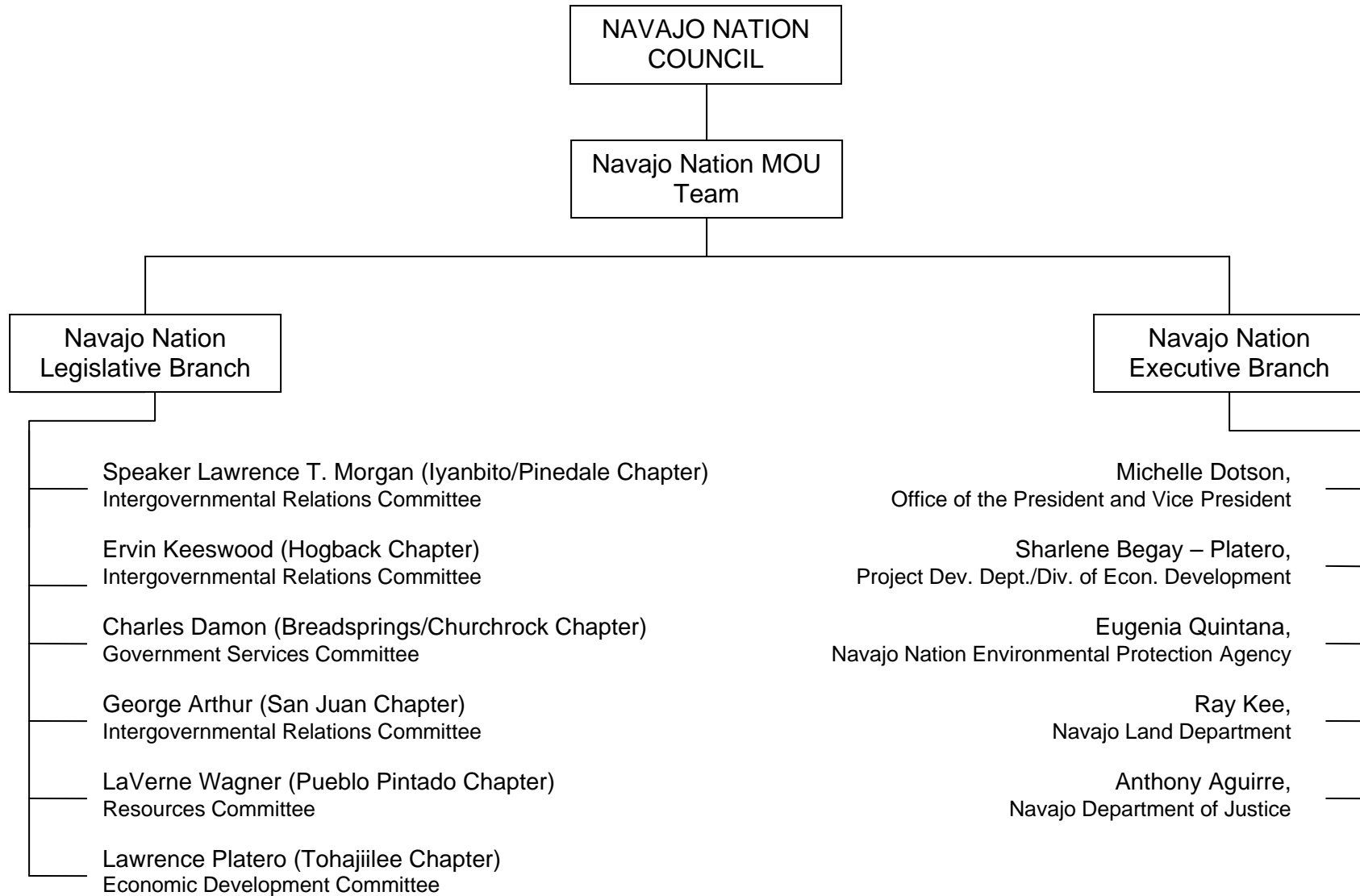


Figure 8
Pueblo of Zuni Project Organizational Chart

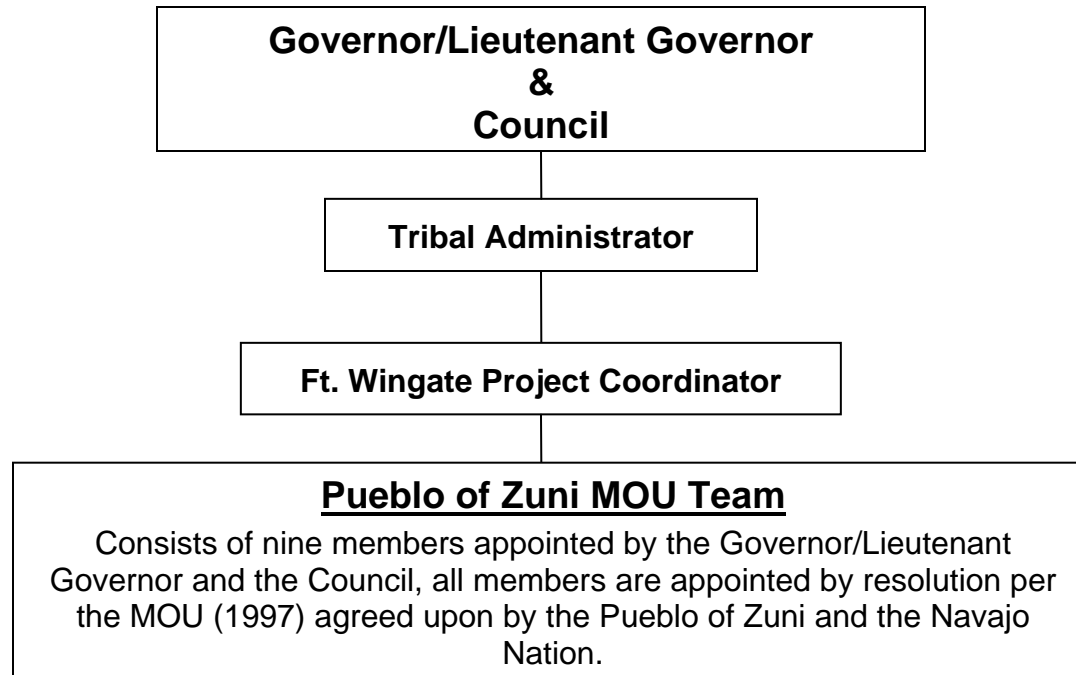


Figure 9
Army Project Organizational Chart

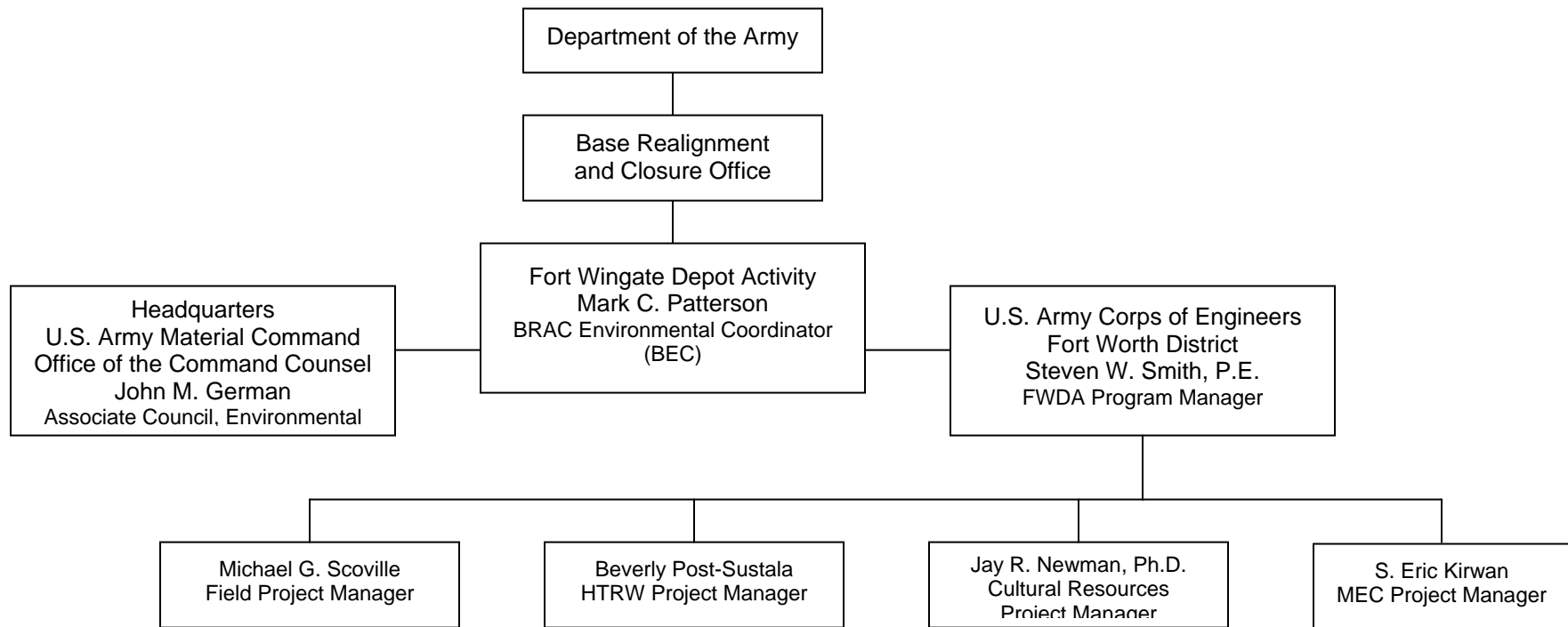
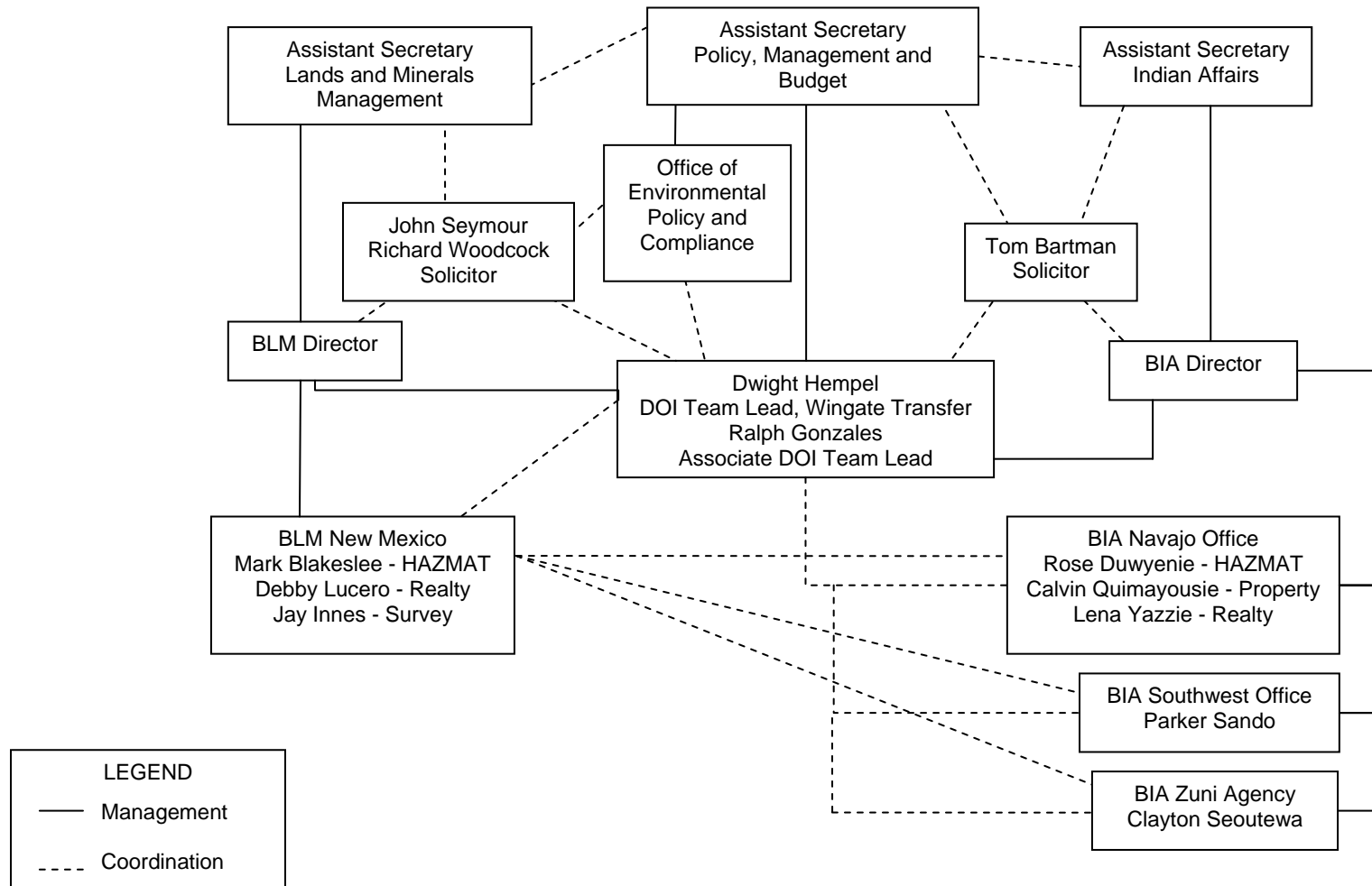


Figure 10
Department of the Interior
Project Organizational Chart



REV. NO.	DATE	DESCRIPTION OF REVISION	REV. BY	ENG	CHKD BY	APPRD BY
PROJECT MANAGER:	E. KAMMERER	DRAWN BY:	D. TAYLOR	DATE:	08.29.06	

TerranearPMC
WHITELAND BUSINESS PARK
805 SPRINGDALE DRIVE, SUITE 201
EXTON, PA 19341-2843
(610) 862-5000 PHONE
(610) 862-5050 FAX

**FIGURE 11
MILITARY MUNITIONS MAP
FACILITY WIDE**

**Fort Wingate Depot Activity
McKinley County, New Mexico**

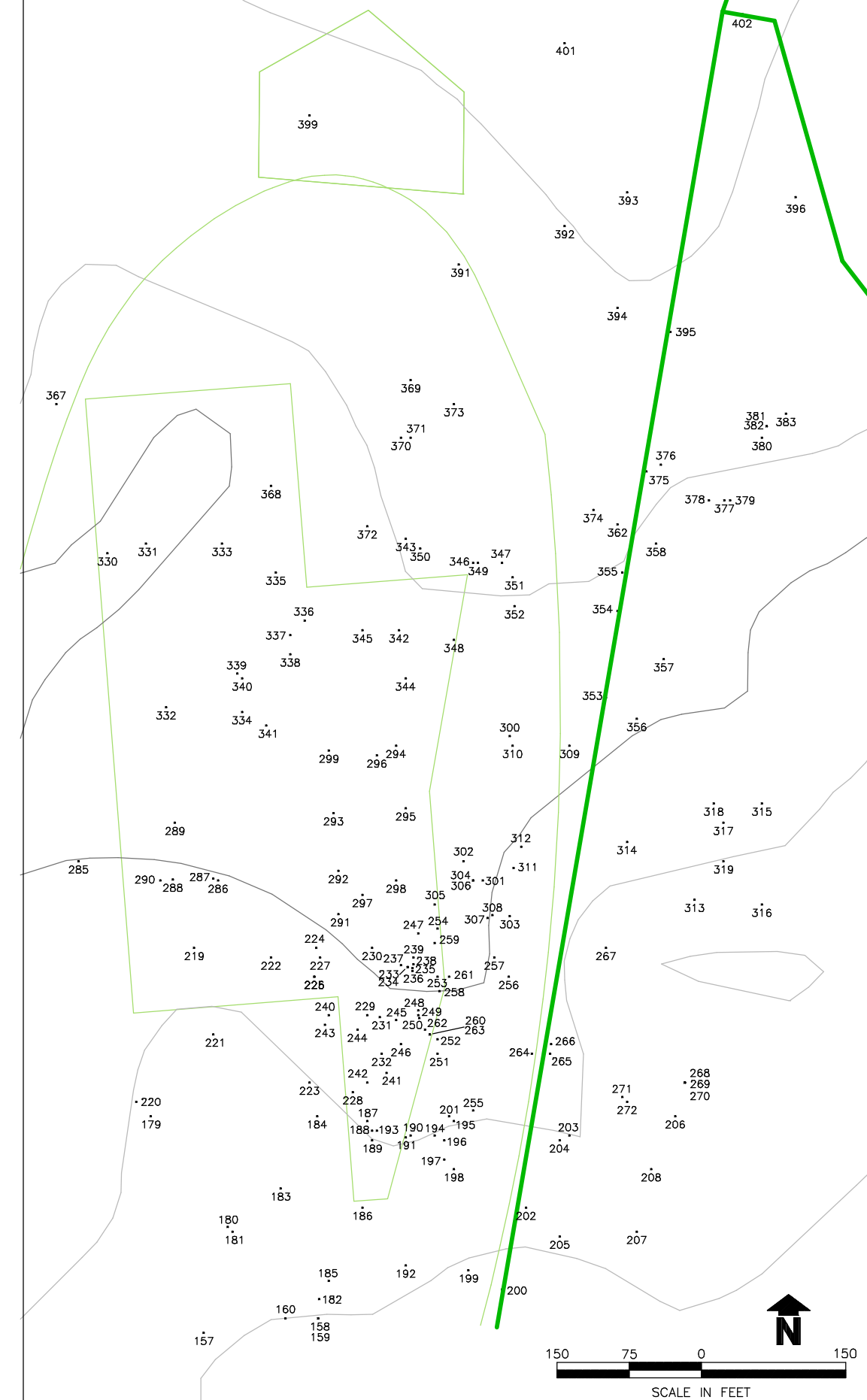
PROJECT NO.	FILE NO.	CHKD:	DRAWING NUMBER	REV. NO.
33101		ENG.	20A401	0
		APPRD:	SCALE: 1" = 1,500'	

SWMUs/AOCs NOT SHOWN ON MAP

AOC 75 - 65 ELECTRICAL TRANSFORMERS

SWMU 40 (SOUTH ADMIN AREA) - BUILDING T-34, WOOD SHOPS

FUNCTIONAL TEST RANGE 1



TABLES

Table 1
SWMU and AOC Summary Table
Fort Wingate Depot Activity
Gallup, New Mexico

SWMU/AOC Number ¹	Parcel Number ²	Description	Environmental Characterization Completed ³	Summary of Environmental Condition
SWMU 1	21	TNT Leaching Beds & Building 503	RFI completed for surface and subsurface soils and ground water, report submitted 2001 Additional monitoring wells installed and sampled 2002-2003, report pending Bldg. 503 demolished in 1998	Soils and ground water impacted by discharges
SWMU 2	21	Building 515 (Painting and Acid Washout Building and Acid Holding Pond)	During the RI, three surface soil and 24 subsurface soil samples were collected and analyzed for explosives, SVOCs, pesticides, PCBs, metals, nitrate/nitrite, total phosphorus During the RI one monitoring well was installed and sampled for explosives, metals, nitrate/nitrite, nitrate, and anions	RI found elevated concentrations of pesticides and metals (chromium, copper, lead, and zinc) in 2 of 3 surface soil samples; elevated metals in subsurface soils RI found elevated ground water concentrations of metals (barium, chromium, selenium, and zinc) and fluoride
SWMU 3	11	Fenced Storage Yard (Former Storage Yard or DRMO Area, Extended Storage Yard, Former Coal Storage Area)	During the RI, 21 surface soil and 39 subsurface soil samples were collected and analyzed for VOCs, SVOCs, PCBs, metals During the RA, six surface soil samples in this area were collected and analyzed for metals as part of "Administration Area" reference sampling	RI found elevated concentrations of a few VOCs and metals, arsenic as high as 12 ppm RA found elevated metals (cadmium, chromium, lead, and thallium)
SWMU 4	6	Building 600 (Building 539, Ammunition Work Shop Area Change House and Laundry)	Soil investigation included eight subsurface soil samples around abandoned cesspool, one surface soil sample at outfall to arroyo, and one sanitary sewer manhole sediment sample; samples analyzed for explosives, VOCs, SVOCs, and TAL metals Ground water investigation combined with SWMU 1 (TNT Beds) and SWMU 11B (Bldg. 542)	No explosives detected in cesspool borings, outfall to arroyo, or manhole sediment samples SVOCs and metals detected in cesspool borings Metals detected in outfall sample VOCs, SVOCs, and metals detected in manhole sediment sample Explosives detected in ground water
SWMU 5	11	Building 5	During the RI eight surface soil and 12 subsurface soil samples were collected and analyzed for VOCs, SVOCs, and pesticides; one sump sediment sample was collected and analyzed for VOCs, SVOCs, pesticides, and metals USACE, Albuquerque collected additional surface and subsurface soil samples analyzed for pesticides Pesticide contaminated soils on east side removed in 1998; estimated 1 foot excavated over entire length; five post-removal soil samples collected During the RA, one water sample and two sediment samples were collected from storm drainage system and analyzed for VOCs, SVOCs, pesticides, PCBs, and metals	RI found elevated pesticides in soil along east side of building and one pesticide in wash rack sump Extent of elevated soil pesticide levels delineated and removed RA identified elevated levels of PAHs, pesticides, and PCB 1260 in sediments present in two storm sewer manholes at NE and SE corners outside of building

Table 1
SWMU and AOC Summary Table
Fort Wingate Depot Activity
Gallup, New Mexico

SWMU/AOC Number ¹	Parcel Number ²	Description	Environmental Characterization Completed ³	Summary of Environmental Condition
SWMU 6	11	Building 11 (Former Locomotive Shop)	RI and further characterization efforts identified PCB contamination inside building, some evidence of release to the environment outside building (PCBs in sanitary sewer) Building remediated/demolished in 2002; additional soil removed in 2003	PCBs resolved under TSCA with USEPA Region 6
SWMU 7	21	Fire Training Ground	During the RI, six surface soil and 22 subsurface soil samples were collected and analyzed for VOCs, SVOCs, and metals During the RA, 28 surface soil samples were collected and analyzed for metals and 16 subsurface soil samples were collected and analyzed for VOCs, SVOCs, and metals	RI found elevated metals (arsenic > 3ppm) and trace VOCs and SVOCs in a few samples RA found one location with SVOCs, a few very low VOC levels (<1ppm) which are probably lab contaminants RA found elevated metals (cadmium, chromium, lead, nickel, thallium, vanadium, and zinc)
SWMU 8	6	Building 537 (Pesticide and Field Battery Shop)	During the RI, six subsurface soil, one sump sediment, one sump water and five wipe samples analyzed for pesticides During the RA, seven surface soil samples were collected and analyzed for herbicides, metals During the RA, four surface soil samples were collected and analyzed for VOCs, SVOCs, pesticides, PCBs, herbicides, metals During the RA, 59 soil samples were collected and analyzed with chlordane test kits, and 18 confirmatory lab samples were collected and analyzed for chlordane During the RA, one septic tank sediment sample and two soil samples near septic tank outfall were collected and analyzed for VOCs, SVOCs, pesticides, PCBs, metals PCB impacted soil "hotspot" (greater than 1 ppm; approximately 187 tons) removed in 2003 and disposed in chemical waste landfill Concrete pad with drain formerly located east of Building 537 reportedly a shed used for battery draining and refilling; pad removed 2003; this structure was not a UST as suspected in other documents	RI found elevated levels of pesticides (only constituents analyzed) RA found elevated levels of chlordane, and metals including lead, copper, zinc RA found PCB1260 in all 4 samples tested RA found elevated metals (arsenic = 19 ppm, barium = 410 ppm cadmium = 1.9 ppm, chromium = 23.1 ppm, mercury = 1.5 ppm, nickel = 15.7, zinc=99.8) and PCB1260 in septic tank sediment and water valve box; PAHs also in septic tank sediment Approximately 260 cubic yards of PCB impacted soil greater than 1 ppm remain in place; amounts of pesticide and metals impacted soils also remain Building currently being utilized by TPL for demilitarization operations
SWMU 9	7	POL Waste Discharge Area	During the RI, five surface soil, 30 subsurface soil and three surface water samples were collected and analyzed for VOCs, SVOCs, PCBs, and metals	RI did not identify elevated levels of constituents (zinc slightly above background at the time)

Table 1
SWMU and AOC Summary Table
Fort Wingate Depot Activity
Gallup, New Mexico

SWMU/AOC Number ¹	Parcel Number ²	Description	Environmental Characterization Completed ³	Summary of Environmental Condition
SWMU 10	11	Sewage Treatment Plant (includes Buildings/ Structures 22, T-37, 63, 69, 70, 71, 72, 73, 74a, 74b, 74c, 74d, 82, 83, document incinerator, Structure 745, drainage ditch, septic system at sewage treatment plant)	<p>During the RI, 15 subsurface soil samples were collected and analyzed for explosives, VOCs, SVOCs, metals, nitrate/nitrite, total phosphorus</p> <p>During the RI, one monitoring well was installed and ground water samples were collected and analyzed for metals (total and dissolved), anions, total hardness, and trihalomethanes</p> <p>MEC and MEC-related scrap cleared in 1998; no environmental sampling after removal, but site is within fence for active sewage treatment plant</p> <p>RA collected 2 soil and 1 septic tank sediment samples analyzed for VOCs, SVOCs, pesticides, PCBs, and metals</p>	<p>RI found elevated metals</p> <p>RI found elevated ground water metals concentrations; chloride and sulfate concentrations exceeded secondary MCL concentrations</p> <p>A copy of the MEC clearance statement is included in Appendix D</p> <p>RA found elevated metals</p> <p>This is an active sewage treatment plant receiving sewage from current installation activities</p>
SWMU 11	6	Building 542 (Ammunition Workshop) and Building 541	<p>Soil investigation included eight wipe samples from stained areas on loading docks, eight surface soil samples along loading docks (test kit analysis), two subsurface samples along loading dock, eight subsurface soil samples around cesspool, one cesspool sediment sample, one surface soil sample from cesspool out fall, one septic tank sediment sample, one septic tank water sample, and 20 subsurface soil samples within septic tank drain field; samples were analyzed for explosives, VOCs, SVOCs, and TAL metals (not including those samples analyzed by test kits, which were explosives only)</p> <p>Ground water investigation included installation of six monitoring wells around this SWMU and SWMU 4 (Bldg. 600); ground water samples were analyzed for explosives, metals, nitrate/nitrite, and nitrate</p>	<p>Cesspool and septic tank filled and abandoned IAW NMAC requirements</p> <p>HMX detected in wipe samples from loading docks</p> <p>HMX , RDX, one VOC, SVOCs, and metals detected in subsurface samples next to east loading dock</p> <p>VOCs, SVOCs, and metals detected in cesspool sediment and borings</p> <p>One VOC, SVOCs, and metals detected in septic tank and drain field samples</p> <p>No shallow (unconsolidated) water bearing zones encountered</p> <p>TPL has/had operations in this building, including HMX recovery</p>
SWMU 12	22	Building 536 (Inspectors Workshop and Ammunition Renovation Depot)	None (not identified as a SWMU prior to Draft Permit)	Unknown

Table 1
SWMU and AOC Summary Table
Fort Wingate Depot Activity
Gallup, New Mexico

SWMU/AOC Number ¹	Parcel Number ²	Description	Environmental Characterization Completed ³	Summary of Environmental Condition
SWMU 13	18	Eastern Landfill	<p>During RI, geophysical investigation was performed to locate landfill; nine subsurface soil samples were collected and analyzed for VOCs, SVOCs, pesticides, PCBs, metals; passive soil gas samples were screened for methane, hydrogen sulfide</p> <p>During RA, geophysical investigation was performed to confirm RI results and identify waste boundaries; trenches were excavated to confirm types of waste present</p> <p>Surface debris (scrap metal) removed in 2000 as part of installation-wide debris removal from watercourses</p> <p>Four ground water monitoring wells were installed in 2004; one round of ground water samples collected and analyzed for Appendix IX constituents including VOCs, SVOCs, PCBs, pesticides, herbicides, dioxins, total and dissolved metals; samples also analyzed for anions, cyanide, explosives, nitrate/nitrite/pH, sulfide, and total dissolved solids (TDS)</p>	<p>RI found elevated mercury and barium in some samples</p> <p>RI found low levels of methane, no hydrogen sulfide</p> <p>RA found 10 geophysical anomalies; 3 trenches containing waste and 3 areas of surface debris</p> <p>VOCs, SVOCs, pesticides, explosives, one PCB, and metals were detected in ground water</p>
SWMU 14	3	Old Burning Ground and Demolition Landfill Area (Includes KGA-3, KGA-4, KGA-5, KP-2, KP-3, KP-4, Arroyo in Fenced Up Horse Valley, and Dump Pile)	<p>Solid matrix characterized as part of Phase IA of OB/OD Closure Field Program (CFP)</p> <p>Ground water characterized as part of Phase IB of OB/OD CFP</p>	<p>See reports (too much information for this summary table)</p> <p>Located within Kickout Area</p>
SWMU 15	3	Old Demolition Area (includes Inactive EOD Area, KGA-1, KGA-2, Old OB/OD & Buried White Phosphorus Rounds, and Three Mounds in Fenced-Up Horse Valley)	<p>Solid matrix characterized as part of Phase IA of OB/OD CFP</p> <p>Ground water characterized as part of Phase IB of OB/OD CFP</p>	<p>See reports (too much information for this summary table)</p> <p>Located within Kickout Area</p>
SWMU 16	16, may include 15	Functional Test Range 2/3	<p>During RI, 10 surface soil samples were collected and analyzed for explosives, nitrate/nitrite, and total phosphorus; five sediment samples were collected and analyzed for VOCs, SVOCs, explosives, pesticides, metals, nitrate/nitrite, and total phosphorus</p> <p>MEC and MEC-related scrap cleared in 1998</p>	<p>RI found elevated barium and lead in one sediment sample each</p> <p>A copy of the MEC clearance statement is included in Appendix D</p>
SWMU 17	2	Western Rifle Range	<p>During the RI, six surface soil samples were collected and analyzed for metals; one surface soil sample was collected and analyzed for TCLP lead</p>	<p>RI found lead exceeding background in two samples (17.4 and 41 ppm)</p> <p>TCLP lead concentration = 180 ug/l (TCLP limit = 5,000 ug/l)</p>

Table 1
SWMU and AOC Summary Table
Fort Wingate Depot Activity
Gallup, New Mexico

SWMU/AOC Number ¹	Parcel Number ²	Description	Environmental Characterization Completed ³	Summary of Environmental Condition
AOC 18	9, 24	Igloo Block A	During the RI, 24 surface soil samples were collected under igloo drains, and 18 surface soil samples were collected in storage revetments; these samples were analyzed for munitions constituents including explosives, nitrate/nitrite, and phosphorus	Only phosphorus was detected (slightly above background in six samples)
SWMU 19	21	Building 501 (Former Boiler House and Heating Plant No. 7)	During the RI, 12 subsurface soil, one sump sediment, and one sump water samples were collected and analyzed for explosives, nitrate/nitrite, total phosphorus; four concrete chip and four wipe samples were collected from building interior and analyzed for PCBs USACE collected 4 composite surface soil samples in 1997; samples were analyzed for VOCs, SVOCs, pesticides, PCBs, RCRA metals Building demolished in 1998; contractor collected 5 post-removal surface soil samples from within building footprint	RI did not identify elevated levels of constituents in soils RI found PCBs in all but one wipe sample PCBs detected in all four composite surface soil samples > 1 ppm; further characterization/ remediation planned PCBs detected in 1 post-removal sample (0.215 mg/kg); areas sampled by USACE not addressed by building demolition
SWMU 20	7	Western Landfill, includes Features 3 and 4 on 1962 air photo API-3 (1995 Archive Search Report)	During RI, 29 investigation trenches were excavated and 15 waste and 16 soil samples were collected and analyzed for explosives, SVOCs, pesticides, PCBs, metals, and nitrate/nitrite Waste removed in 2001; excavations backfilled with clean soil	RI found trace SVOCs, two VOCs, one pesticide, and metals exceeding background in native soils Post-excavation confirmation samples detected SVOCs and pesticides
SWMU 21	23	Central Landfill	During the RI, nine investigation trenches were excavated and 12 waste and 12 soil samples were collected and analyzed for explosives, SVOCs, pesticides, PCBs, metals, and nitrate/nitrite Waste removed in 1999; a total of 32 post-excavation surface soil samples were collected from the floor of the excavation, and analyzed for explosives, VOCs, SVOCs, pesticides, PCBs, herbicides, metals, and petroleum hydrocarbons During the RA, 42 subsurface soil samples were collected and analyzed for explosives, SVOCs, pesticides, metals	RI found SVOCs and metals exceeding background in several native soil samples Post-excavation found elevated levels of SVOCs, pesticides, and metals RA found PAHs in 17 of 38 samples, elevated arsenic in 4 of 38 samples, trace pesticides in 13 of 25 samples (chlordane at 286 ppb in one sample), and explosives in 2 of 37 samples

Table 1
SWMU and AOC Summary Table
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SWMU/AOC Number ¹	Parcel Number ²	Description	Environmental Characterization Completed ³	Summary of Environmental Condition
SWMU 22	2	Group C Landfill	<p>During the RI, five surface soil, 12 subsurface soil, and three sediment samples were collected and analyzed for explosives, metals, nitrate/nitrite, total phosphorus; eight investigation trenches and five test pits were excavated, and nine waste and 10 soil samples were collected and analyzed for explosives, SVOCs, pesticides, PCBs, metals, and nitrate/nitrite</p> <p>Waste removed in 1999; a total of six post-excavation samples were collected from the floor of the excavations, and analyzed for explosives, VOCs, SVOCs, pesticides, PCBs, herbicides, metals, petroleum hydrocarbons, and oil and grease</p> <p>During the RA, seven subsurface soil samples were collected and analyzed for explosives, VOCs, SVOCs, pesticides, PCBs, herbicides, and metals</p>	<p>RI found only zinc exceeding screening in one native soil sample</p> <p>Post-excavation samples found elevated levels of four metals, and three metals with detection limits above background levels</p> <p>RA found PCB1260 in one sample</p>
SWMU 23	11	Building 8 (Paint Shop or Carpenter Shop) and Building 7 (Paint Shop and Paint Storage Warehouse)	<p>Building 7 was not a SWMU or AOC prior to Draft Permit</p> <p>During RI, six surface soil, 12 subsurface soil, and two sediment samples were collected around Building 8 and analyzed for VOCs and metals</p> <p>During RA one surface soil sample (near loading dock) was collected and analyzed for VOCs and metals; one surface soil sample and two subsurface soil samples were collected and analyzed for VOCs, SVOCs, PCBs, metals, and phosphorus</p>	<p>RI found elevated metals and VOCs</p> <p>RA found elevated metals, SVOCs, and PCBs</p>
SWMU 24	11	Building 15 (Garage and Storage Bldg.)	<p>During the RI, five surface soil and 12 subsurface soil samples were collected and analyzed for VOCs, SVOCs, and pesticides</p> <p>During the RA, six surface soil and six subsurface soil samples were collected and analyzed for VOCs, SVOCs, pesticides, PCBs, metals, and pH; one wipe sample was collected and analyzed for PCBs</p>	<p>RI found elevated concentrations of pesticides</p> <p>RA found elevated concentrations of SVOCs, pesticides, PCB1260 and lead; no PCBs detected in wipe sample</p>
SWMU 25	7	Trash Burning Ground Property Disposal Office includes Features 1, 2 and 5 on the 1962 aerial photo API-3 (from the 1995 Archive Search Report)	<p>During the RI, six surface soil and 21 subsurface soil samples were collected and analyzed for VOCs, SVOCs, pesticides, PCBs, and metals</p>	<p>RI found pesticides and elevated metals, only beryllium exceeding screening levels</p> <p>Review of historical aerial photos and drawings led FWDA to believe that only the trash burning ground portion of the site was address by RI; PDO office location appears to have been farther south, and is believed to be included in this SWMU and possibly portions of SWMU 20</p>

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SWMU/AOC Number ¹	Parcel Number ²	Description	Environmental Characterization Completed ³	Summary of Environmental Condition
SWMU 26	10	Suspected POL Area. Large berm north of the railroad classification yard.	During the RI, 10 subsurface soil samples were collected and analyzed for VOCs, SVOCs, PCBs, and metals	RI found lead above background Trace levels of VOCs detected, believed to be lab contaminant (cannot tie to a method blank) NFA submitted in 1999, but not approved by NMED Site determined to be an explosive safety barricade (suspect rail car spur) rather than soil used to cover POL discharge area
SWMU 27	22	Building 528 Complex. Includes Building 528 (Ammunition Normal Maintenance Building), Building 528A (temporary storage igloo), AOC 121 (Building 528B, temporary storage igloo), AOC 122 (Building 529), AOC 125 (Building 550, vacuum collector barricade), AOC126 (Building 551, service magazine)	During RI, five surface soil and six subsurface soil samples were collected around Building 528 (one subsurface location was near Bldg. 551); analyzed for explosives, VOCs, SVOCs, PCBs, metals, nitrate/nitrite, and total phosphorus TPL collected 10 surface wipe and 1 paint chip samples inside the building; analyzed for explosives, TPH, lead NMED HRMB collected soil samples from around Building 528 while TPL in operation, and from monitoring well TMW05; samples were analyzed for perchlorate In 2002, surface soil samples were collected from approximate locations of NMED samples; samples were analyzed for perchlorate With the exception of surface soil sampling for perchlorate, the other buildings/sites within this SWMU have not been investigated because they had not been identified as a SWMU or AOC prior to Draft Permit	RI found TNT (3.2 ppm) in one sample and RDX (5.5 ppm) in one sample, other explosives ND at 1 ppm detection limit; SVOCs detected in all five surface soil samples, above screening levels in four; elevated metals (cadmium = 7.7 ppm, copper = 70.6 ppm, iron = 99,000 ppm, lead = 87-320 ppm, zinc = 51.7-409) TPL found explosives, TPH, lead in building Perchlorate detected in soil and ground water in both NMED and FWDA samples; TPL operations in this area involved perchlorate, both in raw product (within ammonium nitrate pellets reportedly stored inside) and recovered (from photoflash cartridge demilitarization) forms
AOC 28	6	Igloo Block B	During the RI, 24 surface soil samples were collected under igloo drains, and 15 surface soil samples were collected in storage revetments; these samples were analyzed for munitions constituents including explosives, nitrate/nitrite, and phosphorus	Only nitrate/nitrite was detected above background in one sample
AOC 29	2, 4, 23	Igloo Block C	During the RI, nine surface soil samples were collected under igloo drains, and nine surface soil samples were collected in storage revetments; these samples were analyzed for munitions constituents including explosives, nitrate/nitrite, and phosphorus	One explosive (HMX) was detected in one sample under an igloo drain, at a very low level (2.29 ppm) well below the NMED Residential Soil Screening Level (SSL) of 3,000 ppm
AOC 30	19, 22	Igloo Block D	During the R/IFS, 24 surface soil samples were collected under igloo drains, and six surface soil samples were collected in storage revetments; these samples were analyzed for munitions constituents including explosives, nitrate/nitrite, and phosphorus	Only phosphorus was detected slightly above background in one sample

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SWMU/AOC Number ¹	Parcel Number ²	Description	Environmental Characterization Completed ³	Summary of Environmental Condition
AOC 31	19	Igloo Block E	During the RI, 24 surface soil samples were collected under igloo drains, and 12 surface soil samples were collected in storage revetments; these samples were analyzed for munitions constituents including explosives, nitrate/nitrite, and phosphorus	No constituents were detected exceeding background levels
AOC 32	19	Igloo Block F	During the RI, nine surface soil samples were collected under igloo drains, and three surface soil samples were collected in storage revetments; these samples were analyzed for munitions constituents including explosives, nitrate/nitrite, and phosphorus	No constituents were detected exceeding background levels
SWMU 33	3	Waste Pile KP1	Solid matrix characterized as part of Phase IA of OB/OD CFP Ground water characterized as part of Phase IB of OB/OD CFP	See reports (too much info for this table)
AOC 34	19	Igloo Block G	During the RI, 24 surface soil samples were collected under igloo drains, and three surface soil samples were collected in storage revetments; these samples were analyzed for munitions constituents including explosives, nitrate/nitrite, and phosphorus	No constituents were detected exceeding background levels
AOC 35	2	Igloo Block H	During the RI, 24 surface soil samples were collected under igloo drains; these samples were analyzed for munitions constituents including explosives, nitrate/nitrite, and phosphorus	Only phosphorus was detected slightly above background in one sample
AOC 36	2	Igloo Block J (includes Missile Launch Pad used by MDA)	During the RI, 18 surface soil samples were collected under igloo drains; these samples were analyzed for munitions constituents including explosives, nitrate/nitrite, and phosphorus	Only phosphorus was detected slightly above background in one sample
SWMU 37	11	Building 9 (Machine Shop and Signal Shop)	Not identified as area of concern for RI During the RA, six surface soil, 18 subsurface soil, two sediment, and three sump sediment samples were collected and analyzed for VOCs, SVOCs, PCBs, metals, and total phosphorus; two wipe samples were collected and analyzed for PCBs	RA found elevated levels of one VOC (probable lab contaminant), PAHs, PCBs, and metals (cadmium, chromium, copper, and lead) in soil and sediment outside the building One PCB detected in each wipe sample

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SWMU/AOC Number ¹	Parcel Number ²	Description	Environmental Characterization Completed ³	Summary of Environmental Condition
SWMU 38	20	Functional Test Range 1	<p>During the RI, five surface soil samples were collected and analyzed for explosives, nitrate/nitrite, and total phosphorus; four sediment samples were collected and analyzed for explosives, VOCs, SVOCs, pesticides, metals, nitrate/nitrite, and total phosphorus</p> <p>MEC and MEC-related scrap cleared in 1997</p> <p>Following MEC clearance, 13 surface soil, 17 sediment, and three waste samples were collected and analyzed for explosives, metals, TCLP metals (waste only), and TPH-DRO/GRO (selected sediments only)</p> <p>During the RA, 29 surface soil, 30 subsurface soil, and five sediment samples were collected and analyzed for explosives, metals, and petroleum hydrocarbons</p>	<p>RI found elevated metals; characterization effort was limited by the presence of possible UXO</p> <p>A copy of the MEC clearance statement is included in Appendix D; clearance statement recommended additional subsurface clearance on 37.5 acres in the north central portion of FTR1</p> <p>RI follow-on found explosives, elevated metals, and TPH-DRO/GRO in selected areas; waste not hazardous</p> <p>RA found explosives and elevated metals</p>
SWMU 39	19	Pistol Range	<p>During the RI, five surface soil samples were collected and analyzed for metals; one surface soil sample was collected and analyzed for TCLP lead</p> <p>Soil removed 1999; post removal soil samples collected and analyzed for lead</p>	<p>RI found elevated lead levels; TCLP lead concentration = 63,000 ug/l</p> <p>Confirmation samples less than 50 ppm lead with three exceptions (57.3, 132, and 383 ppm)</p>
SWMU 40	6, 7, and 11	<p>South Administration Area</p> <p>Includes: Coal Tar Storage Tanks (Structures 58, 59, and 60) Building 10 Building 12 Building 13 Building 14 Building 29 Building T-33 Building T-34 Building 36 UST #5 Structure T-49 Building T-50 Structure 57 Structure 63</p>	<p>Characterization has been performed at Coal Tar Storage Tanks and Bldg. 29 only; other sites were not identified as SWMUs/AOCs prior to Draft Permit</p> <p><u>Coal Tar Storage Tanks</u></p> <p>During the RI, one surface soil and three subsurface soil samples were collected and analyzed for SVOCs</p> <p>Tanks and surface soil were removed in 1999, post-removal surface soil samples were collected and analyzed for metals and SVOCs</p> <p>During the RA, eight surface soil samples were collected and analyzed for arsenic</p> <p><u>Bldg. 29</u></p> <p>During the RI, four surface soil samples were collected and analyzed for pesticides and herbicides</p> <p>Building demolished in 1999</p> <p>During the RA, seven subsurface soil and two sediment samples were collected and analyzed for herbicides and PCBs</p>	<p><u>Coal Tar Storage Tanks</u></p> <p>RI did not detect SVOCs</p> <p>Confirmation samples did not detect SVOCs or metals above background, but arsenic detection limit exceeded background and screening levels</p> <p>RA analyzed arsenic only; elevated arsenic levels in two of eight samples (8 and 12 ppm)</p> <p><u>Bldg. 29</u></p> <p>RI found one pesticide (DDE at 0.0103 ppm) in one of four surface soil samples</p> <p>RA found PCBs at 35.8 ppb in one soil sample and at 45.4 and 49.6 ppb in two sediment samples</p>

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SWMU/AOC Number ¹	Parcel Number ²	Description	Environmental Characterization Completed ³	Summary of Environmental Condition
AOC 41	16	Igloo Block K	During the RI, six surface soil samples were collected under igloo drains; these samples were analyzed for munitions constituents including explosives, nitrate/nitrite, and phosphorus	2,4-DNT, 2,6-DNT, and TNT were detected in one sample at concentrations of 510 ppm, 20.5 ppm, and 1.78 ppm, respectively; only 2,4-DNT exceeds the NMED Residential SSL of 120 ppm, and the detected value is less than the NMED Industrial SSL of 1,370 ppm Nitrate/nitrite was detected above background in another soil sample
AOC 42	6	Building 516 (Ammunition Receiving Building)	None (not identified as an AOC prior to Draft Permit)	
AOC 43	7	Railroad Classification Yard	None (not identified as an AOC prior to Draft Permit)	
AOC 44	10	Former Administration and Utilities Area	None (not identified as an AOC prior to Draft Permit)	
SWMU 45	11	Building 6 (Gas Station)	Bldg.6 was not identified as a SWMU/AOC prior to Draft Permit Associated USTs (#1 through #4) removed in 1993 In the Feb 1993 UST Closure Report submitted to the NMED UST Bureau on Mar 1, 1993, the Site (Site One) encompassing the locations of USTs #1-4 was identified as requiring the completion of a Minimum Site Assessment (MSA) As part of the subsurface investigation for this site, three ground water monitoring wells were installed in 1994	Following completion of the UST Bureau's requirement for two years of continuous quarterly sampling from these monitoring wells, FWDA requested that the quarterly sampling be discontinued, in August, 1998 Received NFA status from NMED UST Bureau in 1999
AOC 46	11	Above Ground Tank located near Blg. 11	None (not identified as an AOC prior to Draft Permit)	
AOC 47	11	TPL spill of photoflash powder west of Blg. 11	Barium impacted soil removed following spill in 2002	FWDA believes that the release was addressed with the removal and off-site disposal of 6,000 pounds of barium-impacted soil in September 2002
AOC 48	11	Building 34 (Fire Station)	None (not identified as an AOC prior to Draft Permit)	
AOC 49	11	Structure 38 (End Loading Dock) and Structure 39 (Side Loading Dock)	None (not identified as an AOC prior to Draft Permit)	
SWMU 50	11	Structure 35 (Underground Storage Tank (UST #7) located by Building 45)	UST was removed in Feb 1995 Laboratory analysis of the soils sampled from the excavation area confirmed the presence of petroleum hydrocarbons consistent with gasoline MSA was initiated in November 1996; as part of the MSA, three ground water monitoring wells, numbered MW-1, MW-2, and MW-3 were installed.	The MSA report for this UST was submitted to the NMED UST Bureau on Mar 17, 1998, requesting site closure Received NFA status from NMED UST Bureau in 1999
AOC 51	11	Structure 64 (Underground Storage Tank)	None (not identified as an AOC prior to Draft Permit)	

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SWMU/AOC Number ¹	Parcel Number ²	Description	Environmental Characterization Completed ³	Summary of Environmental Condition
AOC 52	11	Building 79 and Building 80 (Storage Vaults)	None (not identified as an AOC prior to Draft Permit)	
AOC 53	13	Lake Knudson	One surface water/sediment sample pair collected in 1981 Three surface water/sediment pairs collected during RI; samples analyzed for VOCs, SVOCs, explosives, pesticides, nitrate/nitrite, phosphorus, and metals	Low concentrations of chromium and phosphorus detected in 1981 surface water sample; oil and grease detected in 1981 sediment sample Nitrate/nitrite, phosphorus, and metals detected in RI surface water and sediment samples Surface water and sediment sample results did not indicate that Lake Knudson had been impacted by releases from FWDA operations Lake Knudson is a man-made, seasonal body of water; there are no non-storm water discharges to Lake Knudson
AOC 54	13	Building 311 (Standard Magazine)	None (not identified as an AOC prior to Draft Permit)	
AOC 55	13	Structure 506 (TNT Storage Barricade)	None (not identified as an AOC prior to Draft Permit)	
AOC 56	13	Structure 533 (Explosive Barricade)	None (not identified as an AOC prior to Draft Permit)	
AOC 57	13	Buildings 306, 307, 308, 309, 310 (Standard Magazines near Knudson Lake)	None (not identified as an AOC prior to Draft Permit)	
AOC 58	19	Buildings 303 and 304 (Standard Magazines) and 320 (Field Dunnage Building along Arterial Road No. 3)	None (not identified as an AOC prior to Draft Permit)	
AOC 59	19	Building T-422 (former Blg. X-11, Normal Maintenance Blg., Bomb and Shell Paint Blg.)	None (not identified as an AOC prior to Draft Permit)	
AOC 60	21	Building 522 formerly designated as Building 500 (Ammunition Receiving Bldg.)	None (not identified as an AOC prior to Draft Permit)	
AOC 61	6	Building 507 (Smokeless Powder Magazine)	None (not identified as an AOC prior to Draft Permit)	
AOC 62	21	Building 508 (Smokeless Powder Magazine)	None (not identified as an AOC prior to Draft Permit)	
AOC 63	21	Building 509 (Primary Collector Barricade or Propellant Baghouse)	None (not identified as an AOC prior to Draft Permit)	

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SWMU/AOC Number ¹	Parcel Number ²	Description	Environmental Characterization Completed ³	Summary of Environmental Condition
AOC 64	21	Building 510 (Vacuum Producer Building)	None (not identified as an AOC prior to Draft Permit)	
AOC 65	21	Building 511 (Service Magazine)	None (not identified as an AOC prior to Draft Permit)	
AOC 66	21	Building 512 (Service Magazine)	None (not identified as an AOC prior to Draft Permit)	
AOC 67	21	Building 513 (Service Magazine)	None (not identified as an AOC prior to Draft Permit)	
AOC 68	21	Structure 514 (Deboosting Barricade) and Structure 545 (Earthen Barricade)	None (not identified as an AOC prior to Draft Permit)	
AOC 69	22	Buildings 301, 302, and 312 (Standard Magazines), Building 316 (Field Lunch Room),	None (not identified as an AOC prior to Draft Permit)	
SWMU 70	22	Disassembly Plant and TPL QA Test Area (Disassembly Plant includes Building 517, Structure 518, Building 519, Structure 520, Structure 521, Structure 547) Disassembly Plant and TPL QA Test and OB/OD Area	None (not identified as a SWMU prior to Draft Permit)	
AOC 71	21 and 22	Former rectangular structure near TMW-5 and north of Blg. 528	None (not identified as an AOC prior to Draft Permit)	
SWMU 72	21	Deactivation Furnace, Deactivation Furnace Acid Pits, and surrounding area (includes pre-1958 buildings and areas in the vicinity of Blg. 530)	During the RI, 19 surface soil, nine subsurface soil, and three sediment samples were collected and analyzed for metals, total phosphorus, and sulfate MEC and MEC-related scrap clearance completed 1997 During the RA, eight surface soil and eight subsurface soil samples were collected and analyzed for explosives, metals, and total phosphorus NMED collected eight surface soil samples and analyzed for perchlorate	RI found elevated concentrations of metals in surface and subsurface soils A copy of the MEC clearance statement is included in Appendix D RA found elevated concentrations of metals and total phosphorus in surface and subsurface soils NMED did not detect perchlorate
AOC 73	23	Former buildings or structures along Road C-3.	Some characterization of one of two buildings in this AOC completed as part of RI; site of Bldg. T-332 was mistakenly identified as another site; geophysics was performed at building footprint, and 18 subsurface soil samples were collected and analyzed for VOCs, SVOCs, pesticides, PCBs, and metals	Minimal subsurface debris present based on geophysics Only metals detected in subsurface soil samples

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SWMU 74	3	Area 16 or Site 16 (Proposed Burning Ground) – to be addressed under the Kickout Area requirements unless the location is determined to be outside the Kickout Area boundary as defined Section IV.A	Not identified as a SWMU prior to Draft Permit MEC-related scrap removed in 1999	Some MEC-related scrap observed and removed Scrap believed to be kickout from OB/OD operations
AOC 75	6, 7, 11, 12, 13, 19, 21, 22, and may include other parcels	Electrical Transformers (at least 65 former or existing transformers)	Sampling at some locations completed	
AOC 76	2	Feature 19 on the 1973 aerial photo (API-5) in the 1995 Archive Search Report.	None (not identified as an AOC prior to Draft Permit)	
AOC 77	2	Feature 20 on the 1973 aerial photo (API-5) in the 1995 Archive Search Report.	None (not identified as an AOC prior to Draft Permit)	
AOC 78	4, 5, and 6	Feature 18 on 1973 aerial photo (API-5) in 1995 Archive Search Report	None (not identified as an AOC prior to Draft Permit)	
AOC 79	6	Feature 2 on 1973 aerial photo (API-5) in 1995 Archive Search Report	None (not identified as an AOC prior to Draft Permit)	
AOC 80	6	Feature 9 on 1962 aerial photo (API-3) in 1995 Archive Search Report	None (not identified as an AOC prior to Draft Permit)	
AOC 81	6	Feature 11 on 1962 aerial photo (API-3) in 1995 Archive Search Report	None (not identified as an AOC prior to Draft Permit)	
AOC 82	4, 5, and 6	Feature 18 on 1973 aerial photo (API-5) in 1995 Archive Search Report	None (not identified as an AOC prior to Draft Permit)	
AOC 83	6	Feature 22 on 1973 aerial photo (API-5) in 1995 Archive Search Report	None (not identified as an AOC prior to Draft Permit)	

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AOC 84	6	Feature 12 on 1962 aerial photo (API-3) in 1995 Archive Search Report	None (not identified as an AOC prior to Draft Permit)	
AOC 85	7 and 9	Feature 11-1 on 1962 aerial photo (API-3) in 1995 Archive Search Report and Feature 1 on 1973 aerial photo (API-5) in 1995 Archive Search Report.	None (not identified as an AOC prior to Draft Permit)	
AOC 86	21	Feature 15 on 1973 aerial photo (API-5) in 1995 Archive Search Report.	None (not identified as an AOC prior to Draft Permit)	
AOC 87	21	Feature 18 on 1962 aerial photo (API-3) and Feature 23 on 1973 aerial photo (API-5) in 1995 Archive Search Report.	None (not identified as an AOC prior to Draft Permit)	
AOC 88	22	Former buildings or structures and disposal areas southwest, south, and southeast of Blg. 528.	None (not identified as an AOC prior to Draft Permit)	
AOC 89	3	Feature 30 and Feature 34 on 1973 aerial photo (API-5) in 1995 Archive Search Report	None (not identified as an AOC prior to Draft Permit)	
AOC 90	3	Feature 36 on 1973 aerial photo (API-5) in 1995 Archive Search Report	None (not identified as an AOC prior to Draft Permit)	
AOC 91	3	Feature 41 in the 1973 aerial photo (API-5) and Feature 27 on the 1978 historic aerial photo (API-7) in the 1995 Archive Search Report.	None (not identified as an AOC prior to Draft Permit)	
AOC 92	3	Feature 31 on the 1973 historic aerial photo (API-5) and Feature 21 on the 1978 aerial photo (API-7) in 1995 Archive Search Report	None (not identified as an AOC prior to Draft Permit)	
AOC 93	Un-known	Bivouac and Tank Training Area	None (not identified as an AOC prior to Draft Permit)	

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Notes:

- 1 SWMU and AOC numbers taken from RCRA Permit No. NM 6213820974, Attachment 8, dated 1 December 2005; previous/historic SWMU/AOC numbers from previous documents have purposely been omitted to reduce confusion

2. Parcel numbers to indicate where a particular SWMU or AOC is located were taken from RCRA Permit No. NM 6213820974, Attachment 8, dated 1 December 2005; several entries have been revised/corrected based upon review of parcel mapping (Figure 4), as follows:
 - AOC 29 - reference to Parcel 19 has been deleted because no structure or land in Igloo Bock C is located in Parcel 19
 - SWMU 40 - references to Parcels 6 and 7 have been added because portions of this consolidated SWMU are within those parcels
 - AOC 51 - reference to Parcel 6 has been deleted because this UST was located in Parcel 11
 - AOC 57 - reference to Parcel 16 has been changed to Parcel 13 because the buildings in question are in Parcel 13
 - AOC 61 - reference to Parcel 21 has been changed to Parcel 6 because Building 507 is in Parcel 6
 - AOC 71 - reference to Parcel 21 has been added because this AOC straddles a parcel boundary
 - AOC 78 & 82 - reference to parcels have been revised to include Parcels 4, 5, and 6 for both AOCs (believed duplicate, based on description)
 - AOC 85 - reference to Parcel 7 has been added because a portion of this AOC is located in Parcel 7
 - AOC 86 - reference to Parcel 13 has been changed to Parcel 21 because the AOC is in Parcel 21

3. RI = Remedial Investigation, presented in a document entitled *Final Remedial Investigation/Feasibility Study Report and RCRA Corrective Action Program Document, Fort Wingate Depot Activity, Gallup, NM*. ERM Program Management Company, 15 November 1997.

- RFI = RCRA Facility Investigation, presented in a document entitled *Final RCRA Facility Investigation Report, TNT Leaching Beds Area, Fort Wingate Depot Activity, Gallup, NM*. PMC, 28 September 2001.

- RA = Release Assessment, presented in a document entitled *Final Release Assessment Reports, Fort Wingate Depot Activity, Gallup, New Mexico*. Tetra Tech NUS, Inc., December 2000.

Table 2
Project Team Members
Fort Wingate Depot Activity
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Name	Organization	Mailing Address	Telephone	E-Mail
Mark Patterson	FWDA BEC	P.O. Box 268 Fort Wingate, NM 87316	(505) 488-5411	mark.c.patterson@us.army.mil
David Cobrain	NMED HWB	2905 Rodeo Park Drive East Building 1 Santa Fe, NM 87505	(505) 428-2553	dave.cobrain@state.nm.us
Tammy Diaz	NMED HWB	2905 Rodeo Park Drive East Building 1 Santa Fe, NM 87505	(505) 428-2552	tammy.diaz@state.nm.us
Chuck Hendrickson	Base Closure Team, Federal Facilities Section USEPA Region 6	1445 Ross Avenue Suite 1200 (Mail Code: 6PD-F) Dallas, Texas 75202	(214) 665-2196	hendrickson.charles@epa.gov
Dwight Hempel	DOI Team Lead, Fort Wingate Transfer	Bureau of Land Management 1849 C St., NW (ms 1000LS) Washington, DC 20240	(202) 452-7778	dwight_hempel@blm.gov
Ralph Gonzales	BIA	Office of Tribal Services Bureau of Indian Affairs 1951 Constitution Ave., NW, Mail Stop 320-SIB Washington, DC 20240	(202) 513-7629	ralphgonzlesbia@netscape.net

Table 2
Project Team Members
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Gallup, New Mexico

Name	Organization	Mailing Address	Telephone	E-Mail
Mark Blakeslee	BLM (DOI-Env)	Bureau of Land Management 1474 Rodeo Rd. P.O. Box 27115 Santa Fe, NM 87502-0115	(505) 438-7424	Mark_blakeslee@blm.gov
Sharlene Begay-Platero	NN – Wingate Project Coordinator	Eastern Navajo Economic Development Office 211 E. Historic Hwy. 66 Church Rock, NM 87311	(505) 863-6414	srbp@cia-g.com
Rose Duwyenie	BIA Navajo Region, Environmental Protection	301 West Hill Ave. Gallup, NM 87305	(505) 863-8369	NA
Eugenia Quintana	NN - EPA	P. O. Box 339 Window Rock, AZ 86515	(928) 871-7800	eugeniaquintana@navajo.org
Carlton Albert	POZ – Head Councilman	P.O. Box 339 1203B State Hwy 53 Zuni, NM 87327	(505) 782-7028	calber@ashiwi.org
Brian Martell	POZ – Wingate Project Coordinator	P.O. Box 339 1203B State Hwy 53 Zuni, NM 87327	(505) 782-7106	bmartell@ashiwi.org
Stephan Beran	POZ – Environmental Protection	P.O. Box 339 1203B State Hwy 53 Zuni, NM 87327	(505) 782-2484	siberan@earthlink.net

Table 2
Project Team Members
Fort Wingate Depot Activity
Gallup, New Mexico

Name	Organization	Mailing Address	Telephone	E-Mail
Steve Smith	USACE Fort Worth, Fort Wingate Program Manager	CESWF-PER-DI 819 Taylor St., Rm 3A12 Ft. Worth, TX 76112	(817) 886-1879	steve.w.smith@swf02.usace.army. mil
William O'Donnell	Army BRAC Office	Base Realignment and Closure Division (DAIM-BD) Assistant Chief of Staff for Installation Management (for items via U.S. mail) 600 Army Pentagon Washington, DC 20310-0600 (for items via FedEx) NC3/Taylor Building/3520 2530 Crystal Drive Arlington, VA 22202	(703) 601-1570	william.odonnell@us.army.mil

Table 3
Navajo Nation Contact Information

<u>NAME</u>	<u>TELEPHONE</u>	<u>FAX NUMBER</u>	<u>DEPARTMENT</u>	<u>ADDRESS</u>
Raymond Kee	928-871-7041	928-871-7039	Navajo Land Department	P. O. Box 2249, Window Rock, AZ 86515
Alfred Dehiya	928-871-7150	928-871-7039	Navajo Land Department	P. O. Box 2249, Window Rock, AZ 86515
Mike Halona	928-871-6401	928-871-7039	Navajo Land Department	P. O. Box 2249, Window Rock, AZ 86515
Arvin Trujillo	928-871-6592	928-871-7040	Division of Natural Resources	P. O. Box 9000, Window Rock, AZ 86515
Ron Maldonado	928-871-7139	928-871-7886	Historic Preservation Department, Compliance Section	P. O. Box 4950, Window Rock, AZ 86515
Robert M. Begay	928-871-6540	928-871-6511	Navajo Archaeology Department	P. O. Box 689, Window Rock, AZ 86515
Antoinette Kurley-Begay	505-368-1214	505-368-1215	Navajo Archaeology Department	P. O. Box 580, Shiprock, NM 87420
Elaine Cleveland-Mason	505-368-1214	505-368-1215	Navajo Archaeology Department	P. O. Box 580, Shiprock, NM 87420
Julia Chavez	505-368-1214	505-368-1215	Navajo Archaeology Department	P. O. Box 580, Shiprock, NM 87420
Doug Dykeman	505-368-1214	505-368-1215	Navajo Archaeology Department	P. O. Box 580, Shiprock, NM 87420
Chris R. Adams	928-729-4004	928-729-4126	Water Resources – Water Management Branch	P. O. box 678, Fort Defiance, AZ 86504
Jason John	928-729-4004	928-729-4126	Water Resources – Water Management Branch	P. O. box 678, Fort Defiance, AZ 86504
Michelle Dotson	928-871-6352	928-871-4025	Office of the President & President	P. O. Box 9000, Window Rock, AZ 86515
Allan Begay	928-871-6544	928-871-7381	Division of Economic Development	P. O. Box 663, Window Rock, AZ 86515
Tony Perry	928-871-6504	928-871-6507	Project Development Department	P. O. Box 663, Window Rock, AZ 86515

Table 3
Navajo Nation Contact Information

<u>NAME</u>	<u>TELEPHONE</u>	<u>FAX NUMBER</u>	<u>DEPARTMENT</u>	<u>ADDRESS</u>
Sharlene Begay-Platero	505-863-6414	505-863-6401	Project Development Department	P. O. Box 663, Window Rock, AZ 86515
Eugenia Quintana	928-871-7800	928-871-7996	Navajo Environmental Protection Agency	P. O. Box 339, Window Rock, AZ 86515
Stephen B. Etsitty	928-871-7692	928-871-7996	Navajo Environmental Protection Agency	P. O. Box 339, Window Rock, AZ 86515
Lawrence T. Morgan	928-871-7160	928-871-7255	Navajo Nation Council	P. O. Box 3390, Window Rock, AZ 86515
Charles S. Damon, NNC	928-871-6380	928-871-7259	Navajo Nation Council	P. O. Box 3390, Window Rock, AZ 86515
LaVern Wagner, NNC	928-871-6380	928-871-7259	Navajo Nation Council	P. O. Box 3390, Window Rock, AZ 86515
Lawrence Platero, NNC	928-871-6380	928-871-7259	Navajo Nation Council	P. O. Box 3390, Window Rock, AZ 86515
George Arthur, NNC	928-871-6380	928-871-7259	Navajo Nation Council	P. O. Box 3390, Window Rock, AZ 86515
Ervin Keeswood, Sr.	928-871-6380	928-871-7259	Navajo Nation Council	P. O. Box 3390, Window Rock, AZ 86515
Anthony Aguirre	928-871-6931	928-871-6200	Department of Justice Natural Resource Unit	P. O. Drawer 2010, Window Rock, AZ 86515
Jill Grant	202-530-1270	202-530-1920	Nordhaus Law Firm	1401 K Street, NW, Suite 801, Washington, D.C. 20005
Edison Blatchford	928-729-4000	928-729-4493	Property Management	P. O. Box 90, Fort Defiance, AZ 86504
Elouise Chicharello	505-863-8314	505-863-8324	BIA Navajo Region	P. O. Box 1060, Gallup, NM 87305
Rose Duwyenie	505-863-8285	505-863-8369	BIA Division of Environmental, Cultural & Safety	P. O. Box 1060, Gallup, NM 87305
Calvin Quimayousie	505-863-8244	505-863-8245	BIA Navajo Division of Property	P. O. Box 1060, Gallup, NM 87305
Fern Becenti	505-863-8223	505-863-8245	BIA Navajo Division of Property	P. O. Box 1060, Gallup, NM 87305
Shawn Smith	505-863-8393	505-863-8214	Branch of Water Resources And Safety of Dams	P. O. Box 1060, Gallup, NM 87305
Bernadette Tsosie	505-863-8356	505-863-8214	Branch of Water Resources And Safety of Dams	P. O. Box 1060, Gallup, NM 87305
Lena Yazzie	928-871-5934	928-871-5943	BIA Real Estate Services	P. O. Box 1060, Gallup, NM 87305

Table 4
Pueblo of Zuni Contact Information

<u>NAME</u>	<u>TELEPHONE</u>	<u>FAX NUMBER</u>	<u>DEPARTMENT</u>	<u>ADDRESS</u>
Carlton Albert	505-782-7028	505-782-7202	Head Councilman	P.O. Box 339, 1203B State Hwy 53 Zuni, NM 87327
Brian Martell	505-782-7106	505-782-7202	Wingate Project Coordinator	P.O. Box 339, 1203B State Hwy 53 Zuni, NM 87327
Stephan Beran	505-782-2484	505-782-2726	Environmental Protection	P.O. Box 339, 1203B State Hwy 53 Zuni, NM 87327

Table 5
Military Munitions Summary Table
Fort Wingate Depot Activity
Gallup, New Mexico

Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
11		Yes	2,656.5 lbs. of OE Related Scrap		0 - 4'	Yes			CMS-OE, 1998		Document Incinerator
11		Yes	898.5 lbs. of NON-OE Related Scrap		0 - 4'	Yes			CMS-OE, 1998		Document Incinerator
15 & 16		Yes	25,400 lbs. of OE Related Scrap		0 - 4'	Yes			CMS-OE, 1998		Functional Test Range 2/3
15 & 16		Yes	29,234 lbs. of NON-OE Related Scrap		0 - 4'	Yes			CMS-OE, 1998		Functional Test Range 2/3
20		Yes	34,879 lbs. of OE Related Scrap		0 - 4'	Yes			CMS-OE, 1998		Functional Test Range 1
20		Yes	13,273 lbs. of NON-OE Related Scrap		0 - 4'	Yes			CMS-OE, 1998		Functional Test Range 1
20		Yes	138,951 lbs. of OE Slag		0 - 4'	Yes			CMS-OE, 1998		Functional Test Range 1
3		Yes	19,360 lbs. of OE Related Scrap		0 - 4'	Yes			CMS-OE, 1998		Stockpile Clearance
3		Yes	1,546 lbs. of NON-OE Related Scrap		0 - 4'	Yes			CMS-OE, 1998		Stockpile Clearance
7		Yes	677,366 lbs. Of NON-OE Related Scrap		Unknown	Yes			SWF, 2001		Western Landfill
2 & 4A		Yes	2,320 lbs. of OE Related Scrap		Surface	Yes			CMS-OE, 1998		Group C Disposal Area
2 & 4A		Yes	188.5 lbs. of NON-OE Related Scrap		Surface	Yes			CMS-OE, 1998		Group C Disposal Area
21		Yes	11,009.5 lbs. of OE Related Scrap		0 - 4'	Yes			CMS-OE, 1998		Deactivation Furnace
21		Yes	6,041 lbs. of NON-OE Related Scrap		0 - 4'	Yes			CMS-OE, 1998		Deactivation Furnace
1		Yes	2,844 lbs. of NON-OE Related Scrap		Surface	Yes			CMS-OE, 1998		Ballistic Missile Site
2		Yes	1,170 lbs. of OE and NON-OE Related Scrap		unknown	Yes			CMS-RDAS, 1998		RDAS - West Access Road
3		Yes	20,823 lbs. of OE and NON-OE Related Scrap		0 - 4'	Yes			EHSI, 1999		Grid Survey - Sector A
3		Yes	~2,000 lbs. of OE and NON-OE Related Scrap		0 - 4'	Yes			EHSI, 1999		Grid Survey - Sector B
3		Yes	110 lbs. of OE and NON-OE Related Scrap		0 - 4'	Yes			EHSI, 1999		Grid Survey - Site 2
1 & 3		Yes	250 lbs. of OE and NON-OE Related Scrap		0 - 4'	Yes			EHSI, 1999		Transect Search Routes
1 & 3		Yes	29 lbs. of OE and NON-OE Related Scrap		0 - 4'	Yes			EHSI, 1999		Grid Survey - Area 16
OFF-SITE		Yes	6,280 lbs. of OE Related Scrap		0 - 12"	Yes			UXB, 1995		UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	3.5" rocket motor	1	Surface	Yes	1613973.28	2485511.81	UXB, 1995	1	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	Modified 60mm - M2 mine	1	Surface	Yes	1613772.91	2485479.81	UXB, 1995	2	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	75mm HE projo (no fuze)	1	Surface	Yes	1614332.41	2485509.44	UXB, 1995	3	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	M66A1 tracer	1	Surface	Yes	1613902.26	2485820.15	UXB, 1995	4	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	100 lb mass	1	Surface	Yes	1614650.07	2484826.04	UXB, 1995	5	UXO Surface Clearance - Off-Site
OFF-SITE	BIP	Yes	M83	1	Surface	Yes	1614986.49	2485879.06	UXB, 1995	6	UXO Surface Clearance - Off-Site
OFF-SITE	BIP	Yes	M83	1	Surface	Yes	1614953.76	2485826.70	UXB, 1995	7	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	40mm projo tracer	1	Surface	Yes	1614842.33	2485868.46	UXB, 1995	8	UXO Surface Clearance - Off-Site
OFF-SITE	BIP	Yes	M83	1	Surface	Yes	1614768.71	2485792.81	UXB, 1995	9	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	M66A1 tracer	1	Surface	Yes	1614690.69	2485808.92	UXB, 1995	10	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	75mm HE projo (no fuze)	1	Surface	Yes	1614483.57	2485771.62	UXB, 1995	11	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	M66A1 tracer	1	Surface	Yes	1613291.44	2485850.44	UXB, 1995	12	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	Modified 60mm - M2 mine	1	Surface	Yes	1615247.50	2485802.44	UXB, 1995	13	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	40mm HE projo (no fuze)	1	2"	Yes	1615059.70	2485635.88	UXB, 1995	14	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	M66A1 tracer	1	3"	Yes	1615050.05	2485614.90	UXB, 1995	15	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	M66A1 tracer	1	Surface	Yes	1615894.22	2485775.12	UXB, 1995	16	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	40mm projo tracer (later found inert)	1	Surface	Yes	1615908.29	2485780.40	UXB, 1995	17	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	40mm projo tracer	1	Surface	Yes	1615927.14	2485818.55	UXB, 1995	18	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	40mm HE projo (no fuze)	1	Surface	Yes	1616304.18	2485992.55	UXB, 1995	19	UXO Surface Clearance - Off-Site
OFF-SITE	BIP	Yes	M66A1 Full up	1	Surface	Yes	1618201.34	2485948.27	UXB, 1995	20	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	75mm HE projo (no fuze)	1	Surface	Yes	1617217.17	2486043.45	UXB, 1995	21	UXO Surface Clearance - Off-Site
OFF-SITE	BIP	Yes	75mm projo (WP)	1	Surface	Yes	1617182.05	2486057.74	UXB, 1995	22	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	37mm projo (no fuze)	1	Surface	Yes	1617058.32	2485916.32	UXB, 1995	23	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	Modified 60mm - M2 mine	1	unknown	Yes	1616285.51	2485295.66	UXB, 1995	24	UXO Surface Clearance - Off-Site

Table 5
Military Munitions Summary Table
Fort Wingate Depot Activity
Gallup, New Mexico

Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
OFF-SITE	MEC	Yes	M66A1 tracer	1	unknown	Yes	1616283.61	2485315.48	UXB, 1995	25	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	90mm HE projo (no fuze)	1	Surface	Yes	1617420.86	2485027.46	UXB, 1995	26	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	25 lb frag bomb (no fuze)	1	Surface	Yes	1617358.89	2486008.79	UXB, 1995	27	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	Modified 60mm - M2 mine	1	Surface	Yes	1617354.58	2486064.43	UXB, 1995	28	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	Modified 60mm - M2 mine	1	Surface	Yes	1617222.26	2485816.06	UXB, 1995	29	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	40mm HE projo (no fuze)	1	Surface	Yes	1616235.43	2485543.17	UXB, 1995	30	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	40mm HE projo (no fuze)	1	Surface	Yes	1616235.43	2485543.17	UXB, 1995	31	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	40mm HE projo (no fuze)	1	Surface	Yes	1616235.43	2485543.17	UXB, 1995	32	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	75mm HE projo (no fuze)	1	Surface	Yes	1616294.83	2485477.91	UXB, 1995	33	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	M66A1 tracer	1	Surface	Yes	1616517.51	2485333.84	UXB, 1995	34	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	40mm HE projo (no fuze)	1	Surface	Yes	1616704.98	2485352.30	UXB, 1995	35	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	M66A1 tracer	1	Surface	Yes	1615100.91	2484796.34	UXB, 1995	36	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	75mm HE projo (no fuze)	1	Surface	Yes	1615317.43	2485064.61	UXB, 1995	37	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	75mm HE projo (no fuze)	1	Surface	Yes	1615629.42	2485134.54	UXB, 1995	38	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	40mm projo (no fuze)	1	Surface	Yes	1615040.25	2485018.76	UXB, 1995	39	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	40mm HE projo (no fuze)	1	Surface	Yes	1614908.94	2485169.40	UXB, 1995	40	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	M66A1 tracer	1	Surface	Yes	1614860.24	2485333.11	UXB, 1995	41	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	75mm HE projo (no fuze)	1	Surface	Yes	1615931.60	2485308.23	UXB, 1995	42	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	M66A1 tracer	1	Surface	Yes	1615191.77	2485232.31	UXB, 1995	43	UXO Surface Clearance - Off-Site
OFF-SITE	BIP	Yes	M83 Butterfly	1	Surface	Yes	1615095.06	2485207.38	UXB, 1995	44	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	40mm HE projo tracer	1	Surface	Yes	1615370.77	2485748.31	UXB, 1995	45	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	40mm HE projo tracer	1	Surface	Yes	1615307.16	2485810.11	UXB, 1995	46	UXO Surface Clearance - Off-Site
OFF-SITE	BIP	Yes	3.5" rocket fuze	1	Surface	Yes	1615566.65	2485912.31	UXB, 1995	47	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	40mm HE projo (no fuze)	1	Surface	Yes	1615679.39	2485887.31	UXB, 1995	48	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	M66A1 tracer	1	Surface	Yes	1615727.77	2485932.12	UXB, 1995	49	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	Mech time fuze (no clock)	1	Surface	Yes	1616248.52	2485979.21	UXB, 1995	50	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	40mm projo tracer	1	Surface	Yes	1616283.19	2485949.87	UXB, 1995	51	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	40mm HE projo (no fuze)	1	Surface	Yes	1615521.46	2485720.28	UXB, 1995	52	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	40mm HE projo (no fuze)	1	Surface	Yes	1615856.51	2485817.73	UXB, 1995	53	UXO Surface Clearance - Off-Site
OFF-SITE	BIP	Yes	M83	1	Surface	Yes	1615824.05	2485855.50	UXB, 1995	54	UXO Surface Clearance - Off-Site
OFF-SITE	BIP	Yes	40mm HE projo	1	Surface	Yes	1615888.99	2485932.21	UXB, 1995	55	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	40mm HE projo tracer	1	Surface	Yes	1615283.96	2485704.42	UXB, 1995	56	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	40mm projo tracer	1	2"	Yes	1614788.00	2485426.32	UXB, 1995	57	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	M66A1 tracer	1	Surface	Yes	1615173.07	2485384.52	UXB, 1995	58	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	3.5" rocket fuze	1	8"	Yes	1614265.09	2485015.82	UXB, 1995	59	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	M66A1 tracer	1	3"	Yes	1614257.93	2485015.77	UXB, 1995	60	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	M66A1 tracer	1	8"	Yes	1614220.31	2484960.39	UXB, 1995	61	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	M66A1 tracer	1	Surface	Yes	1615686.78	2484810.83	UXB, 1995	62	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	3.5" rocket fuze	1	Surface	Yes	1612237.99	2485517.13	UXB, 1995	63	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	3.5" rocket motor	1	Surface	Yes	1612417.47	2485325.69	UXB, 1995	64	UXO Surface Clearance - Off-Site
OFF-SITE	BIP	Yes	75mm (WP)	1	Surface	Yes	1616614.13	2484768.45	UXB, 1995	65	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	Modified 60mm mortar (M2)	1	Surface	Yes	1612558.16	2484930.41	UXB, 1995	66	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	Fuze component	1	2"	Yes	1612399.30	2485151.40	UXB, 1995	67	UXO Surface Clearance - Off-Site
OFF-SITE	BIP	Yes	Base fuze/booster? (unknown)	1	Surface	Yes	1614925.40	2484636.40	UXB, 1995	68	UXO Surface Clearance - Off-Site
OFF-SITE	MEC	Yes	unknown - partial fuze?	1	unknown	Yes	1616338.16	2485389.46	UXB, 1995	69	UXO Surface Clearance - Off-Site
2	MEC	Yes	Stokes Mortar, 2", Smoke	1	unknown	Yes	1619014.64	2488990.38	CMS-RDAS, 1998	70	RDAS - West Access Road

Table 5
Military Munitions Summary Table
Fort Wingate Depot Activity
Gallup, New Mexico

Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
2	MEC	Yes	Fuze, PD, M48	1	unknown	Yes	1619011.64	2488950.38	CMS-RDAS, 1998	71	RDAS - West Access Road
2	MEC	Yes	Grenade, Hand, Smoke	1	unknown	Yes	1618977.44	2489059.38	CMS-RDAS, 1998	72	RDAS - West Access Road
2	MEC	Yes	Fuze, BD, M68	1	unknown	Yes	1618982.44	2489089.38	CMS-RDAS, 1998	73	RDAS - West Access Road
2	MEC	Yes	Projectile, 37mm, with Tracer	1	unknown	Yes	1619022.44	2489094.38	CMS-RDAS, 1998	74	RDAS - West Access Road
2	MEC	Yes	Projectile, 75mm, Smoke Canister	1	unknown	Yes	1619022.44	2489044.38	CMS-RDAS, 1998	75	RDAS - West Access Road
2	MEC	Yes	Projectile, 75mm, Smoke Canister	1	unknown	Yes	1618997.44	2489031.38	CMS-RDAS, 1998	76	RDAS - West Access Road
2	MEC	Yes	Projectile, 75mm, Smoke Canister	1	unknown	Yes	1619000.44	2489035.38	CMS-RDAS, 1998	77	RDAS - West Access Road
2	MEC	Yes	Projectile, 37mm, Armor Piercing	1	unknown	Yes	1619024.64	2489206.48	CMS-RDAS, 1998	78	RDAS - West Access Road
2	MEC	Yes	Fuze, BD, M66	1	unknown	Yes	1618964.64	2489216.48	CMS-RDAS, 1998	79	RDAS - West Access Road
2	MEC	Yes	Fuze, BD, M66	1	unknown	Yes	1619002.84	2489273.58	CMS-RDAS, 1998	80	RDAS - West Access Road
2	MEC	Yes	Fuze, BD, M66	1	unknown	Yes	1619004.14	2489363.18	CMS-RDAS, 1998	81	RDAS - West Access Road
2	MEC	Yes	Fuze, PD, M48	1	unknown	Yes	1618986.14	2489353.18	CMS-RDAS, 1998	82	RDAS - West Access Road
2	MEC	Yes	Fuze, BD, M66	1	unknown	Yes	1619003.54	2489503.48	CMS-RDAS, 1998	83	RDAS - West Access Road
2	MEC	Yes	Fuze, PD, M48	1	unknown	Yes	1619028.54	2489458.48	CMS-RDAS, 1998	84	RDAS - West Access Road
2	MEC	Yes	Fuze, PD, M500	1	unknown	Yes	1619015.64	2489551.38	CMS-RDAS, 1998	85	RDAS - West Access Road
2	MEC	Yes	Fuze, BD, M66	1	unknown	Yes	1619000.64	2489601.38	CMS-RDAS, 1998	86	RDAS - West Access Road
2	MEC	Yes	Projectile, 37mm, high explosive	1	unknown	Yes	1619002.34	2489658.08	CMS-RDAS, 1998	87	RDAS - West Access Road
2	MEC	Yes	Projectile, 37mm, high explosive	1	unknown	Yes	1619002.34	2489658.08	CMS-RDAS, 1998	88	RDAS - West Access Road
21	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1639075.00	2497030.00	CMS-OE, 1998	89	Deactivation Furnace
21	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1639100.00	2497115.00	CMS-OE, 1998	90	Deactivation Furnace
21	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1639052.00	2497350.00	CMS-OE, 1998	91	Deactivation Furnace
21	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1639051.00	2497425.00	CMS-OE, 1998	92	Deactivation Furnace
6	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1639245.00	2496960.00	CMS-OE, 1998	93	Deactivation Furnace
21	MEC	Yes	Electric Fuze Unknown	1	Surface	Yes	1639275.00	2497420.00	CMS-OE, 1998	94	Deactivation Furnace
21	MEC	Yes	Burster Tube for 3.5" Rocket	1	Surface	Yes	1639410.00	2497550.00	CMS-OE, 1998	95	Deactivation Furnace
21	MEC	Yes	Projectile M78 Fuze	1	Surface	Yes	1639465.00	2497475.00	CMS-OE, 1998	96	Deactivation Furnace
20	MEC	Yes	Pieces 60mm WP (Small crust WP)	1	Surface	Yes	1622775.00	2496510.00	CMS-OE, 1998	97	Functional Test Range 1
20	MEC	Yes	Pieces 60mm WP (Small crust WP)	1	Surface	Yes	1622755.00	2496485.00	CMS-OE, 1998	98	Functional Test Range 1
20	MEC	Yes	Robbins Aviation 75mm Signal Charge	2	Surface	Yes	1623160.00	2497240.00	CMS-OE, 1998	99	Functional Test Range 1
20	MEC	Yes	Civilian 30.06 Rods in clip (6 Rds.)	6	Surface	Yes	1623650.00	2495625.00	CMS-OE, 1998	100	Functional Test Range 1
20	MEC	Yes	Propellant Grains (3 lbs.)	1	Surface	Yes	1623900.00	2497320.00	CMS-OE, 1998	101	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1624120.00	2496525.00	CMS-OE, 1998	102	Functional Test Range 1
20	MEC	Yes	M89 Crumbled HC (0.25 lbs.)	1	Surface	Yes	1624100.00	2497240.00	CMS-OE, 1998	103	Functional Test Range 1
20	MEC	Yes	Propellant Grains (1 lbs.)	1	Surface	Yes	1624025.00	2496308.00	CMS-OE, 1998	104	Functional Test Range 1
20	MEC	Yes	Propellant Grains (1.5 lbs.)	2	Surface	Yes	1624230.00	2496510.00	CMS-OE, 1998	105	Functional Test Range 1
20	MEC	Yes	M26 Flare Candle	1	Surface	Yes	1624320.00	2497193.00	CMS-OE, 1998	106	Functional Test Range 1
20	MEC	Yes	Projectile M89, 75mm HC smoke	1	Surface	Yes	1624320.00	2497193.00	CMS-OE, 1998	107	Functional Test Range 1
20	MEC	Yes	Projectile M89, 75mm HC smoke	1	Surface	Yes	1624320.00	2497680.00	CMS-OE, 1998	108	Functional Test Range 1
20	MEC	Yes	Propellant Grains (2 lbs.)	2	Surface	Yes	1624320.00	2496370.00	CMS-OE, 1998	109	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1624275.00	2496420.00	CMS-OE, 1998	110	Functional Test Range 1
20	MEC	Yes	Propellant Grains (1 lbs.)	1	Surface	Yes	1624401.00	2496501.00	CMS-OE, 1998	111	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.5 lbs.)	1	Surface	Yes	1624401.00	2496901.00	CMS-OE, 1998	112	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1624575.00	2497060.00	CMS-OE, 1998	113	Functional Test Range 1
20	MEC	Yes	Projectile M89, 75mm HC smoke	1	Surface	Yes	1624420.00	2497150.00	CMS-OE, 1998	114	Functional Test Range 1
20	MEC	Yes	Projectile M89, 75mm HC smoke	1	Surface	Yes	1624420.00	2497165.00	CMS-OE, 1998	115	Functional Test Range 1
20	MEC	Yes	60mm Mortar	1	Surface	Yes	1624650.00	2496878.00	CMS-OE, 1998	116	Functional Test Range 1

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
20	MEC	Yes	60mm Mortar, M2A1 for bounding mine	1	Surface	Yes	1624780.00	2496950.00	CMS-OE, 1998	117	Functional Test Range 1
20	MEC	Yes	M2 Bounding mine	1	Surface	Yes	1624765.00	2497315.00	CMS-OE, 1998	118	Functional Test Range 1
20	MEC	Yes	Propellant Grains (4 lbs.)	4	Surface	Yes	1624820.00	2497198.00	CMS-OE, 1998	119	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.5 lbs.)	1	Surface	Yes	1624840.00	2497240.00	CMS-OE, 1998	120	Functional Test Range 1
20	MEC	Yes	75mm HC Projectile Base	1	Surface	Yes	1624810.00	2497350.00	CMS-OE, 1998	121	Functional Test Range 1
20	MEC	Yes	Projectile 40mm, 1943, MKII - T/L	1	Surface	Yes	1624820.00	2497570.00	CMS-OE, 1998	122	Functional Test Range 1
20	MEC	Yes	Propellant Grains (1 lbs.)	1	Surface	Yes	1625040.00	2496810.00	CMS-OE, 1998	123	Functional Test Range 1
20	MEC	Yes	Propellant Grains (1 lbs.)	1	Surface	Yes	1625175.00	2496890.00	CMS-OE, 1998	124	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1625100.00	2496903.00	CMS-OE, 1998	125	Functional Test Range 1
20	MEC	Yes	60mm Mortar	1	Surface	Yes	1625100.00	2497018.00	CMS-OE, 1998	126	Functional Test Range 1
20	MEC	Yes	Propellant Grains (1 lbs.)	1	Surface	Yes	1625080.00	2497245.00	CMS-OE, 1998	127	Functional Test Range 1
20	MEC	Yes	Propellant Grains (1 lbs.)	1	Surface	Yes	1625180.00	2497390.00	CMS-OE, 1998	128	Functional Test Range 1
20	MEC	Yes	Propellant Grains (1 lbs.)	1	Surface	Yes	1625190.00	2497405.00	CMS-OE, 1998	129	Functional Test Range 1
20	MEC	Yes	M48 Fuze	1	Surface	Yes	1625190.00	2498380.00	CMS-OE, 1998	130	Functional Test Range 1
20	MEC	Yes	Propellant Grains (1 lbs.)	1	Surface	Yes	1625300.00	2496905.00	CMS-OE, 1998	131	Functional Test Range 1
20	MEC	Yes	Flares from M26 Flare Bomb	14	Surface	Yes	1625355.00	2497580.00	CMS-OE, 1998	132	Functional Test Range 1
20	MEC	Yes	60mm Mortar WP Fuze Well w/ Burster	1	Surface	Yes	1625505.00	2497060.00	CMS-OE, 1998	133	Functional Test Range 1
20	MEC	Yes	Propellant Grains (2 lbs.)	2	Surface	Yes	1625405.00	2497290.00	CMS-OE, 1998	134	Functional Test Range 1
20	MEC	Yes	Propellant Grains (8 lbs.)	8	Surface	Yes	1625420.00	2497390.00	CMS-OE, 1998	135	Functional Test Range 1
20	MEC	Yes	Propellant Grains (25 lbs.)	25	Surface	Yes	1625405.00	2497495.00	CMS-OE, 1998	136	Functional Test Range 1
20	MEC	Yes	Propellant Grains (5 lbs.)	5	Surface	Yes	1625410.00	2497520.00	CMS-OE, 1998	137	Functional Test Range 1
20	MEC	Yes	Propellant Grains (1 lbs.)	1	Surface	Yes	1625605.00	2497010.00	CMS-OE, 1998	138	Functional Test Range 1
20	MEC	Yes	Propellant Grains (2 lbs.)	2	Surface	Yes	1625605.00	2497201.00	CMS-OE, 1998	139	Functional Test Range 1
20	MEC	Yes	Propellant Grains (6 lbs.)	6	Surface	Yes	1625640.00	2497340.00	CMS-OE, 1998	140	Functional Test Range 1
20	MEC	Yes	Fuze Type 5	1	Surface	Yes	1625630.00	2497320.00	CMS-OE, 1998	141	Functional Test Range 1
20	MEC	Yes	M66 Fuze	1	Surface	Yes	1625665.00	2497395.00	CMS-OE, 1998	142	Functional Test Range 1
20	MEC	Yes	Propellant Grains (4 lbs.)	4	Surface	Yes	1625601.00	2497401.00	CMS-OE, 1998	143	Functional Test Range 1
20	MEC	Yes	M20 Adaptor Booster	1	Surface	Yes	1625775.00	2497585.00	CMS-OE, 1998	144	Functional Test Range 1
20	MEC	Yes	Bottom half M48 Trip Flair	1	Surface	Yes	1625625.00	2497532.00	CMS-OE, 1998	145	Functional Test Range 1
20	MEC	Yes	Flare, Trip	5	Surface	Yes	1625620.00	2497510.00	CMS-OE, 1998	146	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1625675.00	2497810.00	CMS-OE, 1998	147	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	Surface	Yes	1625700.00	2497830.00	CMS-OE, 1998	148	Functional Test Range 1
20	MEC	Yes	M20 Adaptor Booster	1	Surface	Yes	1625750.00	2498575.00	CMS-OE, 1998	149	Functional Test Range 1
20	MEC	Yes	60mm Mortar (Nose) with residue	1	Surface	Yes	1625975.00	2496870.00	CMS-OE, 1998	150	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1625900.00	2498550.00	CMS-OE, 1998	151	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	0.4	Yes	1625825.00	2498585.00	CMS-OE, 1998	152	Functional Test Range 1
20	MEC	Yes	M21 Fuze	1	0.2	Yes	1625975.00	2498501.00	CMS-OE, 1998	153	Functional Test Range 1
20	MEC	Yes	MKV Fuze (Broken up)	1	Surface	Yes	1625930.00	2498640.00	CMS-OE, 1998	154	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	0.6	Yes	1625870.00	2498670.00	CMS-OE, 1998	155	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626150.00	2497730.00	CMS-OE, 1998	156	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1626170.00	2498180.00	CMS-OE, 1998	157	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626185.00	2498299.00	CMS-OE, 1998	158	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1626185.00	2498299.00	CMS-OE, 1998	159	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626185.00	2498265.00	CMS-OE, 1998	160	Functional Test Range 1
20	MEC	Yes	M104 Fuze W/ Booster	1	Surface	Yes	1626100.00	2498480.00	CMS-OE, 1998	161	Functional Test Range 1
20	MEC	Yes	M21 Booster	1	0.2	Yes	1626015.00	2498455.00	CMS-OE, 1998	162	Functional Test Range 1

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
20	MEC	Yes	M20 Booster	1	Surface	Yes	1626010.00	2498540.00	CMS-OE, 1998	163	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626140.00	2498870.00	CMS-OE, 1998	164	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626040.00	2498980.00	CMS-OE, 1998	165	Functional Test Range 1
20	MEC	Yes	Propellant Grains (1 lbs.)	1	Surface	Yes	1626120.00	2496180.00	CMS-OE, 1998	166	Functional Test Range 1
20	MEC	Yes	Propellant Grains (2 lbs.)	2	Surface	Yes	1626080.00	2496215.00	CMS-OE, 1998	167	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1626100.00	2496315.00	CMS-OE, 1998	168	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1626150.00	2496420.00	CMS-OE, 1998	169	Functional Test Range 1
20	MEC	Yes	Propellant Grains (1 oz.)	1	Surface	Yes	1626390.00	2496520.00	CMS-OE, 1998	170	Functional Test Range 1
20	MEC	Yes	Flare Mixture (0.75 lbs.)	1	Surface	Yes	1626220.00	2497120.00	CMS-OE, 1998	171	Functional Test Range 1
20	MEC	Yes	Propellant Grains (4 oz.)	4	Surface	Yes	1626400.00	2497120.00	CMS-OE, 1998	172	Functional Test Range 1
20	MEC	Yes	Fuzes, Unknown	2	Surface	Yes	1626320.00	2497520.00	CMS-OE, 1998	173	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1626220.00	2497780.00	CMS-OE, 1998	174	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1626225.00	2497835.00	CMS-OE, 1998	175	Functional Test Range 1
20	MEC	Yes	Fuze, Unknown	1	Surface	Yes	1626225.00	2497805.00	CMS-OE, 1998	176	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626300.00	2497835.00	CMS-OE, 1998	177	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1626280.00	2498010.00	CMS-OE, 1998	178	Functional Test Range 1
20	MEC	Yes	M104 Fuze (Base)	1	Surface	Yes	1626395.00	2498125.00	CMS-OE, 1998	179	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1626280.00	2498205.00	CMS-OE, 1998	180	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626275.00	2498210.00	CMS-OE, 1998	181	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626205.00	2498300.00	CMS-OE, 1998	182	Functional Test Range 1
20	MEC	Yes	M21 Booster	1	0.2	Yes	1626320.00	2498260.00	CMS-OE, 1998	183	Functional Test Range 1
20	MEC	Yes	M21 Booster	1	0.2	Yes	1626395.00	2498298.00	CMS-OE, 1998	184	Functional Test Range 1
20	MEC	Yes	M72 Fuze (Base)	1	Surface	Yes	1626224.00	2498310.00	CMS-OE, 1998	185	Functional Test Range 1
20	MEC	Yes	Loose HE (0.5 lbs)	1	Surface	Yes	1626300.00	2498345.00	CMS-OE, 1998	186	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1626390.00	2498350.00	CMS-OE, 1998	187	Functional Test Range 1
20	MEC	Yes	Booster Cup with HE	1	Surface	Yes	1626380.00	2498355.00	CMS-OE, 1998	188	Functional Test Range 1
20	MEC	Yes	M104 Fuze (Base end)	1	Surface	Yes	1626370.00	2498355.00	CMS-OE, 1998	189	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626375.00	2498395.00	CMS-OE, 1998	190	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1626373.00	2498390.00	CMS-OE, 1998	191	Functional Test Range 1
20	MEC	Yes	M21 Booster	1	0.1	Yes	1626240.00	2498390.00	CMS-OE, 1998	192	Functional Test Range 1
20	MEC	Yes	M21 Booster	1	0.2	Yes	1626380.00	2498360.00	CMS-OE, 1998	193	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626375.00	2498420.00	CMS-OE, 1998	194	Functional Test Range 1
20	MEC	Yes	MK5Fuze	1	Surface	Yes	1626390.00	2498440.00	CMS-OE, 1998	195	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1626370.00	2498430.00	CMS-OE, 1998	196	Functional Test Range 1
20	MEC	Yes	M48 Fuze	1	Surface	Yes	1626350.00	2498430.00	CMS-OE, 1998	197	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	Surface	Yes	1626340.00	2498440.00	CMS-OE, 1998	198	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1626235.00	2498455.00	CMS-OE, 1998	199	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626215.00	2498490.00	CMS-OE, 1998	200	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	0.6	Yes	1626395.00	2498435.00	CMS-OE, 1998	201	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626300.00	2498515.00	CMS-OE, 1998	202	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	Surface	Yes	1626375.00	2498560.00	CMS-OE, 1998	203	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	0.4	Yes	1626370.00	2498550.00	CMS-OE, 1998	204	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626270.00	2498550.00	CMS-OE, 1998	205	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	Surface	Yes	1626395.00	2498670.00	CMS-OE, 1998	206	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	0.2	Yes	1626275.00	2498630.00	CMS-OE, 1998	207	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	0.2	Yes	1626340.00	2498645.00	CMS-OE, 1998	208	Functional Test Range 1

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
20	MEC	Yes	M20 Booster	1	Surface	Yes	1626220.00	2498850.00	CMS-OE, 1998	209	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	0.1	Yes	1626395.00	2498825.00	CMS-OE, 1998	210	Functional Test Range 1
20	MEC	Yes	M48 Fuze, W/M21 Booster	1	0.2	Yes	1626397.00	2498802.00	CMS-OE, 1998	211	Functional Test Range 1
20	MEC	Yes	Propellant Grains (1 lbs.)	1	Surface	Yes	1626275.00	2496380.00	CMS-OE, 1998	212	Functional Test Range 1
20	MEC	Yes	Propellant Grains (2 oz.)	2	Surface	Yes	1626400.00	2496425.00	CMS-OE, 1998	213	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1626590.00	2496620.00	CMS-OE, 1998	214	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1626500.00	2497050.00	CMS-OE, 1998	215	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626580.00	2497900.00	CMS-OE, 1998	216	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626578.00	2497920.00	CMS-OE, 1998	217	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626460.00	2497990.00	CMS-OE, 1998	218	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626570.00	2498170.00	CMS-OE, 1998	219	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626410.00	2498110.00	CMS-OE, 1998	220	Functional Test Range 1
20	MEC	Yes	M21 Booster	3	Surface	Yes	1626480.00	2498190.00	CMS-OE, 1998	221	Functional Test Range 1
20	MEC	Yes	M20 Fuze Adaptor	4	Surface	Yes	1626560.00	2498250.00	CMS-OE, 1998	222	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626430.00	2498290.00	CMS-OE, 1998	223	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626570.00	2498297.00	CMS-OE, 1998	224	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626540.00	2498295.00	CMS-OE, 1998	225	Functional Test Range 1
20	MEC	Yes	M21 Booster	1	Surface	Yes	1626540.00	2498295.00	CMS-OE, 1998	226	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1626560.00	2498301.00	CMS-OE, 1998	227	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1626420.00	2498335.00	CMS-OE, 1998	228	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1626500.00	2498350.00	CMS-OE, 1998	229	Functional Test Range 1
20	MEC	Yes	M20 Booster	6	Surface	Yes	1626570.00	2498355.00	CMS-OE, 1998	230	Functional Test Range 1
20	MEC	Yes	M20 Booster	2	Surface	Yes	1626498.00	2498363.00	CMS-OE, 1998	231	Functional Test Range 1
20	MEC	Yes	M20 Booster	4	Surface	Yes	1626460.00	2498365.00	CMS-OE, 1998	232	Functional Test Range 1
20	MEC	Yes	M48 Fuze W/M20 Booster	1	Surface	Yes	1626550.00	2498392.00	CMS-OE, 1998	233	Functional Test Range 1
20	MEC	Yes	M20 Booster	6	Surface	Yes	1626550.00	2498392.00	CMS-OE, 1998	234	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	Surface	Yes	1626549.00	2498397.00	CMS-OE, 1998	235	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	Surface	Yes	1626546.00	2498397.00	CMS-OE, 1998	236	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	Surface	Yes	1626552.00	2498385.00	CMS-OE, 1998	237	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	Surface	Yes	1626553.00	2498398.00	CMS-OE, 1998	238	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	Surface	Yes	1626560.00	2498398.00	CMS-OE, 1998	239	Functional Test Range 1
20	MEC	Yes	MKV Fuze	4	Surface	Yes	1626500.00	2498310.00	CMS-OE, 1998	240	Functional Test Range 1
20	MEC	Yes	M51 Series Fuze	1	Surface	Yes	1626440.00	2498370.00	CMS-OE, 1998	241	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	0.6	Yes	1626430.00	2498350.00	CMS-OE, 1998	242	Functional Test Range 1
20	MEC	Yes	MKV Fuze	4	12.0	Yes	1626490.00	2498306.00	CMS-OE, 1998	243	Functional Test Range 1
20	MEC	Yes	M21 Booster	5	0.6	Yes	1626485.00	2498340.00	CMS-OE, 1998	244	Functional Test Range 1
20	MEC	Yes	M21 Booster	20	24.0	Yes	1626495.00	2498380.00	CMS-OE, 1998	245	Functional Test Range 1
20	MEC	Yes	M21 Booster	23	24.0	Yes	1626470.00	2498385.00	CMS-OE, 1998	246	Functional Test Range 1
20	MEC	Yes	M20 Fuze Adaptor	2	Surface	Yes	1626585.00	2498403.00	CMS-OE, 1998	247	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	Surface	Yes	1626505.00	2498403.00	CMS-OE, 1998	248	Functional Test Range 1
20	MEC	Yes	M20 Fuze Adaptor	3	Surface	Yes	1626500.00	2498403.00	CMS-OE, 1998	249	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	Surface	Yes	1626497.00	2498404.00	CMS-OE, 1998	250	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	Surface	Yes	1626460.00	2498423.00	CMS-OE, 1998	251	Functional Test Range 1
20	MEC	Yes	M20 Fuze Adaptor	1	Surface	Yes	1626475.00	2498423.00	CMS-OE, 1998	252	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	Surface	Yes	1626540.00	2498423.00	CMS-OE, 1998	253	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626590.00	2498423.00	CMS-OE, 1998	254	Functional Test Range 1

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626401.00	2498460.00	CMS-OE, 1998	255	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1626540.00	2498497.00	CMS-OE, 1998	256	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	Surface	Yes	1626560.00	2498482.00	CMS-OE, 1998	257	Functional Test Range 1
20	MEC	Yes	M21 Fuze	7	0.6	Yes	1626525.00	2498425.00	CMS-OE, 1998	258	Functional Test Range 1
20	MEC	Yes	MKV Fuze	2	0.2	Yes	1626575.00	2498420.00	CMS-OE, 1998	259	Functional Test Range 1
20	MEC	Yes	MK V Fuze	1	12.0	Yes	1626480.00	2498415.00	CMS-OE, 1998	260	Functional Test Range 1
20	MEC	Yes	81mm Mortar Tail Boom	1	0.1	Yes	1626540.00	2498435.00	CMS-OE, 1998	261	Functional Test Range 1
20	MEC	Yes	MK V Fuze	6	18.0	Yes	1626485.00	2498410.00	CMS-OE, 1998	262	Functional Test Range 1
20	MEC	Yes	M21 Booster	1	12.0	Yes	1626480.00	2498415.00	CMS-OE, 1998	263	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1626460.00	2498521.00	CMS-OE, 1998	264	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626460.00	2498540.00	CMS-OE, 1998	265	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	Surface	Yes	1626470.00	2498541.00	CMS-OE, 1998	266	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1626570.00	2498598.00	CMS-OE, 1998	267	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626430.00	2498680.00	CMS-OE, 1998	268	Functional Test Range 1
20	MEC	Yes	M21 Booster	2	1.0	Yes	1626430.00	2498680.00	CMS-OE, 1998	269	Functional Test Range 1
20	MEC	Yes	MK V Fuze	1	1.0	Yes	1626430.00	2498680.00	CMS-OE, 1998	270	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	1.0	Yes	1626415.00	2498615.00	CMS-OE, 1998	271	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	2.0	Yes	1626410.00	2498620.00	CMS-OE, 1998	272	Functional Test Range 1
20	MEC	Yes	MK V Fuze	1	2.0	Yes	1626408.00	2498895.00	CMS-OE, 1998	273	Functional Test Range 1
20	MEC	Yes	M104 Fuze	2	1.0	Yes	1626460.00	2498810.00	CMS-OE, 1998	274	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.5 lbs.)	1	Surface	Yes	1626410.00	2496290.00	CMS-OE, 1998	275	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.5 lbs.)	1	Surface	Yes	1626405.00	2496302.00	CMS-OE, 1998	276	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.5 lbs.)	1	Surface	Yes	1626500.00	2496450.00	CMS-OE, 1998	277	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.5 lbs.)	1	Surface	Yes	1626650.00	2496580.00	CMS-OE, 1998	278	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.5 lbs.)	1	Surface	Yes	1626630.00	2497090.00	CMS-OE, 1998	279	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1626770.00	2497025.00	CMS-OE, 1998	280	Functional Test Range 1
20	MEC	Yes	40mm Projectile	1	Surface	Yes	1626780.00	2497019.00	CMS-OE, 1998	281	Functional Test Range 1
20	MEC	Yes	M20 Fuze Adaptor	1	Surface	Yes	1626798.00	2497502.00	CMS-OE, 1998	282	Functional Test Range 1
20	MEC	Yes	M20 Fuze Adaptor	1	Surface	Yes	1626798.00	2497630.00	CMS-OE, 1998	283	Functional Test Range 1
20	MEC	Yes	M21 Fuze	1	0.4	Yes	1626725.00	2497925.00	CMS-OE, 1998	284	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626660.00	2498050.00	CMS-OE, 1998	285	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626640.00	2498195.00	CMS-OE, 1998	286	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626642.00	2498190.00	CMS-OE, 1998	287	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	Surface	Yes	1626641.00	2498148.00	CMS-OE, 1998	288	Functional Test Range 1
20	MEC	Yes	75mm Projectile HC	100	Surface	Yes	1626700.00	2498150.00	CMS-OE, 1998	289	Functional Test Range 1
20	MEC	Yes	75mm Projectile HC	1	0.4	Yes	1626640.00	2498135.00	CMS-OE, 1998	290	Functional Test Range 1
20	MEC	Yes	M48 Fuze W/ M20 Adaptor Booster	1	Surface	Yes	1626605.00	2498320.00	CMS-OE, 1998	291	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	Surface	Yes	1626650.00	2498320.00	CMS-OE, 1998	292	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	0.4	Yes	1626710.00	2498315.00	CMS-OE, 1998	293	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	0.2	Yes	1626780.00	2498380.00	CMS-OE, 1998	294	Functional Test Range 1
20	MEC	Yes	75mm Projectile HC	45	0.6	Yes	1626715.00	2498390.00	CMS-OE, 1998	295	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	10.0	Yes	1626770.00	2498360.00	CMS-OE, 1998	296	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	0.1	Yes	1626625.00	2498345.00	CMS-OE, 1998	297	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	3.0	Yes	1626640.00	2498380.00	CMS-OE, 1998	298	Functional Test Range 1
20	MEC	Yes	M21 Fuze	1	0.4	Yes	1626775.00	2498310.00	CMS-OE, 1998	299	Functional Test Range 1
20	MEC	Yes	M104 Fuze W/ Booster Cup	1	Surface	Yes	1626790.00	2498498.00	CMS-OE, 1998	300	Functional Test Range 1

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
20	MEC	Yes	MK5 Fuze	1	Surface	Yes	1626640.00	2498470.00	CMS-OE, 1998	301	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626660.00	2498450.00	CMS-OE, 1998	302	Functional Test Range 1
20	MEC	Yes	M21 Fuze	2	0.2	Yes	1626603.00	2498498.00	CMS-OE, 1998	303	Functional Test Range 1
20	MEC	Yes	M21 Fuze	1	0.8	Yes	1626640.00	2498460.00	CMS-OE, 1998	304	Functional Test Range 1
20	MEC	Yes	M21 Fuze	1	0.6	Yes	1626615.00	2498420.00	CMS-OE, 1998	305	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	1.0	Yes	1626640.00	2498460.00	CMS-OE, 1998	306	Functional Test Range 1
20	MEC	Yes	M21 Fuze	1	0.3	Yes	1626601.00	2498475.00	CMS-OE, 1998	307	Functional Test Range 1
20	MEC	Yes	M21 Fuze	1	0.6	Yes	1626604.00	2498480.00	CMS-OE, 1998	308	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626780.00	2498560.00	CMS-OE, 1998	309	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	Surface	Yes	1626780.00	2498501.00	CMS-OE, 1998	310	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	2.0	Yes	1626653.00	2498502.00	CMS-OE, 1998	311	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	1.0	Yes	1626675.00	2498510.00	CMS-OE, 1998	312	Functional Test Range 1
20	MEC	Yes	M104 Fuze W/ Booster	1	Surface	Yes	1626620.00	2498690.00	CMS-OE, 1998	313	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	0.1	Yes	1626680.00	2498620.00	CMS-OE, 1998	314	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626720.00	2498760.00	CMS-OE, 1998	315	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626615.00	2498760.00	CMS-OE, 1998	316	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626700.00	2498720.00	CMS-OE, 1998	317	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	1.0	Yes	1626720.00	2498710.00	CMS-OE, 1998	318	Functional Test Range 1
20	MEC	Yes	M21 Fuze	1	0.3	Yes	1626660.00	2498720.00	CMS-OE, 1998	319	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1626795.00	2498895.00	CMS-OE, 1998	320	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1626760.00	2498905.00	CMS-OE, 1998	321	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626760.00	2499040.00	CMS-OE, 1998	322	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1626700.00	2496450.00	CMS-OE, 1998	323	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1626850.00	2496545.00	CMS-OE, 1998	324	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1626990.00	2496680.00	CMS-OE, 1998	325	Functional Test Range 1
20	MEC	Yes	unknown	1	Surface	Yes	1626970.00	2496720.00	CMS-OE, 1998	326	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1626970.00	2496930.00	CMS-OE, 1998	327	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626960.00	2497735.00	CMS-OE, 1998	328	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626960.00	2497923.00	CMS-OE, 1998	329	Functional Test Range 1
20	MEC	Yes	unknown	1	Surface	Yes	1626980.00	2498080.00	CMS-OE, 1998	330	Functional Test Range 1
20	MEC	Yes	unknown	1	Surface	Yes	1626990.00	2498120.00	CMS-OE, 1998	331	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626820.00	2498141.00	CMS-OE, 1998	332	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	1.0	Yes	1626990.00	2498199.00	CMS-OE, 1998	333	Functional Test Range 1
20	MEC	Yes	M1 Fuze	1	0.2	Yes	1626815.00	2498220.00	CMS-OE, 1998	334	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	0.3	Yes	1626960.00	2498255.00	CMS-OE, 1998	335	Functional Test Range 1
20	MEC	Yes	75mm Projectile, Heap	1	0.8	Yes	1626910.00	2498285.00	CMS-OE, 1998	336	Functional Test Range 1
20	MEC	Yes	75mm Projectile, HC	1	12.0	Yes	1626895.00	2498270.00	CMS-OE, 1998	337	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	0.3	Yes	1626875.00	2498270.00	CMS-OE, 1998	338	Functional Test Range 1
20	MEC	Yes	75mm Projectile, Heap	1	14.0	Yes	1626855.00	2498215.00	CMS-OE, 1998	339	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	0.4	Yes	1626850.00	2498220.00	CMS-OE, 1998	340	Functional Test Range 1
20	MEC	Yes	M1 Fuze	1	0.3	Yes	1626801.00	2498245.00	CMS-OE, 1998	341	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626900.00	2498383.00	CMS-OE, 1998	342	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	12.0	Yes	1626995.00	2498390.00	CMS-OE, 1998	343	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	24.0	Yes	1626850.00	2498390.00	CMS-OE, 1998	344	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	4.0	Yes	1626900.00	2498345.00	CMS-OE, 1998	345	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626970.00	2498460.00	CMS-OE, 1998	346	Functional Test Range 1

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626970.00	2498490.00	CMS-OE, 1998	347	Functional Test Range 1
20	MEC	Yes	M21 Booster	1	2.0	Yes	1626890.00	2498440.00	CMS-OE, 1998	348	Functional Test Range 1
20	MEC	Yes	M21 Booster	1	2.0	Yes	1626970.00	2498465.00	CMS-OE, 1998	349	Functional Test Range 1
20	MEC	Yes	75mm Projectile, Smoke	1	12.0	Yes	1626985.00	2498405.00	CMS-OE, 1998	350	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1626955.00	2498501.00	CMS-OE, 1998	351	Functional Test Range 1
20	MEC	Yes	M21 Booster	1	3.0	Yes	1626925.00	2498503.00	CMS-OE, 1998	352	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	2.0	Yes	1626830.00	2498598.00	CMS-OE, 1998	353	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626920.00	2498610.00	CMS-OE, 1998	354	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626960.00	2498615.00	CMS-OE, 1998	355	Functional Test Range 1
20	MEC	Yes	3" Common Projectile W/ Base Fuze	1	Surface	Yes	1626808.00	2498630.00	CMS-OE, 1998	356	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626870.00	2498658.00	CMS-OE, 1998	357	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	1.0	Yes	1626990.00	2498650.00	CMS-OE, 1998	358	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1626900.00	2499050.00	CMS-OE, 1998	359	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	0.3	Yes	1626999.00	2499285.00	CMS-OE, 1998	360	Functional Test Range 1
20	MEC	Yes	Propellant Grains (1 lbs.)	1	Surface	Yes	1626840.00	2496460.00	CMS-OE, 1998	361	Functional Test Range 1
20	MEC	Yes	Propellant Grains (1 lbs.)	1	Surface	Yes	1627010.00	2498610.00	CMS-OE, 1998	362	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1627100.00	2496720.00	CMS-OE, 1998	363	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1627180.00	2496735.00	CMS-OE, 1998	364	Functional Test Range 1
20	MEC	Yes	MKV Fuze	1	0.6	Yes	1627125.00	2497775.00	CMS-OE, 1998	365	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	0.6	Yes	1627130.00	2497710.00	CMS-OE, 1998	366	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1627135.00	2498027.00	CMS-OE, 1998	367	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	0.4	Yes	1627050.00	2498250.00	CMS-OE, 1998	368	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1627160.00	2498395.00	CMS-OE, 1998	369	Functional Test Range 1
20	MEC	Yes	MK5 Fuze	1	0.8	Yes	1627100.00	2498385.00	CMS-OE, 1998	370	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	0.6	Yes	1627100.00	2498395.00	CMS-OE, 1998	371	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	1.0	Yes	1627008.00	2498350.00	CMS-OE, 1998	372	Functional Test Range 1
20	MEC	Yes	unknown	1	Surface	Yes	1627135.00	2498440.00	CMS-OE, 1998	373	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	0.3	Yes	1627025.00	2498585.00	CMS-OE, 1998	374	Functional Test Range 1
20	MEC	Yes	Projectile (Base) 75mm, HC Smoke	1	Surface	Yes	1627065.00	2498640.00	CMS-OE, 1998	375	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1627072.00	2498655.00	CMS-OE, 1998	376	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1627035.00	2498721.00	CMS-OE, 1998	377	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1627035.00	2498705.00	CMS-OE, 1998	378	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1627035.00	2498727.00	CMS-OE, 1998	379	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1627100.00	2498760.00	CMS-OE, 1998	380	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1627112.00	2498765.00	CMS-OE, 1998	381	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1627112.00	2498765.00	CMS-OE, 1998	382	Functional Test Range 1
20	MEC	Yes	unknown	1	Surface	Yes	1627125.00	2498785.00	CMS-OE, 1998	383	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1627180.00	2498940.00	CMS-OE, 1998	384	Functional Test Range 1
20	MEC	Yes	Booster Cup	1	0.1	Yes	1627003.00	2498995.00	CMS-OE, 1998	385	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1627180.00	2499038.00	CMS-OE, 1998	386	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1627210.00	2496520.00	CMS-OE, 1998	387	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1627320.00	2497815.00	CMS-OE, 1998	388	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1627235.00	2497860.00	CMS-OE, 1998	389	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1627260.00	2497865.00	CMS-OE, 1998	390	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1627280.00	2498445.00	CMS-OE, 1998	391	Functional Test Range 1
20	MEC	Yes	M20 Booster	1	Surface	Yes	1627320.00	2498555.00	CMS-OE, 1998	392	Functional Test Range 1

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
20	MEC	Yes	M20 Booster	1	Surface	Yes	1627355.00	2498620.00	CMS-OE, 1998	393	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1627235.00	2498610.00	CMS-OE, 1998	394	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1627210.00	2498665.00	CMS-OE, 1998	395	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1627350.00	2498795.00	CMS-OE, 1998	396	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1627450.00	2497220.00	CMS-OE, 1998	397	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1627575.00	2497390.00	CMS-OE, 1998	398	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1627435.00	2498290.00	CMS-OE, 1998	399	Functional Test Range 1
20	MEC	Yes	Unknown (Possible CAD)	1	Surface	Yes	1627595.00	2498308.00	CMS-OE, 1998	400	Functional Test Range 1
20	MEC	Yes	3" Projectile, M62 APHE	1	Surface	Yes	1627510.00	2498555.00	CMS-OE, 1998	401	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1627540.00	2498740.00	CMS-OE, 1998	402	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1627700.00	2497350.00	CMS-OE, 1998	403	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1627700.00	2497450.00	CMS-OE, 1998	404	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.50 lbs.)	1	Surface	Yes	1627700.00	2497550.00	CMS-OE, 1998	405	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1627700.00	2497650.00	CMS-OE, 1998	406	Functional Test Range 1
20	MEC	Yes	BD Fuze Simple, Type11 1919	1	Surface	Yes	1627725.00	2498036.00	CMS-OE, 1998	407	Functional Test Range 1
20	MEC	Yes	M21 Booster	1	Surface	Yes	1627750.00	2498006.00	CMS-OE, 1998	408	Functional Test Range 1
20	MEC	Yes	3" M62	1	Surface	Yes	1627700.00	2498625.00	CMS-OE, 1998	409	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1627630.00	2498910.00	CMS-OE, 1998	410	Functional Test Range 1
20	MEC	Yes	Propellant Grains	1	Surface	Yes	1627620.00	2497540.00	CMS-OE, 1998	411	Functional Test Range 1
20	MEC	Yes	Base of Fuze	1	Surface	Yes	1627865.00	2497770.00	CMS-OE, 1998	412	Functional Test Range 1
20	MEC	Yes	75mm Base With Residue (2 Pieces)	2	Surface	Yes	1627850.00	2497725.00	CMS-OE, 1998	413	Functional Test Range 1
20	MEC	Yes	37mm Flare Residue	1	Surface	Yes	1627925.00	2497720.00	CMS-OE, 1998	414	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1628100.00	2498000.00	CMS-OE, 1998	415	Functional Test Range 1
20	MEC	Yes	Propellant Grains (5 lbs.)	5	Surface	Yes	1628040.00	2497020.00	CMS-OE, 1998	416	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.5 lbs.)	1	Surface	Yes	1628050.00	2497330.00	CMS-OE, 1998	417	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.5 lbs.)	1	Surface	Yes	1628050.00	2497360.00	CMS-OE, 1998	418	Functional Test Range 1
20	MEC	Yes	Propellant Grains (4 lbs.)	4	Surface	Yes	1628080.00	2497410.00	CMS-OE, 1998	419	Functional Test Range 1
20	MEC	Yes	Propellant Grains (2 lbs.)	2	Surface	Yes	1628095.00	2497410.00	CMS-OE, 1998	420	Functional Test Range 1
20	MEC	Yes	Propellant Grains (1 lbs.)	1	Surface	Yes	1628080.00	2497480.00	CMS-OE, 1998	421	Functional Test Range 1
20	MEC	Yes	Propellant Grains	1	Surface	Yes	1628075.00	2497540.00	CMS-OE, 1998	422	Functional Test Range 1
20	MEC	Yes	Propellant Grains (1 lbs.)	1	Surface	Yes	1628025.00	2497645.00	CMS-OE, 1998	423	Functional Test Range 1
20	MEC	Yes	Propellant Grains	1	Surface	Yes	1628175.00	2497730.00	CMS-OE, 1998	424	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.5 lbs.)	1	Surface	Yes	1628045.00	2497820.00	CMS-OE, 1998	425	Functional Test Range 1
20	MEC	Yes	75mm Base With Flare Mixture	1	Surface	Yes	1628080.00	2497855.00	CMS-OE, 1998	426	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	1	Surface	Yes	1628075.00	2497955.00	CMS-OE, 1998	427	Functional Test Range 1
20	MEC	Yes	M104 Fuze	1	Surface	Yes	1628150.00	2498060.00	CMS-OE, 1998	428	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	5	Surface	Yes	1628225.00	2497375.00	CMS-OE, 1998	429	Functional Test Range 1
20	MEC	Yes	Propellant Grains (2 oz.)	2	Surface	Yes	1628305.00	2497415.00	CMS-OE, 1998	430	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	4	Surface	Yes	1628325.00	2497515.00	CMS-OE, 1998	431	Functional Test Range 1
20	MEC	Yes	Propellant Grains (2 oz.)	2	Surface	Yes	1628280.00	2497680.00	CMS-OE, 1998	432	Functional Test Range 1
20	MEC	Yes	Propellant Grains (2 oz.)	2	Surface	Yes	1628325.00	2497680.00	CMS-OE, 1998	433	Functional Test Range 1
20	MEC	Yes	Propellant Grains (2 oz.)	2	Surface	Yes	1628300.00	2497680.00	CMS-OE, 1998	434	Functional Test Range 1
20	MEC	Yes	Propellant Grains (2 oz.)	2	Surface	Yes	1628280.00	2497680.00	CMS-OE, 1998	435	Functional Test Range 1
20	MEC	Yes	75mm Base (Residue)	1	Surface	Yes	1628300.00	2497755.00	CMS-OE, 1998	436	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.25 lbs.)	4	Surface	Yes	1628325.00	2497715.00	CMS-OE, 1998	437	Functional Test Range 1
20	MEC	Yes	Propellant Grains (0.50 lbs.)	8	Surface	Yes	1628300.00	2497850.00	CMS-OE, 1998	438	Functional Test Range 1

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
16	MEC	Yes	20mm Projectile, TP	1	Surface	Yes	1637675.00	2505670.00	CMS-OE, 1998	439	Functional Test Range 2/3
16	MEC	Yes	20mm Projectile, TP-T	1	Surface	Yes	1638655.00	2506375.00	CMS-OE, 1998	440	Functional Test Range 2/3
16	MEC	Yes	Loose HE (2 oz.)	1	Surface	Yes	1639643.00	2507421.00	CMS-OE, 1998	441	Functional Test Range 2/3
16	MEC	Yes	Explosive Chunks (4 LBS.)	4	Surface	Yes	1639575.00	2507450.00	CMS-OE, 1998	442	Functional Test Range 2/3
15	MEC	Yes	37mm Projectile, AP, M51 B1	1	Surface	Yes	1641099.00	2510690.00	CMS-OE, 1998	443	Functional Test Range 2/3
3	MEC	Yes	37mm Projectile	1	Surface	Yes	1614860.00	2488845.00	CMS-OE, 1998	444	Stockpile Clearance
3	MEC	Yes	40mm Tracer Projectile	1	Surface	Yes	1614850.00	2488845.00	CMS-OE, 1998	445	Stockpile Clearance
3	MEC	Yes	40mm Tracer Projectile	1	Surface	Yes	1614870.00	2488860.00	CMS-OE, 1998	446	Stockpile Clearance
3	MEC	Yes	M104 Fuze	1	Surface	Yes	1614870.00	2488850.00	CMS-OE, 1998	447	Stockpile Clearance
3	MEC	Yes	M52A1 Fuze	1	Surface	Yes	1614860.00	2488840.00	CMS-OE, 1998	448	Stockpile Clearance
3	MEC	Yes	M57 Fuze	1	Surface	Yes	1614855.00	2488840.00	CMS-OE, 1998	449	Stockpile Clearance
3	MEC	Yes	M503A1 Fuze	1	Surface	Yes	1614850.00	2488835.00	CMS-OE, 1998	450	Stockpile Clearance
3	MEC	Yes	37mm Projectile APT	1	Surface	Yes	1614795.00	2488835.00	CMS-OE, 1998	451	Stockpile Clearance
3	MEC	Yes	20mm Projectile APT	1	Surface	Yes	1614850.00	2488830.00	CMS-OE, 1998	452	Stockpile Clearance
3	MEC	Yes	M48 Fuze, SQ	1	Surface	Yes	1614830.00	2488830.00	CMS-OE, 1998	453	Stockpile Clearance
3	MEC	Yes	M53 Fuze	1	Surface	Yes	1614835.00	2488825.00	CMS-OE, 1998	454	Stockpile Clearance
3	MEC	Yes	BLU-4 Detonator	1	Surface	Yes	1614835.00	2488820.00	CMS-OE, 1998	455	Stockpile Clearance
3	MEC	Yes	Det Lead, M20 Fuze	1	Surface	Yes	1614835.00	2488815.00	CMS-OE, 1998	456	Stockpile Clearance
3	MEC	Yes	20mm Tracer Projectile	1	Surface	Yes	1614820.00	2488820.00	CMS-OE, 1998	457	Stockpile Clearance
3	MEC	Yes	M66 Fuze	1	Surface	Yes	1614781.00	2488810.00	CMS-OE, 1998	458	Stockpile Clearance
3	MEC	Yes	M104 Fuze	1	Surface	Yes	1614855.00	2488805.00	CMS-OE, 1998	459	Stockpile Clearance
3	MEC	Yes	37mm Tracer Projectile	1	Surface	Yes	1614880.00	2488775.00	CMS-OE, 1998	460	Stockpile Clearance
3	MEC	Yes	M104 Fuze	1	Surface	Yes	1614805.00	2488920.00	CMS-OE, 1998	461	Stockpile Clearance
3	MEC	Yes	Explosive C4	1	Surface	Yes	1614875.00	2488910.00	CMS-OE, 1998	462	Stockpile Clearance
3	MEC	Yes	40mm Tracer Projectile	1	Surface	Yes	1614800.00	2488910.00	CMS-OE, 1998	463	Stockpile Clearance
3	MEC	Yes	40mm Tracer Projectile	1	Surface	Yes	1614865.00	2488920.00	CMS-OE, 1998	464	Stockpile Clearance
3	MEC	Yes	Fuze Booster Cup	1	Surface	Yes	1614855.00	2488925.00	CMS-OE, 1998	465	Stockpile Clearance
3	MEC	Yes	Primer Cartridge	1	Surface	Yes	1614790.00	2488945.00	CMS-OE, 1998	466	Stockpile Clearance
3	MEC	Yes	M66 Fuze	1	Surface	Yes	1614880.00	2488945.00	CMS-OE, 1998	467	Stockpile Clearance
3	MEC	Yes	M104 Fuze	1	Surface	Yes	1614875.00	2488945.00	CMS-OE, 1998	468	Stockpile Clearance
3	MEC	Yes	Adapter 3.2 Sec. Delay	1	Surface	Yes	1614870.00	2488945.00	CMS-OE, 1998	469	Stockpile Clearance
3	MEC	Yes	M104 Fuze	1	Surface	Yes	1614860.00	2488945.00	CMS-OE, 1998	470	Stockpile Clearance
3	MEC	Yes	M104 Fuze	1	Surface	Yes	1614781.00	2488970.00	CMS-OE, 1998	471	Stockpile Clearance
3	MEC	Yes	40mm Projectile	1	Surface	Yes	1614785.00	2488950.00	CMS-OE, 1998	472	Stockpile Clearance
3	MEC	Yes	Bomblet Fuze M130	1	Surface	Yes	1614900.00	2488850.00	CMS-OE, 1998	473	Stockpile Clearance
3	MEC	Yes	M503 Fuze	26	Surface	Yes	1614905.00	2488855.00	CMS-OE, 1998	474	Stockpile Clearance
3	MEC	Yes	40mm Projectile	31	Surface	Yes	1614905.00	2488855.00	CMS-OE, 1998	475	Stockpile Clearance
3	MEC	Yes	M53 Fuze	20	Surface	Yes	1614905.00	2488855.00	CMS-OE, 1998	476	Stockpile Clearance
3	MEC	Yes	M52 Fuze	5	Surface	Yes	1614905.00	2488855.00	CMS-OE, 1998	477	Stockpile Clearance
3	MEC	Yes	M66 Fuze	13	Surface	Yes	1614905.00	2188855.00	CMS-OE, 1998	478	Stockpile Clearance
3	MEC	Yes	M20 Booster	3	Surface	Yes	1614905.00	2488855.00	CMS-OE, 1998	479	Stockpile Clearance
3	MEC	Yes	20mm Projectile	14	Surface	Yes	1614905.00	2488855.00	CMS-OE, 1998	480	Stockpile Clearance
3	MEC	Yes	Fuze Detonator XM 756	12	Surface	Yes	1614905.00	2488855.00	CMS-OE, 1998	481	Stockpile Clearance
3	MEC	Yes	50 Cal. With Tracer	1	Surface	Yes	1614905.00	2488855.00	CMS-OE, 1998	482	Stockpile Clearance
3	MEC	Yes	Primers Unknown	5	Surface	Yes	1614905.00	2488855.00	CMS-OE, 1998	483	Stockpile Clearance
3	MEC	Yes	Fuze VT Det Lead	3	Surface	Yes	1614905.00	2488855.00	CMS-OE, 1998	484	Stockpile Clearance

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	MEC	Yes	Delay Element	1	Surface	Yes	1614905.00	2488855.00	CMS-OE, 1998	485	Stockpile Clearance
3	MEC	Yes	Fuze M111	1	Surface	Yes	1614905.00	2488855.00	CMS-OE, 1998	486	Stockpile Clearance
3	MEC	Yes	20mm Projectile	1	Surface	Yes	1614970.00	2488805.00	CMS-OE, 1998	487	Stockpile Clearance
3	MEC	Yes	Projo 20mm HET	1	Surface	Yes	1614920.00	2488960.00	CMS-OE, 1998	488	Stockpile Clearance
3	MEC	Yes	M104 Fuze	1	Surface	Yes	1614905.00	2488968.00	CMS-OE, 1998	489	Stockpile Clearance
3	MEC	Yes	M104 Fuze	1	Surface	Yes	1614925.00	2488965.00	CMS-OE, 1998	490	Stockpile Clearance
3	MEC	Yes	M66 Fuze	1	Surface	Yes	1614920.00	2488960.00	CMS-OE, 1998	491	Stockpile Clearance
3	MEC	Yes	40mm Projectile	1	Surface	Yes	1614980.00	2488950.00	CMS-OE, 1998	492	Stockpile Clearance
3	MEC	Yes	20mm Projectile, HE	1	Surface	Yes	1614970.00	2488955.00	CMS-OE, 1998	493	Stockpile Clearance
3	MEC	Yes	Fuze Detonator	1	Surface	Yes	1614910.00	2488955.00	CMS-OE, 1998	494	Stockpile Clearance
3	MEC	Yes	M104 Fuze	1	Surface	Yes	1614900.00	2488950.00	CMS-OE, 1998	495	Stockpile Clearance
3	MEC	Yes	M48 Fuze	1	Surface	Yes	1614895.00	2488950.00	CMS-OE, 1998	496	Stockpile Clearance
3	MEC	Yes	20mm Projectile, HE	1	Surface	Yes	1614895.00	2488945.00	CMS-OE, 1998	497	Stockpile Clearance
3	MEC	Yes	M66 Fuze	1	Surface	Yes	1614892.00	2488950.00	CMS-OE, 1998	498	Stockpile Clearance
3	MEC	Yes	M104 Fuze	1	Surface	Yes	1614890.00	2488930.00	CMS-OE, 1998	499	Stockpile Clearance
3	MEC	Yes	40mm Projectile, HE	1	Surface	Yes	1614910.00	2488930.00	CMS-OE, 1998	500	Stockpile Clearance
3	MEC	Yes	Bomb Frag (20 lbs.), AN/M41	1	Surface	Yes	1614980.00	2488890.00	CMS-OE, 1998	501	Stockpile Clearance
3	MEC	Yes	Bomb Frag (20 lbs.), AN/M41	1	Surface	Yes	1614940.00	2488940.00	CMS-OE, 1998	502	Stockpile Clearance
3	MEC	Yes	40mm Projectile, HE	1	Surface	Yes	1614920.00	2488920.00	CMS-OE, 1998	503	Stockpile Clearance
3	MEC	Yes	20mm Projectile, HE	1	Surface	Yes	1614955.00	2488900.00	CMS-OE, 1998	504	Stockpile Clearance
3	MEC	Yes	M506 Fuze	1	Surface	Yes	1614970.00	2488910.00	CMS-OE, 1998	505	Stockpile Clearance
3	MEC	Yes	40mm Projectile, HE	1	Surface	Yes	1614950.00	2488905.00	CMS-OE, 1998	506	Stockpile Clearance
3	MEC	Yes	40mm Projectile, HE	1	Surface	Yes	1614935.00	2488905.00	CMS-OE, 1998	507	Stockpile Clearance
3	MEC	Yes	Fuze M56 Rotary Det.	1	Surface	Yes	1614905.00	2488900.00	CMS-OE, 1998	508	Stockpile Clearance
3	MEC	Yes	Explosive C4	1	Surface	Yes	1614915.00	2488905.00	CMS-OE, 1998	509	Stockpile Clearance
3	MEC	Yes	M110A1 Fuze	1	Surface	Yes	1614975.00	2488880.00	CMS-OE, 1998	510	Stockpile Clearance
3	MEC	Yes	40mm Projectile	1	Surface	Yes	1614930.00	2488900.00	CMS-OE, 1998	511	Stockpile Clearance
3	MEC	Yes	40mm Projectile	1	Surface	Yes	1614975.00	2488880.00	CMS-OE, 1998	512	Stockpile Clearance
3	MEC	Yes	40mm Projectile Fuze	1	Surface	Yes	1614980.00	2488875.00	CMS-OE, 1998	513	Stockpile Clearance
3	MEC	Yes	M104 Fuze	1	Surface	Yes	1614881.00	2488930.00	CMS-OE, 1998	514	Stockpile Clearance
3	MEC	Yes	40mm Projectile	1	Surface	Yes	1614935.00	2488873.00	CMS-OE, 1998	515	Stockpile Clearance
3	MEC	Yes	M104 Fuze	1	Surface	Yes	1614881.00	2488930.00	CMS-OE, 1998	516	Stockpile Clearance
3	MEC	Yes	M506 Fuze	1	Surface	Yes	1614970.00	2488910.00	CMS-OE, 1998	517	Stockpile Clearance
3	MEC	Yes	40mm Projectile, HE	1	Surface	Yes	1614935.00	2488905.00	CMS-OE, 1998	518	Stockpile Clearance
3	MEC	Yes	Fuze M56 Rotary Det.	1	Surface	Yes	1614905.00	2488900.00	CMS-OE, 1998	519	Stockpile Clearance
3	MEC	Yes	40mm Projectile, HE	1	Surface	Yes	1614950.00	2488905.00	CMS-OE, 1998	520	Stockpile Clearance
3	MEC	Yes	Explosive C4	1	Surface	Yes	1614915.00	2488905.00	CMS-OE, 1998	521	Stockpile Clearance
3	MEC	Yes	M110A1 Fuze	1	Surface	Yes	1614975.00	2488880.00	CMS-OE, 1998	522	Stockpile Clearance
3	MEC	Yes	40mm Projectile	1	Surface	Yes	1614930.00	2488900.00	CMS-OE, 1998	523	Stockpile Clearance
3	MEC	Yes	40mm Projectile	1	Surface	Yes	1614975.00	2488880.00	CMS-OE, 1998	524	Stockpile Clearance
3	MEC	Yes	40mm Projectile Fuze	1	Surface	Yes	1614980.00	2488875.00	CMS-OE, 1998	525	Stockpile Clearance
3	MEC	Yes	3.5" Rocket Base Fuze	1	Surface	Yes	1612575.00	2486680.00	CMS-OE, 1998	526	Southern Security Fence Line Clearance
3	MEC	Yes	60mm Mortar	1	Surface	Yes	1612243.00	2486888.00	CMS-OE, 1998	527	Southern Security Fence Line Clearance
3	MEC	Yes	37mm Projectile	1	Surface	Yes	1612126.00	2486958.00	CMS-OE, 1998	528	Southern Security Fence Line Clearance
3	MEC	Yes	40mm Projectile	1	Surface	Yes	1611530.00	2487865.00	CMS-OE, 1998	529	Southern Security Fence Line Clearance
3	MEC	Yes	40mm Projectile	1	Surface	Yes	1611426.00	2488955.00	CMS-OE, 1998	530	Southern Security Fence Line Clearance

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3	MEC	Yes	M68 Fuze	1	Surface	Yes	1611412.00	2489118.00	CMS-OE, 1998	531	Southern Security Fence Line Clearance
3	MEC	Yes	M68 Fuze	1	Surface	Yes	1611340.00	2489894.00	CMS-OE, 1998	532	Southern Security Fence Line Clearance
3	MEC	Yes	M68 Fuze	1	Surface	Yes	1611291.00	2490435.00	CMS-OE, 1998	533	Southern Security Fence Line Clearance
3	MEC	Yes	60mm Mortar	1	Surface	Yes	1611290.00	2490479.00	CMS-OE, 1998	534	Southern Security Fence Line Clearance
3	MEC	Yes	BLU-2	2	Surface	Yes	1611255.00	2490812.00	CMS-OE, 1998	535	Southern Security Fence Line Clearance
3	MEC	Yes	M68 Fuze	1	Surface	Yes	1613795.00	2491942.00	CMS-OE, 1998	536	Buffer Zone
3	MEC	Yes	BLU-3	1	Surface	Yes	1614238.00	2491947.00	CMS-OE, 1998	537	Buffer Zone
3	MEC	Yes	75mm Projectile	1	Surface	Yes	1614168.00	2491982.00	CMS-OE, 1998	538	Buffer Zone
3	MEC	Yes	M68 Fuze	1	Surface	Yes	1614218.00	2491971.00	CMS-OE, 1998	539	Buffer Zone
3	MEC	Yes	M68 Fuze	1	Surface	Yes	1614268.00	2491946.00	CMS-OE, 1998	540	Buffer Zone
3	MEC	Yes	M68 Fuze	1	Surface	Yes	1614113.00	2491927.00	CMS-OE, 1998	541	Buffer Zone
3	MEC	Yes	M68 Fuze	1	Surface	Yes	1614360.00	2491958.00	CMS-OE, 1998	542	Buffer Zone
3	MEC	Yes	M68 Fuze	1	Surface	Yes	1614372.00	2491940.00	CMS-OE, 1998	543	Buffer Zone
3	MEC	Yes	M68 Fuze	1	Surface	Yes	1614387.00	2491933.00	CMS-OE, 1998	544	Buffer Zone
3	MEC	Yes	M68 Fuze	1	Surface	Yes	1614354.00	2491954.00	CMS-OE, 1998	545	Buffer Zone
3	MEC	Yes	40mm Projectile	1	Surface	Yes	1614666.00	2491920.00	CMS-OE, 1998	546	Buffer Zone
3	MEC	Yes	M68 Fuze	1	Surface	Yes	1614546.00	2491928.00	CMS-OE, 1998	547	Buffer Zone
3	MEC	Yes	M68 Fuze	1	Surface	Yes	1614566.00	2491879.00	CMS-OE, 1998	548	Buffer Zone
3	MEC	Yes	40mm Projectile	1	Surface	Yes	1614855.00	2491865.00	CMS-OE, 1998	549	Buffer Zone
3	MEC	Yes	M68 Fuze	1	Surface	Yes	1614836.00	2491949.00	CMS-OE, 1998	550	Buffer Zone
3	MEC	Yes	M68 Fuze	1	Surface	Yes	1614856.00	2491916.00	CMS-OE, 1998	551	Buffer Zone
3	MEC	Yes	M68 Fuze	1	Surface	Yes	1614716.00	2491916.00	CMS-OE, 1998	552	Buffer Zone
3	MEC	Yes	37mm Projectile	1	Surface	Yes	1612438.00	2488956.00	CMS-OE, 1998	553	Seismic Survey Line Clearance
3	MEC	Yes	M66 Fuze	1	Surface	Yes	1612423.00	2488955.00	CMS-OE, 1998	554	Seismic Survey Line Clearance
3	MEC	Yes	M72 Fuze	1	Surface	Yes	1612435.00	2488922.00	CMS-OE, 1998	555	Seismic Survey Line Clearance
3	MEC	Yes	Bomblet, M83 w/Fuze	1	4.0	Yes	1614599.00	2488272.00	CMS-OE, 1998	556	Seismic Survey Line Clearance
3	MEC	Yes	Bomblet, BLU-4	1	Surface	Yes	1614599.00	2488321.00	CMS-OE, 1998	557	Seismic Survey Line Clearance
3	MEC	Yes	M104 Fuze	1	1.0	Yes	1619016.00	2488631.00	CMS-OE, 1998	558	Seismic Survey Line Clearance
3	MEC	Yes	37mm Projectile	1	1.0	Yes	1619002.00	2488647.00	CMS-OE, 1998	559	Seismic Survey Line Clearance
3	MEC	Yes	M104 Fuze	1	0.5	Yes	1619016.00	2488660.00	CMS-OE, 1998	560	Seismic Survey Line Clearance
3	MEC	Yes	M66 Fuze	1	1.0	Yes	1619081.00	2488085.00	CMS-OE, 1998	561	Seismic Survey Line Clearance
3	BIP	Yes	60m Mortar	1	6	Yes	1614845.01	2492090.32	EHSI, 1999	562	Grid Survey - Sector A - AL-2
3	BIP	Yes	M404 Fuze	1	6	Yes	1614871.04	2492469.78	EHSI, 1999	563	Grid Survey - Sector A - AL-3
3	BIP	Yes	57mm AP/HE	1	8	Yes	1614752.40	2492460.75	EHSI, 1999	564	Grid Survey - Sector A - AL-3
3	BIP	Yes	40mm with HE	1	6	Yes	1614923.08	2492278.13	EHSI, 1999	565	Grid Survey - Sector A - AL-3
3	BIP	Yes	40mm with HE	1	13	Yes	1614884.57	2492460.75	EHSI, 1999	566	Grid Survey - Sector A - AL-3
3	BIP	Yes	60mm with HE	1	8	Yes	1614891.86	2492456.73	EHSI, 1999	567	Grid Survey - Sector A - AL-3
3	BIP	Yes	75mm Projectile	1	7	Yes	1614761.75	2492179.63	EHSI, 1999	568	Grid Survey - Sector A - AL-2
3	BIP	Yes	37mm Projectile	1	6	Yes	1614916.73	2491935.24	EHSI, 1999	569	Grid Survey - Sector A - AL-1
3	BIP	Yes	37mm Projectile	1	6	Yes	1614781.44	2492025.55	EHSI, 1999	570	Grid Survey - Sector A - AL-1
3	BIP	Yes	M83 Butterfly comp.	1	8	Yes	1614906.33	2491995.45	EHSI, 1999	571	Grid Survey - Sector A - AL-1
3	BIP	Yes	57mm AP/HE	1	18	Yes	1614895.92	2491968.35	EHSI, 1999	572	Grid Survey - Sector A - AL-1
3	BIP	Yes	M1 Burster	1	6	Yes	1614253.08	2491966.67	EHSI, 1999	573	Grid Survey - Sector A - AH-1
3	BIP	Yes	37mm Projectile	1	6	Yes	1614159.42	2491986.74	EHSI, 1999	574	Grid Survey - Sector A - AH-1
3	BIP	Yes	Fuze Components	1	4	Yes	1614211.45	2491976.71	EHSI, 1999	575	Grid Survey - Sector A - AH-1
3	BIP	Yes	M66 BD Fuze	1	8	Yes	1613977.93	2491933.70	EHSI, 1999	576	Grid Survey - Sector A - AG-1

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	BIP	Yes	60mm Mortar	1	8	Yes	1614283.69	2492892.88	EHSI, 1999	577	Grid Survey - Sector A - AH-6
3	BIP	Yes	40mm	1	6	Yes	1614689.19	2492675.49	EHSI, 1999	578	Grid Survey - Sector A - AK-5
3	BIP	Yes	40mm	1	12	Yes	1614616.34	2492802.93	EHSI, 1999	579	Grid Survey - Sector A - AK-5
3	BIP	Yes	75mm Projectile	1	12	Yes	1613916.74	2492439.27	EHSI, 1999	580	Grid Survey - Sector A - AF-3
3	BIP	Yes	M83 Butterfly comp.	1	2	Yes	1614500.94	2492014.72	EHSI, 1999	581	Grid Survey - Sector A - AJ-1
3	BIP	Yes	57mm AP/HE	1	4	Yes	1614172.88	2492811.94	EHSI, 1999	582	Grid Survey - Sector A - AG-5
3	BIP	Yes	40mm Projectile	1	3	Yes	1614645.31	2492085.19	EHSI, 1999	583	Grid Survey - Sector A - AK-2
3	BIP	Yes	60mm Mortar	1	5	Yes	1614728.56	2492083.18	EHSI, 1999	584	Grid Survey - Sector A - AK-2
3	BIP	Yes	M148 PD Fuze	1	3	Yes	1614740.01	2492080.17	EHSI, 1999	585	Grid Survey - Sector A - AK-2
3	BIP	Yes	M148 PD Fuze	1	6	Yes	1614600.56	2492264.80	EHSI, 1999	586	Grid Survey - Sector A - AK-2
3	BIP	Yes	60mm Mortar	1	4	Yes	1613993.17	2492650.74	EHSI, 1999	587	Grid Survey - Sector A - AG-4
3	BIP	Yes	37mm Projectile	1	3	Yes	1613721.53	2492308.89	EHSI, 1999	588	Grid Survey - Sector A - AE-3
3	BIP	Yes	M66 BD Fuze	1	8	Yes	1614156.43	2492290.79	EHSI, 1999	589	Grid Survey - Sector A - AH-3
3	BIP	Yes	M148 PD Fuze	1	3	Yes	1614177.25	2492451.33	EHSI, 1999	590	Grid Survey - Sector A - AH-3
3	BIP	Yes	60mm Mortar	1	6	Yes	1614322.95	2492441.30	EHSI, 1999	591	Grid Survey - Sector A - AH-3
3	BIP	Yes	60mm Mortar	1	1	Yes	1613730.20	2492217.66	EHSI, 1999	592	Grid Survey - Sector A - AE-2
3	BIP	Yes	M148 PD Fuze	1	1	Yes	1615093.56	2494380.50	EHSI, 1999	593	Transect Search Routes - Lane 1
3	MEC	Yes	37mm Projectile	1	unknown	No			EHSI, 1999		Grid Survey - Sector A
3	MEC	Yes	37mm Projectile	1	unknown	No			EHSI, 1999		Grid Survey - Sector A
3	MEC	Yes	90mm Projectile	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AA-1
3	MEC	Yes	M48 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AA-1
3	MEC	Yes	75mm Projectile	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AA-1
3	MEC	Yes	M66 BD Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AA-1
3	MEC	Yes	M66 BD Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AB-4
3	MEC	Yes	40mm Projectile	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AB-4
3	MEC	Yes	M48 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AB-4
3	MEC	Yes	75mm Projectile	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AB-6
3	MEC	Yes	M72 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AB-6
3	MEC	Yes	M68 Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AB-5
3	MEC	Yes	90 MM	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AB-5
3	MEC	Yes	M68 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AB-1
3	MEC	Yes	M68 Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-6
3	MEC	Yes	M68 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AH-6
3	MEC	Yes	M68 Fuze	6	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-5
3	MEC	Yes	M48 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-5
3	MEC	Yes	MK 149 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-5
3	MEC	Yes	3.5 Rocket Motor	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-5
3	MEC	Yes	M66 BD Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-5
3	MEC	Yes	M72 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-5
3	MEC	Yes	75mm Projectile	3	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-5
3	MEC	Yes	57mm AP/HE	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-6
3	MEC	Yes	25LBS Frag Bomb	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-6
3	MEC	Yes	M66 BD Fuze	5	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-4
3	MEC	Yes	M72 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-4
3	MEC	Yes	M48 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-4
3	MEC	Yes	37mm Projectile	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-4

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	MEC	Yes	M66 BD Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AM-4
3	MEC	Yes	40mm Projectile	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - BB-1
3	MEC	Yes	40mm Projectile	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AM-3
3	MEC	Yes	57mm AP/HE	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AM-3
3	MEC	Yes	M66 BD Fuze	11	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-2
3	MEC	Yes	MK 149 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-2
3	MEC	Yes	M48 Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-2
3	MEC	Yes	M72 Fuze	3	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-2
3	MEC	Yes	M404 Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-2
3	MEC	Yes	M66 BD Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-2
3	MEC	Yes	MK 149 Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-3
3	MEC	Yes	M66 BD Fuze	8	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-3
3	MEC	Yes	M48 Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-3
3	MEC	Yes	M66 BD Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-3
3	MEC	Yes	M66 BD Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - S2-28
3	MEC	Yes	M66 BD Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - S2-29
3	MEC	Yes	Projectile Fuze Comp.	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - S2-29
3	MEC	Yes	MK 149 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AM-2
3	MEC	Yes	M103 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AM-2
3	MEC	Yes	M66 BD Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AM-2
3	MEC	Yes	M66 BD Fuze	3	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-1
3	MEC	Yes	M48 Fuze	3	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-1
3	MEC	Yes	M72 Fuze	5	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-1
3	MEC	Yes	MK 149 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-1
3	MEC	Yes	57mm AP/HE	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-1
3	MEC	Yes	M68 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AL-1
3	MEC	Yes	37mm Projectile	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AH-1
3	MEC	Yes	M72 Fuze	4	unknown	No			EHSI, 1999		Grid Survey - Sector A - AH-1
3	MEC	Yes	M66 BD Fuze	5	unknown	No			EHSI, 1999		Grid Survey - Sector A - AH-1
3	MEC	Yes	MK 149 Fuze	3	unknown	No			EHSI, 1999		Grid Survey - Sector A - AH-1
3	MEC	Yes	M120 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AH-1
3	MEC	Yes	M500 Series Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AH-1
3	MEC	Yes	75mm Projectile	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AH-1
3	MEC	Yes	M66 BD Fuze	4	unknown	No			EHSI, 1999		Grid Survey - Sector A - AM-1
3	MEC	Yes	M66 BD Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AG-1
3	MEC	Yes	M500 Series Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AG-1
3	MEC	Yes	M66 BD Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AG-1
3	MEC	Yes	M67 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AE-1
3	MEC	Yes	M66 BD Fuze	4	unknown	No			EHSI, 1999		Grid Survey - Sector A - AE-1
3	MEC	Yes	M72 Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AE-1
3	MEC	Yes	M68 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AE-1
3	MEC	Yes	M48 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AE-1
3	MEC	Yes	M404 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AE-1
3	MEC	Yes	M38 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AF-2
3	MEC	Yes	M103 Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AF-2
3	MEC	Yes	75mm Projectile	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AF-2

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	MEC	Yes	M72 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AF-2
3	MEC	Yes	M66 BD Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AF-2
3	MEC	Yes	M66 BD Fuze	3	unknown	No			EHSI, 1999		Grid Survey - Sector A - AG-2
3	MEC	Yes	M500 Series Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AG-2
3	MEC	Yes	75mm Projectile	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AG-2
3	MEC	Yes	M72 Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AG-2
3	MEC	Yes	M48 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AG-2
3	MEC	Yes	M66 BD Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AK-6
3	MEC	Yes	M72 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AK-6
3	MEC	Yes	M66 BD Fuze	3	unknown	No			EHSI, 1999		Grid Survey - Sector A - AJ-6
3	MEC	Yes	M72 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AJ-6
3	MEC	Yes	M66 BD Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AH-6
3	MEC	Yes	M72 Fuze	5	unknown	No			EHSI, 1999		Grid Survey - Sector A - AK-5
3	MEC	Yes	M48 Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AK-5
3	MEC	Yes	90 MM	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AK-5
3	MEC	Yes	M66 BD Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AK-5
3	MEC	Yes	M48 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AJ-5
3	MEC	Yes	M72 Fuze	3	unknown	No			EHSI, 1999		Grid Survey - Sector A - AJ-5
3	MEC	Yes	M68 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AJ-5
3	MEC	Yes	M66 BD Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AJ-5
3	MEC	Yes	M500 Series Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AH-5
3	MEC	Yes	M48 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AH-5
3	MEC	Yes	M66 BD Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AH-5
3	MEC	Yes	M66 BD Fuze	4	unknown	No			EHSI, 1999		Grid Survey - Sector A - AG-3
3	MEC	Yes	M48 Fuze	3	unknown	No			EHSI, 1999		Grid Survey - Sector A - AG-3
3	MEC	Yes	M72 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AG-3
3	MEC	Yes	M40 mm	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AK-1
3	MEC	Yes	M48 Fuze	3	unknown	No			EHSI, 1999		Grid Survey - Sector A - AK-1
3	MEC	Yes	M66 BD Fuze	3	unknown	No			EHSI, 1999		Grid Survey - Sector A - AK-1
3	MEC	Yes	M72 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AK-1
3	MEC	Yes	40mm Projectile	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AH-4
3	MEC	Yes	M66 BD Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AH-4
3	MEC	Yes	M404 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AH-4
3	MEC	Yes	M48 Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AH-4
3	MEC	Yes	M404 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AJ-1
3	MEC	Yes	M500 Series Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AJ-1
3	MEC	Yes	M66 BD Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AJ-1
3	MEC	Yes	MK 149 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AJ-1
3	MEC	Yes	M48 Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AJ-1
3	MEC	Yes	M66 BD Fuze	3	unknown	No			EHSI, 1999		Grid Survey - Sector A - AD-1
3	MEC	Yes	M72 Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AH-2
3	MEC	Yes	M66 BD Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AH-2
3	MEC	Yes	M500 Series Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AH-2
3	MEC	Yes	MK 149 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AH-2
3	MEC	Yes	M404 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AH-2
3	MEC	Yes	M66 BD Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AE-5

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	MEC	Yes	M66 BD Fuze	4	unknown	No			EHSI, 1999		Grid Survey - Sector A - AE-6
3	MEC	Yes	M48 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AE-6
3	MEC	Yes	M66 BD Fuze	9	unknown	No			EHSI, 1999		Grid Survey - Sector A - AK-4
3	MEC	Yes	M48 Fuze	3	unknown	No			EHSI, 1999		Grid Survey - Sector A - AK-4
3	MEC	Yes	M149 Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AK-4
3	MEC	Yes	M404 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AK-4
3	MEC	Yes	M28 Fuze	3	unknown	No			EHSI, 1999		Grid Survey - Sector A - AK-4
3	MEC	Yes	M66 BD Fuze	10	unknown	No			EHSI, 1999		Grid Survey - Sector A - AJ-4
3	MEC	Yes	M404 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AJ-4
3	MEC	Yes	M72 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AG-5
3	MEC	Yes	M66 BD Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AG-6
3	MEC	Yes	M66 BD Fuze	3	unknown	No			EHSI, 1999		Grid Survey - Sector A - AG-4
3	MEC	Yes	M72 Fuze	3	unknown	No			EHSI, 1999		Grid Survey - Sector A - AG-4
3	MEC	Yes	M68 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AG-4
3	MEC	Yes	MK 149 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AG-4
3	MEC	Yes	M68 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AG-4
3	MEC	Yes	M66 BD Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AF-5
3	MEC	Yes	M48 Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AE-3
3	MEC	Yes	M66 BD Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AE-3
3	MEC	Yes	M66 BD Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AE-4
3	MEC	Yes	M72 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AE-4
3	MEC	Yes	M404 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AJ-2
3	MEC	Yes	M48 Fuze	7	unknown	No			EHSI, 1999		Grid Survey - Sector A - AJ-2
3	MEC	Yes	M66 BD Fuze	6	unknown	No			EHSI, 1999		Grid Survey - Sector A - AJ-2
3	MEC	Yes	M149 Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AJ-2
3	MEC	Yes	M72 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AD-5
3	MEC	Yes	M66 BD Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AD-5
3	MEC	Yes	M48 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AD-5
3	MEC	Yes	M66 BD Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AH-3
3	MEC	Yes	M404 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AH-3
3	MEC	Yes	M72 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AH-3
3	MEC	Yes	MK 149 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AD-4
3	MEC	Yes	M48 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AD-4
3	MEC	Yes	M66 BD Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AD-3
3	MEC	Yes	M66 BD Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AJ-3
3	MEC	Yes	M72 Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AJ-3
3	MEC	Yes	MK 149 Fuze	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AK-3
3	MEC	Yes	40mm Projectile	2	unknown	No			EHSI, 1999		Grid Survey - Sector A - AK-3
3	MEC	Yes	M66 BD Fuze	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AD-2
3	MEC	Yes	75mm Projectile	1	unknown	No			EHSI, 1999		Grid Survey - Sector A - AG-7
3	MEC	Yes	40mm Projectile	2	unknown	No			EHSI, 1999		Transect Search Routes - Lane 1
3	MEC	Yes	5 pounds OE scrap (inert)		0 - 1'	Yes	1611898.19	2485923.21	USA, 2001	594	Western Boundary Fence Line - Grid S 11
3	MEC	Yes	1 pounds OE scrap (inert)		0 - 1'	Yes	1612096.73	2485917.94	USA, 2001	595	Western Boundary Fence Line - Grid S 12
3	MEC	Yes	1 pounds OE scrap (inert)		0 - 1'	Yes	1612695.87	2485933.10	USA, 2001	596	Western Boundary Fence Line - Grid S 15
3	MEC	Yes	5 pounds OE scrap (inert)		0 - 1'	Yes	1612894.81	2485937.04	USA, 2001	597	Western Boundary Fence Line - Grid S 16
3	MEC	Yes	15 pounds OE scrap (inert)		0 - 1'	Yes	1613052.76	2485947.03	USA, 2001	598	Western Boundary Fence Line - Grid S 17

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	MEC	Yes	40 pounds OE scrap (inert)		0 - 1'	Yes	1613483.89	2485951.30	USA, 2001	599	Western Boundary Fence Line - Grid S 19
3	MEC	Yes	1 pounds OE scrap (inert)		0 - 1'	Yes	1613668.36	2485949.16	USA, 2001	600	Western Boundary Fence Line - Grid S 20
OFF-SITE	MEC	Yes	2 pounds OE scrap (inert)		0 - 1'	Yes	1613859.51	2485952.90	USA, 2001	601	Western Boundary Fence Line - Grid S 21
OFF-SITE	MEC	Yes	30 pounds OE scrap (inert)		0 - 1'	Yes	1614044.21	2485958.05	USA, 2001	602	Western Boundary Fence Line - Grid S 22
OFF-SITE	MEC	Yes	10 pounds OE scrap (inert)		0 - 1'	Yes	1614236.69	2485958.05	USA, 2001	603	Western Boundary Fence Line - Grid S 23
OFF-SITE	MEC	Yes	10 pounds OE scrap (inert)		0 - 1'	Yes	1614421.90	2485961.45	USA, 2001	604	Western Boundary Fence Line - Grid S 24
OFF-SITE	MEC	Yes	5 pounds OE scrap (inert)		0 - 1'	Yes	1614619.07	2485964.37	USA, 2001	605	Western Boundary Fence Line - Grid S 25
OFF-SITE	MEC	Yes	4 pounds OE scrap (inert)		0 - 1'	Yes	1614812.68	2485969.02	USA, 2001	606	Western Boundary Fence Line - Grid S 26
OFF-SITE	MEC	Yes	5 pounds OE scrap (inert)		0 - 1'	Yes	1615016.99	2485969.00	USA, 2001	607	Western Boundary Fence Line - Grid S 27
OFF-SITE	MEC	Yes	2 pounds OE scrap (inert)		0 - 1'	Yes	1615210.58	2485986.04	USA, 2001	608	Western Boundary Fence Line - Grid S 28
OFF-SITE	MEC	Yes	2 pounds OE scrap (inert)		0 - 1'	Yes	1615402.52	2486003.75	USA, 2001	609	Western Boundary Fence Line - Grid S 29
OFF-SITE	BIP	Yes	M83 Butterfly Bomblet (active)		0 - 1'	Yes	1615673.72	2486034.02	USA, 2001	610	Western Boundary Fence Line - Grid S 30
OFF-SITE	MEC	Yes	15 pounds OE scrap (inert)		0 - 1'	Yes	1615593.72	2486020.02	USA, 2001	611	Western Boundary Fence Line - Grid S 30
OFF-SITE	MEC	Yes	1 pounds OE scrap (inert)		0 - 1'	Yes	1615759.94	2486034.87	USA, 2001	612	Western Boundary Fence Line - Grid S 31
OFF-SITE	MEC	Yes	20 pounds OE scrap (inert)		0 - 1'	Yes	1615980.31	2486052.47	USA, 2001	613	Western Boundary Fence Line - Grid S 32
OFF-SITE	MEC	Yes	20 pounds OE scrap (inert)		0 - 1'	Yes	1616161.21	2486068.64	USA, 2001	614	Western Boundary Fence Line - Grid S 33
OFF-SITE	MEC	Yes	25 pounds OE scrap (inert)		0 - 1'	Yes	1616347.95	2486086.46	USA, 2001	615	Western Boundary Fence Line - Grid N 1
OFF-SITE	MEC	Yes	10 pounds OE scrap (inert)		0 - 1'	Yes	1616537.03	2486100.53	USA, 2001	616	Western Boundary Fence Line - Grid N 2
3	MEC	Yes	30 pounds OE scrap (inert)		0 - 1'	Yes	1616735.45	2486116.97	USA, 2001	617	Western Boundary Fence Line - Grid N 3
3	MEC	Yes	20 pounds OE scrap (inert)		0 - 1'	Yes	1616925.03	2486133.62	USA, 2001	618	Western Boundary Fence Line - Grid N 4
3	MEC	Yes	15 pounds OE scrap (inert)		0 - 1'	Yes	1617125.14	2486151.88	USA, 2001	619	Western Boundary Fence Line - Grid N 5
3	MEC	Yes	25 pounds OE scrap (inert)		0 - 1'	Yes	1617323.43	2486170.70	USA, 2001	620	Western Boundary Fence Line - Grid N 6
3	MEC	Yes	10 pounds OE scrap (inert)		0 - 1'	Yes	1617522.77	2486185.49	USA, 2001	621	Western Boundary Fence Line - Grid N 7
3	MEC	Yes	1 pounds OE scrap (inert)		0 - 1'	Yes	1617717.40	2486202.50	USA, 2001	622	Western Boundary Fence Line - Grid N 8
3	MEC	Yes	0.5 pounds OE scrap (inert)		0 - 1'	Yes	1617906.22	2486220.23	USA, 2001	623	Western Boundary Fence Line - Grid N 9
3	MEC	Yes	0.5 pounds OE scrap (inert)		0 - 1'	Yes	1618102.87	2486237.77	USA, 2001	624	Western Boundary Fence Line - Grid N 10
3	MEC	Yes	0.2 pounds OE scrap (inert)		0 - 1'	Yes	1618303.93	2486254.25	USA, 2001	625	Western Boundary Fence Line - Grid N 11
3	MEC	Yes	15 pounds OE scrap (inert)		0 - 1'	Yes	1618492.07	2486272.80	USA, 2001	626	Western Boundary Fence Line - Grid N 12
3	MEC	Yes	5 pounds OE scrap (inert)		0 - 1'	Yes	1618530.72	2486326.51	USA, 2001	627	Western Boundary Fence Line - Grid N 13
3	MEC	Yes	20 pounds OE scrap (inert)		0 - 1'	Yes	1618727.75	2486307.92	USA, 2001	628	Western Boundary Fence Line - Grid N 14
3	MEC	Yes	5 pounds OE scrap (inert)		0 - 1'	Yes	1618921.35	2486307.46	USA, 2001	629	Western Boundary Fence Line - Grid N 15
3	MEC	Yes	10 pounds OE scrap (inert)		0 - 1'	Yes	1619133.80	2486330.51	USA, 2001	630	Western Boundary Fence Line - Grid N 16
3	MEC	Yes	2 pounds OE scrap (inert)		0 - 1'	Yes	1619318.24	2486343.58	USA, 2001	631	Western Boundary Fence Line - Grid N 17
3	MEC	Yes	1 pounds OE scrap (inert)		0 - 1'	Yes	1620705.79	2486465.72	USA, 2001	632	Western Boundary Fence Line - Grid N 24
3	MEC	Yes	1 pounds OE scrap (inert)		0 - 1'	Yes	1621679.91	2486578.75	USA, 2001	633	Western Boundary Fence Line - Grid N 29
3	MEC	Yes	1 pounds OE scrap (inert)		0 - 1'	Yes	1622257.02	2486652.71	USA, 2001	634	Western Boundary Fence Line - Grid N 32
11	MEC	Yes	37mm Projectile (inert)		unknown	Yes	1643883.38	2497963.84	EHSI, 1998	635	Electrical Subcontractor Clearance
11	MEC	Yes	37mm Projectile (inert)		unknown	Yes	1643884.10	2497962.55	EHSI, 1998	636	Electrical Subcontractor Clearance
11	MEC	Yes	37mm Projectile (inert)		unknown	Yes	1643884.61	2497961.02	EHSI, 1998	637	Electrical Subcontractor Clearance
11	MEC	Yes	75mm Projectile (inert)		unknown	Yes	1643885.30	2497959.84	EHSI, 1998	638	Electrical Subcontractor Clearance
11	MEC	Yes	75mm Projectile (inert)		unknown	Yes	1643885.96	2497958.53	EHSI, 1998	639	Electrical Subcontractor Clearance

Table 5
Military Munitions Summary Table
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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	BIP	Yes	918 Blow-in-Place items include: 40mm Projectile (5), 57mm Projectile (3), 60mm Mortar (1), 75mm Projectile (1), 81mm Mortar (1), PG-9 Rocket (1), 5" Zuni Rocket Warhead (1), 20LB. Frag Bomb (3), BLU-3 Bomblet (96), BLU-4 Bomblet (259), and M83 Butterfly Bomblet (547). Locations for 656 items have been mapped, the remaining 262 locations are unknown.	1	0 - 6"	Yes	1616662.70	2487093.99	UXB, 1993	640	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616652.05	2487153.18	UXB, 1993	641	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616587.06	2487231.30	UXB, 1993	642	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616448.26	2487221.89	UXB, 1993	643	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616390.67	2487293.23	UXB, 1993	644	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615827.14	2487283.62	UXB, 1993	645	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615822.42	2487358.70	UXB, 1993	646	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616473.89	2487382.11	UXB, 1993	647	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616530.52	2487386.50	UXB, 1993	648	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616633.15	2487367.80	UXB, 1993	649	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615969.55	2487437.14	UXB, 1993	650	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615921.98	2487431.26	UXB, 1993	651	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615856.58	2487432.65	UXB, 1993	652	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616002.87	2487508.68	UXB, 1993	653	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616060.34	2487504.58	UXB, 1993	654	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616129.63	2487511.89	UXB, 1993	655	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616692.48	2487537.08	UXB, 1993	656	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616767.22	2487603.35	UXB, 1993	657	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616825.11	2487600.68	UXB, 1993	658	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616332.65	2487676.12	UXB, 1993	659	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616488.36	2487774.82	UXB, 1993	660	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615882.30	2487763.35	UXB, 1993	661	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616555.37	2487866.31	UXB, 1993	662	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616635.55	2487862.73	UXB, 1993	663	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616822.31	2487869.04	UXB, 1993	664	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616633.92	2487932.26	UXB, 1993	665	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616490.51	2487930.70	UXB, 1993	666	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616074.79	2487908.65	UXB, 1993	667	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616062.46	2487952.14	UXB, 1993	668	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615803.17	2487936.96	UXB, 1993	669	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615037.24	2487738.06	UXB, 1993	670	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615050.47	2487781.73	UXB, 1993	671	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614978.30	2487764.83	UXB, 1993	672	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615497.53	2487898.91	UXB, 1993	673	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615641.03	2487833.72	UXB, 1993	674	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615552.63	2487841.20	UXB, 1993	675	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615611.69	2487779.40	UXB, 1993	676	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615327.36	2487795.32	UXB, 1993	677	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615242.73	2487759.87	UXB, 1993	678	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615179.73	2487760.42	UXB, 1993	679	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615011.90	2487829.76	UXB, 1993	680	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614939.09	2487762.63	UXB, 1993	681	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614864.31	2487783.50	UXB, 1993	682	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614950.56	2487717.21	UXB, 1993	683	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614883.32	2487727.98	UXB, 1993	684	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614834.53	2487739.10	UXB, 1993	685	Current and Closed OB/OD Areas

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Military Munitions Summary Table
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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	BIP	Yes		1	0 - 6"	Yes	1614804.01	2487743.91	UXB, 1993	686	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614862.93	2487685.42	UXB, 1993	687	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614981.48	2487670.74	UXB, 1993	688	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615079.37	2487673.62	UXB, 1993	689	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615215.35	2487704.22	UXB, 1993	690	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615256.10	2487703.64	UXB, 1993	691	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615328.35	2487740.43	UXB, 1993	692	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615419.75	2487740.19	UXB, 1993	693	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615677.65	2487689.96	UXB, 1993	694	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615206.11	2487634.20	UXB, 1993	695	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615147.41	2487623.10	UXB, 1993	696	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615092.79	2487626.86	UXB, 1993	697	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615056.57	2487621.48	UXB, 1993	698	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614939.48	2487624.38	UXB, 1993	699	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614867.72	2487630.23	UXB, 1993	700	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614940.22	2487575.17	UXB, 1993	701	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615314.01	2487592.54	UXB, 1993	702	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615422.22	2487629.97	UXB, 1993	703	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615569.05	2487639.73	UXB, 1993	704	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615554.02	2487572.30	UXB, 1993	705	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615488.37	2487568.47	UXB, 1993	706	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615371.67	2487551.98	UXB, 1993	707	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615206.78	2487522.01	UXB, 1993	708	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615082.18	2487512.75	UXB, 1993	709	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615003.93	2487515.47	UXB, 1993	710	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614947.46	2487518.19	UXB, 1993	711	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615184.67	2487475.58	UXB, 1993	712	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615090.64	2487470.98	UXB, 1993	713	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615037.44	2487474.80	UXB, 1993	714	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614958.99	2487471.35	UXB, 1993	715	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614911.77	2487468.33	UXB, 1993	716	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614799.38	2487439.72	UXB, 1993	717	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615088.76	2487416.91	UXB, 1993	718	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615237.83	2487418.73	UXB, 1993	719	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615399.39	2487449.03	UXB, 1993	720	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615304.90	2487379.53	UXB, 1993	721	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615392.62	2487376.76	UXB, 1993	722	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615492.15	2487342.30	UXB, 1993	723	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615369.12	2487318.90	UXB, 1993	724	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615316.82	2487323.71	UXB, 1993	725	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615214.66	2487321.11	UXB, 1993	726	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615290.05	2487264.76	UXB, 1993	727	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615372.14	2487271.68	UXB, 1993	728	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615478.19	2487272.08	UXB, 1993	729	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615580.72	2487287.95	UXB, 1993	730	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615707.31	2487294.93	UXB, 1993	731	Current and Closed OB/OD Areas

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	BIP	Yes		1	0 - 6"	Yes	1615707.67	2487232.92	UXB, 1993	732	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615284.40	2487220.95	UXB, 1993	733	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615211.54	2487219.64	UXB, 1993	734	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615133.02	2487228.51	UXB, 1993	735	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614925.11	2487240.21	UXB, 1993	736	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614855.77	2487255.63	UXB, 1993	737	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615245.46	2487180.41	UXB, 1993	738	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615301.77	2487170.57	UXB, 1993	739	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615352.59	2487167.12	UXB, 1993	740	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615597.46	2487176.46	UXB, 1993	741	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615649.34	2487127.13	UXB, 1993	742	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615104.09	2487121.64	UXB, 1993	743	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613936.30	2488158.95	UXB, 1993	744	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613991.99	2488141.51	UXB, 1993	745	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614110.92	2488150.52	UXB, 1993	746	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614580.41	2487929.65	UXB, 1993	747	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614641.13	2487873.13	UXB, 1993	748	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614693.03	2487834.22	UXB, 1993	749	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614712.26	2487763.09	UXB, 1993	750	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614650.73	2487816.26	UXB, 1993	751	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614221.81	2488083.89	UXB, 1993	752	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614150.40	2488092.59	UXB, 1993	753	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613896.61	2488081.44	UXB, 1993	754	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614008.01	2488067.87	UXB, 1993	755	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614310.41	2488039.48	UXB, 1993	756	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614514.53	2487887.93	UXB, 1993	757	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614687.41	2487735.95	UXB, 1993	758	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614578.97	2487789.90	UXB, 1993	759	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614070.91	2488015.70	UXB, 1993	760	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613931.36	2488034.20	UXB, 1993	761	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613927.32	2487986.19	UXB, 1993	762	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614044.90	2487971.95	UXB, 1993	763	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614142.28	2487964.86	UXB, 1993	764	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614537.01	2487753.49	UXB, 1993	765	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614592.20	2487715.20	UXB, 1993	766	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614659.98	2487670.35	UXB, 1993	767	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614724.12	2487622.50	UXB, 1993	768	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614392.74	2487825.28	UXB, 1993	769	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614143.17	2487912.34	UXB, 1993	770	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613962.60	2487926.66	UXB, 1993	771	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613895.12	2487889.13	UXB, 1993	772	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614116.97	2487861.94	UXB, 1993	773	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614325.21	2487810.48	UXB, 1993	774	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614706.30	2487532.22	UXB, 1993	775	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613880.49	2487790.94	UXB, 1993	776	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614412.21	2487641.00	UXB, 1993	777	Current and Closed OB/OD Areas

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Military Munitions Summary Table
Fort Wingate Depot Activity
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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	BIP	Yes		1	0 - 6"	Yes	1614498.24	2487590.32	UXB, 1993	778	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614661.27	2487468.69	UXB, 1993	779	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614716.39	2487442.70	UXB, 1993	780	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614335.32	2487623.41	UXB, 1993	781	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614120.94	2487717.69	UXB, 1993	782	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614059.00	2487726.34	UXB, 1993	783	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614019.91	2487667.80	UXB, 1993	784	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614076.91	2487652.78	UXB, 1993	785	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614141.32	2487641.88	UXB, 1993	786	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614220.92	2487640.64	UXB, 1993	787	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614263.05	2487619.29	UXB, 1993	788	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614387.23	2487530.52	UXB, 1993	789	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614435.98	2487498.57	UXB, 1993	790	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614292.27	2487536.29	UXB, 1993	791	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614334.53	2487512.10	UXB, 1993	792	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614381.78	2487481.98	UXB, 1993	793	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614386.85	2487420.65	UXB, 1993	794	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614313.63	2487459.57	UXB, 1993	795	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614203.66	2487505.41	UXB, 1993	796	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614047.82	2487549.70	UXB, 1993	797	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614157.24	2487462.65	UXB, 1993	798	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614060.50	2487498.17	UXB, 1993	799	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613955.63	2487535.71	UXB, 1993	800	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613910.13	2487547.44	UXB, 1993	801	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613953.49	2487487.31	UXB, 1993	802	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614080.97	2487441.77	UXB, 1993	803	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614131.06	2487422.67	UXB, 1993	804	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613946.82	2487348.28	UXB, 1993	805	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614572.88	2487174.07	UXB, 1993	806	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614446.38	2487175.61	UXB, 1993	807	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614338.76	2487189.35	UXB, 1993	808	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613489.60	2488260.07	UXB, 1993	809	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613632.47	2488198.16	UXB, 1993	810	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613801.20	2488054.52	UXB, 1993	811	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613525.67	2488096.40	UXB, 1993	812	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613473.72	2488114.95	UXB, 1993	813	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613485.05	2488051.05	UXB, 1993	814	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613620.32	2487989.75	UXB, 1993	815	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613458.88	2487978.40	UXB, 1993	816	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613357.59	2487891.09	UXB, 1993	817	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613463.36	2487844.12	UXB, 1993	818	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613465.66	2487705.48	UXB, 1993	819	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613554.36	2487669.60	UXB, 1993	820	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613642.90	2487637.51	UXB, 1993	821	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613391.07	2487668.11	UXB, 1993	822	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613546.11	2487609.58	UXB, 1993	823	Current and Closed OB/OD Areas

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	BIP	Yes		1	0 - 6"	Yes	1613697.93	2487549.01	UXB, 1993	824	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613812.11	2487515.20	UXB, 1993	825	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613725.10	2487491.01	UXB, 1993	826	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613786.41	2487399.48	UXB, 1993	827	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613840.49	2487375.81	UXB, 1993	828	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613514.44	2487435.83	UXB, 1993	829	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613424.48	2487478.75	UXB, 1993	830	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613407.70	2487418.83	UXB, 1993	831	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613467.07	2487393.02	UXB, 1993	832	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613540.96	2487360.28	UXB, 1993	833	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613671.36	2487312.98	UXB, 1993	834	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613775.87	2487219.08	UXB, 1993	835	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613854.16	2487129.24	UXB, 1993	836	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613579.90	2487185.37	UXB, 1993	837	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613501.58	2487103.33	UXB, 1993	838	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613365.02	2487139.95	UXB, 1993	839	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613350.87	2487084.87	UXB, 1993	840	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613153.02	2487514.18	UXB, 1993	841	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613027.23	2487693.80	UXB, 1993	842	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612965.92	2487752.66	UXB, 1993	843	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612892.66	2487771.22	UXB, 1993	844	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612898.79	2487815.06	UXB, 1993	845	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612694.30	2487932.03	UXB, 1993	846	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612556.28	2487926.44	UXB, 1993	847	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612439.55	2488050.58	UXB, 1993	848	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612581.62	2488007.10	UXB, 1993	849	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612738.52	2487970.90	UXB, 1993	850	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612847.91	2487949.19	UXB, 1993	851	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612971.43	2487983.03	UXB, 1993	852	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612853.63	2488066.88	UXB, 1993	853	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612679.31	2488090.00	UXB, 1993	854	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612578.37	2488113.50	UXB, 1993	855	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612502.45	2488138.57	UXB, 1993	856	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612475.77	2488250.10	UXB, 1993	857	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612766.74	2488180.02	UXB, 1993	858	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612894.78	2488175.70	UXB, 1993	859	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612824.66	2488241.28	UXB, 1993	860	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612654.20	2488316.65	UXB, 1993	861	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612782.51	2488295.30	UXB, 1993	862	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612951.86	2488277.64	UXB, 1993	863	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612757.09	2488356.69	UXB, 1993	864	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612903.59	2488330.92	UXB, 1993	865	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613042.56	2488325.66	UXB, 1993	866	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613109.32	2488314.86	UXB, 1993	867	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612842.49	2488395.95	UXB, 1993	868	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612935.32	2488449.27	UXB, 1993	869	Current and Closed OB/OD Areas

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Military Munitions Summary Table
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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	BIP	Yes		1	0 - 6"	Yes	1613050.54	2488434.92	UXB, 1993	870	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613170.21	2488405.61	UXB, 1993	871	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613098.26	2488469.69	UXB, 1993	872	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613000.93	2488540.23	UXB, 1993	873	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612864.10	2488539.90	UXB, 1993	874	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612711.88	2488545.05	UXB, 1993	875	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612504.44	2488588.97	UXB, 1993	876	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613327.53	2491601.32	UXB, 1993	877	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613331.98	2491533.99	UXB, 1993	878	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613328.91	2490966.07	UXB, 1993	879	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613509.78	2490694.89	UXB, 1993	880	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613608.23	2490806.57	UXB, 1993	881	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613807.47	2490891.03	UXB, 1993	882	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613947.68	2489549.76	UXB, 1993	883	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613932.12	2489830.23	UXB, 1993	884	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613930.22	2490028.26	UXB, 1993	885	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613969.70	2489998.49	UXB, 1993	886	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613968.03	2490083.50	UXB, 1993	887	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613979.75	2490155.57	UXB, 1993	888	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613933.06	2490233.04	UXB, 1993	889	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613989.11	2490606.25	UXB, 1993	890	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614048.63	2490226.73	UXB, 1993	891	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614020.72	2489863.44	UXB, 1993	892	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614011.59	2489729.14	UXB, 1993	893	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614084.66	2489419.85	UXB, 1993	894	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614101.91	2489912.51	UXB, 1993	895	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614134.03	2490227.95	UXB, 1993	896	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614131.41	2490483.76	UXB, 1993	897	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614158.13	2490845.69	UXB, 1993	898	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614283.54	2492159.26	UXB, 1993	899	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614264.27	2491110.43	UXB, 1993	900	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614220.11	2490127.86	UXB, 1993	901	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614218.66	2489908.21	UXB, 1993	902	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614173.53	2489861.68	UXB, 1993	903	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614217.15	2489407.93	UXB, 1993	904	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614369.70	2490238.31	UXB, 1993	905	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614391.85	2490485.67	UXB, 1993	906	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614407.30	2490691.11	UXB, 1993	907	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614409.17	2490829.57	UXB, 1993	908	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614422.94	2490977.75	UXB, 1993	909	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614427.99	2491149.51	UXB, 1993	910	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614434.18	2491327.18	UXB, 1993	911	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614530.43	2491517.35	UXB, 1993	912	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614480.25	2490773.52	UXB, 1993	913	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614448.85	2490210.61	UXB, 1993	914	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614428.11	2490137.42	UXB, 1993	915	Current and Closed OB/OD Areas

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Military Munitions Summary Table
Fort Wingate Depot Activity
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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	BIP	Yes		1	0 - 6"	Yes	1614417.37	2489940.03	UXB, 1993	916	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614413.31	2489832.63	UXB, 1993	917	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614424.54	2489752.67	UXB, 1993	918	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614435.05	2489348.51	UXB, 1993	919	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614513.80	2489686.52	UXB, 1993	920	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614526.12	2489854.76	UXB, 1993	921	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614517.83	2489986.85	UXB, 1993	922	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614528.70	2490127.09	UXB, 1993	923	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614546.90	2490496.37	UXB, 1993	924	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614570.85	2490696.40	UXB, 1993	925	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614601.23	2491293.03	UXB, 1993	926	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614668.95	2491122.48	UXB, 1993	927	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614645.85	2490616.52	UXB, 1993	928	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614579.78	2489701.66	UXB, 1993	929	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614706.63	2489325.02	UXB, 1993	930	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614651.17	2489334.46	UXB, 1993	931	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614633.52	2489398.50	UXB, 1993	932	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614674.91	2489407.81	UXB, 1993	933	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614689.71	2489808.74	UXB, 1993	934	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614690.13	2489918.55	UXB, 1993	935	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614740.93	2490708.53	UXB, 1993	936	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614776.64	2491502.93	UXB, 1993	937	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614832.23	2491148.55	UXB, 1993	938	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614798.47	2490581.62	UXB, 1993	939	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614766.78	2490088.86	UXB, 1993	940	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614761.90	2489998.95	UXB, 1993	941	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614762.63	2489893.11	UXB, 1993	942	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614750.25	2489777.48	UXB, 1993	943	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614745.30	2489693.42	UXB, 1993	944	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614908.56	2491631.30	UXB, 1993	945	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614896.83	2491368.89	UXB, 1993	946	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614869.08	2490897.12	UXB, 1993	947	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614860.98	2490633.60	UXB, 1993	948	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614852.73	2490381.12	UXB, 1993	949	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614830.46	2490095.43	UXB, 1993	950	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614826.52	2489978.94	UXB, 1993	951	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614814.24	2489711.96	UXB, 1993	952	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614808.37	2489605.12	UXB, 1993	953	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614876.66	2489914.00	UXB, 1993	954	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614870.20	2489758.41	UXB, 1993	955	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614861.53	2489634.53	UXB, 1993	956	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614866.31	2489064.42	UXB, 1993	957	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614956.13	2489765.50	UXB, 1993	958	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614982.59	2489718.16	UXB, 1993	959	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614941.14	2489665.97	UXB, 1993	960	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614973.96	2489639.10	UXB, 1993	961	Current and Closed OB/OD Areas

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	BIP	Yes		1	0 - 6"	Yes	1614943.09	2489606.96	UXB, 1993	962	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614976.33	2489594.40	UXB, 1993	963	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614959.53	2489542.86	UXB, 1993	964	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614936.64	2489498.14	UXB, 1993	965	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614923.43	2489448.08	UXB, 1993	966	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614956.45	2489405.63	UXB, 1993	967	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615099.41	2490280.98	UXB, 1993	968	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615095.87	2490180.10	UXB, 1993	969	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615096.74	2490111.29	UXB, 1993	970	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615090.73	2490015.48	UXB, 1993	971	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615085.43	2489910.62	UXB, 1993	972	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615088.44	2489814.63	UXB, 1993	973	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615180.31	2489923.37	UXB, 1993	974	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615174.15	2490078.31	UXB, 1993	975	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615181.45	2490215.11	UXB, 1993	976	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615188.04	2490312.24	UXB, 1993	977	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615179.23	2490439.11	UXB, 1993	978	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615203.55	2490991.25	UXB, 1993	979	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615270.02	2490346.41	UXB, 1993	980	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615272.05	2490232.83	UXB, 1993	981	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615263.13	2490129.73	UXB, 1993	982	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615358.37	2490352.32	UXB, 1993	983	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615333.96	2489854.74	UXB, 1993	984	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615424.90	2490084.91	UXB, 1993	985	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615435.39	2490206.94	UXB, 1993	986	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615489.53	2490254.59	UXB, 1993	987	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615487.53	2489984.24	UXB, 1993	988	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615307.00	2489559.71	UXB, 1993	989	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615015.57	2489391.83	UXB, 1993	990	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614933.55	2489075.08	UXB, 1993	991	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615171.25	2488971.86	UXB, 1993	992	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615086.03	2489003.79	UXB, 1993	993	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615013.15	2489011.03	UXB, 1993	994	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615033.69	2488908.81	UXB, 1993	995	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615122.82	2488900.47	UXB, 1993	996	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615209.64	2488884.87	UXB, 1993	997	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615288.39	2488888.99	UXB, 1993	998	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615454.60	2488921.71	UXB, 1993	999	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615446.18	2489112.25	UXB, 1993	1000	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615450.80	2489175.51	UXB, 1993	1001	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615492.05	2489816.23	UXB, 1993	1002	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615520.02	2490508.23	UXB, 1993	1003	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615525.24	2490906.07	UXB, 1993	1004	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615507.36	2491035.70	UXB, 1993	1005	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615531.68	2491110.38	UXB, 1993	1006	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615608.94	2490612.27	UXB, 1993	1007	Current and Closed OB/OD Areas

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	BIP	Yes		1	0 - 6"	Yes	1615572.61	2489962.70	UXB, 1993	1008	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615577.83	2489882.43	UXB, 1993	1009	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615570.44	2489800.84	UXB, 1993	1010	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615556.34	2488867.26	UXB, 1993	1011	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615562.39	2488959.82	UXB, 1993	1012	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615555.91	2489044.58	UXB, 1993	1013	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615544.13	2489119.97	UXB, 1993	1014	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615622.79	2489226.72	UXB, 1993	1015	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615651.76	2489171.06	UXB, 1993	1016	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615647.15	2489107.16	UXB, 1993	1017	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615643.48	2489016.67	UXB, 1993	1018	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615646.30	2488936.27	UXB, 1993	1019	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615715.30	2488950.27	UXB, 1993	1020	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615723.78	2489136.50	UXB, 1993	1021	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615754.79	2489730.57	UXB, 1993	1022	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615826.49	2491296.63	UXB, 1993	1023	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615802.33	2491352.53	UXB, 1993	1024	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615852.23	2491354.49	UXB, 1993	1025	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615802.41	2491393.47	UXB, 1993	1026	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615863.50	2490029.87	UXB, 1993	1027	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615867.96	2489819.63	UXB, 1993	1028	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615832.89	2489022.67	UXB, 1993	1029	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615987.86	2490758.74	UXB, 1993	1030	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615991.61	2491272.78	UXB, 1993	1031	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616001.08	2491380.46	UXB, 1993	1032	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616011.14	2491584.31	UXB, 1993	1033	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616080.20	2491498.27	UXB, 1993	1034	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616072.37	2490973.63	UXB, 1993	1035	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616051.05	2490326.80	UXB, 1993	1036	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616020.66	2489730.81	UXB, 1993	1037	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616026.36	2489612.88	UXB, 1993	1038	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616039.27	2489590.82	UXB, 1993	1039	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615914.49	2489229.61	UXB, 1993	1040	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615940.95	2489182.92	UXB, 1993	1041	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616093.68	2488996.02	UXB, 1993	1042	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616097.07	2489156.65	UXB, 1993	1043	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616100.26	2489238.02	UXB, 1993	1044	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616119.24	2489641.12	UXB, 1993	1045	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616129.08	2490148.98	UXB, 1993	1046	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616130.04	2490215.94	UXB, 1993	1047	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616168.06	2491209.24	UXB, 1993	1048	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616166.58	2491374.16	UXB, 1993	1049	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616254.05	2491163.06	UXB, 1993	1050	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616245.38	2490992.41	UXB, 1993	1051	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616230.15	2490720.73	UXB, 1993	1052	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616303.95	2489971.68	UXB, 1993	1053	Current and Closed OB/OD Areas

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	BIP	Yes		1	0 - 6"	Yes	1616295.73	2489860.17	UXB, 1993	1054	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616292.01	2489773.57	UXB, 1993	1055	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616289.71	2489670.16	UXB, 1993	1056	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616271.30	2489220.97	UXB, 1993	1057	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616264.70	2489124.48	UXB, 1993	1058	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616270.26	2489017.59	UXB, 1993	1059	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616435.76	2489106.78	UXB, 1993	1060	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616438.71	2489206.33	UXB, 1993	1061	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616442.65	2489323.47	UXB, 1993	1062	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616436.93	2489538.84	UXB, 1993	1063	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616447.34	2489667.36	UXB, 1993	1064	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616450.72	2489781.21	UXB, 1993	1065	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616458.00	2489871.89	UXB, 1993	1066	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616450.29	2489958.54	UXB, 1993	1067	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616467.11	2490055.56	UXB, 1993	1068	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616463.77	2490130.09	UXB, 1993	1069	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616462.78	2490208.64	UXB, 1993	1070	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616607.41	2491620.01	UXB, 1993	1071	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616555.05	2489616.47	UXB, 1993	1072	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616551.16	2489496.08	UXB, 1993	1073	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616541.49	2489355.91	UXB, 1993	1074	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616540.01	2489187.59	UXB, 1993	1075	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616528.74	2489079.16	UXB, 1993	1076	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616527.00	2488978.38	UXB, 1993	1077	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616588.98	2488929.00	UXB, 1993	1078	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616600.72	2488999.77	UXB, 1993	1079	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616623.93	2489115.32	UXB, 1993	1080	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616616.52	2489273.43	UXB, 1993	1081	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616640.20	2489399.40	UXB, 1993	1082	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616619.40	2489617.88	UXB, 1993	1083	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616631.77	2489781.58	UXB, 1993	1084	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616634.51	2489898.65	UXB, 1993	1085	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616663.72	2490015.16	UXB, 1993	1086	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616632.24	2490173.97	UXB, 1993	1087	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616652.66	2490271.83	UXB, 1993	1088	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616656.58	2490438.33	UXB, 1993	1089	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616640.25	2490493.35	UXB, 1993	1090	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616672.58	2490791.91	UXB, 1993	1091	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616695.17	2491481.68	UXB, 1993	1092	Current and Closed OB/OD Areas
2	BIP	Yes		1	0 - 6"	Yes	1616767.76	2491878.49	UXB, 1993	1093	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616724.89	2490602.36	UXB, 1993	1094	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616747.91	2490541.85	UXB, 1993	1095	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616717.01	2490512.30	UXB, 1993	1096	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616756.94	2490446.18	UXB, 1993	1097	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616712.65	2490428.27	UXB, 1993	1098	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616710.12	2489770.08	UXB, 1993	1099	Current and Closed OB/OD Areas

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	BIP	Yes		1	0 - 6"	Yes	1616715.31	2489644.33	UXB, 1993	1100	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616691.36	2489492.37	UXB, 1993	1101	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616723.22	2489445.96	UXB, 1993	1102	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616801.36	2490262.06	UXB, 1993	1103	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616831.57	2490203.87	UXB, 1993	1104	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616776.45	2490186.70	UXB, 1993	1105	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616802.46	2490127.64	UXB, 1993	1106	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616909.27	2491294.08	UXB, 1993	1107	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617060.27	2491435.79	UXB, 1993	1108	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617009.87	2489992.97	UXB, 1993	1109	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617078.67	2489211.18	UXB, 1993	1110	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617075.67	2489353.94	UXB, 1993	1111	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617098.67	2490059.32	UXB, 1993	1112	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617088.87	2490168.59	UXB, 1993	1113	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617286.12	2490888.28	UXB, 1993	1114	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617254.69	2490327.32	UXB, 1993	1115	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617248.83	2489742.36	UXB, 1993	1116	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617239.87	2489546.36	UXB, 1993	1117	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617246.81	2489282.33	UXB, 1993	1118	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617328.96	2489493.84	UXB, 1993	1119	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617334.74	2489894.31	UXB, 1993	1120	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617349.37	2490212.73	UXB, 1993	1121	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617343.10	2490471.60	UXB, 1993	1122	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617426.80	2490513.00	UXB, 1993	1123	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617396.13	2489270.64	UXB, 1993	1124	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617396.99	2489011.49	UXB, 1993	1125	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617479.00	2489282.11	UXB, 1993	1126	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617613.60	2489197.55	UXB, 1993	1127	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617705.41	2489167.92	UXB, 1993	1128	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617770.55	2489106.36	UXB, 1993	1129	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617777.88	2489240.56	UXB, 1993	1130	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617784.34	2489396.16	UXB, 1993	1131	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1618032.29	2489195.39	UXB, 1993	1132	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1618663.63	2489598.00	UXB, 1993	1133	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612713.24	2491420.47	UXB, 1993	1134	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612708.68	2490732.29	UXB, 1993	1135	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612697.47	2490667.39	UXB, 1993	1136	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612610.08	2490584.87	UXB, 1993	1137	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612622.17	2490532.23	UXB, 1993	1138	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612648.44	2490404.98	UXB, 1993	1139	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612492.30	2490337.06	UXB, 1993	1140	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612535.33	2490263.95	UXB, 1993	1141	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612396.62	2490101.45	UXB, 1993	1142	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612063.88	2491254.67	UXB, 1993	1143	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612194.43	2490489.10	UXB, 1993	1144	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612123.67	2490519.18	UXB, 1993	1145	Current and Closed OB/OD Areas

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	BIP	Yes		1	0 - 6"	Yes	1611856.74	2490746.89	UXB, 1993	1146	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611793.11	2490831.27	UXB, 1993	1147	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611702.25	2489449.34	UXB, 1993	1148	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611783.99	2489406.84	UXB, 1993	1149	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611916.78	2489466.40	UXB, 1993	1150	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611896.53	2489354.90	UXB, 1993	1151	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611796.49	2489322.39	UXB, 1993	1152	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611674.95	2489324.49	UXB, 1993	1153	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611660.28	2489247.72	UXB, 1993	1154	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611708.52	2489238.54	UXB, 1993	1155	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611796.01	2489217.13	UXB, 1993	1156	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611898.55	2489099.06	UXB, 1993	1157	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611662.88	2489136.77	UXB, 1993	1158	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611626.01	2489103.01	UXB, 1993	1159	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611638.32	2488985.43	UXB, 1993	1160	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611585.20	2488904.70	UXB, 1993	1161	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611596.24	2488792.24	UXB, 1993	1162	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611490.89	2488990.07	UXB, 1993	1163	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611371.68	2489046.20	UXB, 1993	1164	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611368.87	2488934.97	UXB, 1993	1165	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611097.18	2489491.79	UXB, 1993	1166	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611368.72	2489949.66	UXB, 1993	1167	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611427.04	2490046.90	UXB, 1993	1168	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611447.92	2490156.48	UXB, 1993	1169	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611462.96	2490395.02	UXB, 1993	1170	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611540.09	2490384.11	UXB, 1993	1171	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611602.62	2490386.72	UXB, 1993	1172	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611620.99	2490312.98	UXB, 1993	1173	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611589.43	2490191.80	UXB, 1993	1174	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611564.53	2490067.72	UXB, 1993	1175	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611615.84	2490101.59	UXB, 1993	1176	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611583.33	2489960.22	UXB, 1993	1177	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611671.31	2490138.26	UXB, 1993	1178	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611653.39	2490033.39	UXB, 1993	1179	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611617.81	2489848.99	UXB, 1993	1180	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611725.99	2489952.73	UXB, 1993	1181	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611754.67	2490110.79	UXB, 1993	1182	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611802.25	2490297.11	UXB, 1993	1183	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612046.12	2490038.32	UXB, 1993	1184	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612055.78	2489319.70	UXB, 1993	1185	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612070.68	2489664.77	UXB, 1993	1186	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612128.26	2489773.02	UXB, 1993	1187	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612132.49	2489294.47	UXB, 1993	1188	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612325.57	2489342.89	UXB, 1993	1189	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612244.70	2489221.08	UXB, 1993	1190	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612204.13	2489003.29	UXB, 1993	1191	Current and Closed OB/OD Areas

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	BIP	Yes		1	0 - 6"	Yes	1612383.09	2489122.43	UXB, 1993	1192	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612360.19	2488982.21	UXB, 1993	1193	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612333.74	2488837.27	UXB, 1993	1194	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612362.67	2488785.51	UXB, 1993	1195	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611834.90	2488660.49	UXB, 1993	1196	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612148.09	2488628.79	UXB, 1993	1197	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611843.14	2488531.65	UXB, 1993	1198	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612093.78	2488499.92	UXB, 1993	1199	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612065.71	2488435.44	UXB, 1993	1200	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611712.14	2488473.49	UXB, 1993	1201	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611992.71	2488405.00	UXB, 1993	1202	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612352.07	2488385.44	UXB, 1993	1203	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612513.63	2489168.87	UXB, 1993	1204	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612880.16	2489296.51	UXB, 1993	1205	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612671.07	2489229.72	UXB, 1993	1206	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612667.88	2489148.35	UXB, 1993	1207	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612662.01	2488993.43	UXB, 1993	1208	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1612618.48	2488676.75	UXB, 1993	1209	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1611480.34	2487487.61	UXB, 1993	1210	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614339.36	2488874.49	UXB, 1993	1211	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614505.22	2488792.20	UXB, 1993	1212	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614447.42	2488748.26	UXB, 1993	1213	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614426.40	2488697.79	UXB, 1993	1214	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1613961.69	2488628.69	UXB, 1993	1215	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614792.06	2488416.77	UXB, 1993	1216	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614874.36	2488186.56	UXB, 1993	1217	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614793.30	2488127.76	UXB, 1993	1218	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614788.76	2488058.01	UXB, 1993	1219	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614721.97	2488012.30	UXB, 1993	1220	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614668.71	2488038.10	UXB, 1993	1221	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614676.96	2487956.03	UXB, 1993	1222	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1614864.15	2487946.97	UXB, 1993	1223	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615346.76	2488648.43	UXB, 1993	1224	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615343.96	2488535.90	UXB, 1993	1225	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615324.11	2488392.60	UXB, 1993	1226	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615288.86	2488326.45	UXB, 1993	1227	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615225.79	2488318.60	UXB, 1993	1228	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615248.31	2488202.20	UXB, 1993	1229	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615184.21	2488229.38	UXB, 1993	1230	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615145.05	2488281.90	UXB, 1993	1231	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615487.43	2488273.16	UXB, 1993	1232	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615467.38	2488193.51	UXB, 1993	1233	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615423.85	2488115.23	UXB, 1993	1234	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615370.79	2488078.03	UXB, 1993	1235	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615432.22	2487976.65	UXB, 1993	1236	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615674.67	2488069.22	UXB, 1993	1237	Current and Closed OB/OD Areas

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	BIP	Yes		1	0 - 6"	Yes	1615670.52	2487968.96	UXB, 1993	1238	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615614.41	2488077.11	UXB, 1993	1239	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615627.08	2488170.02	UXB, 1993	1240	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615610.72	2488226.98	UXB, 1993	1241	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615653.83	2488338.37	UXB, 1993	1242	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615586.55	2488379.03	UXB, 1993	1243	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615522.36	2488412.70	UXB, 1993	1244	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615554.02	2488478.02	UXB, 1993	1245	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615561.03	2488590.12	UXB, 1993	1246	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615579.97	2488662.56	UXB, 1993	1247	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615654.92	2488681.42	UXB, 1993	1248	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615735.31	2488698.61	UXB, 1993	1249	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615780.96	2488656.17	UXB, 1993	1250	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615798.66	2488540.17	UXB, 1993	1251	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615812.01	2488483.70	UXB, 1993	1252	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615813.51	2488412.32	UXB, 1993	1253	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615662.86	2488528.53	UXB, 1993	1254	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615695.18	2488446.41	UXB, 1993	1255	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615718.72	2488344.36	UXB, 1993	1256	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615733.20	2488293.14	UXB, 1993	1257	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615755.74	2488222.86	UXB, 1993	1258	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615803.30	2488172.08	UXB, 1993	1259	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615821.65	2488052.86	UXB, 1993	1260	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615888.08	2488700.10	UXB, 1993	1261	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616060.55	2488713.65	UXB, 1993	1262	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616032.06	2488635.51	UXB, 1993	1263	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616076.92	2488559.90	UXB, 1993	1264	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616085.18	2488477.18	UXB, 1993	1265	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615945.99	2488448.47	UXB, 1993	1266	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615998.05	2488374.54	UXB, 1993	1267	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616062.15	2488348.01	UXB, 1993	1268	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616080.85	2488247.64	UXB, 1993	1269	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616127.31	2488189.01	UXB, 1993	1270	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616082.09	2488149.62	UXB, 1993	1271	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616895.04	2488270.04	UXB, 1993	1272	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616926.93	2488412.67	UXB, 1993	1273	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617029.54	2488336.83	UXB, 1993	1274	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617133.40	2488496.22	UXB, 1993	1275	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617056.26	2488603.27	UXB, 1993	1276	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617308.38	2488644.37	UXB, 1993	1277	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617298.23	2488542.51	UXB, 1993	1278	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617420.70	2488323.49	UXB, 1993	1279	Current and Closed OB/OD Areas

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	BIP	Yes		1	0 - 6"	Yes	1617805.76	2488507.96	UXB, 1993	1280	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1615976.73	2487918.05	UXB, 1993	1281	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616107.82	2487921.65	UXB, 1993	1282	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616535.35	2487933.59	UXB, 1993	1283	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616660.41	2487938.17	UXB, 1993	1284	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616625.09	2487877.21	UXB, 1993	1285	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1616815.60	2487891.06	UXB, 1993	1286	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617169.25	2487942.67	UXB, 1993	1287	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617716.06	2488274.61	UXB, 1993	1288	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617779.30	2488172.67	UXB, 1993	1289	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617925.17	2488196.53	UXB, 1993	1290	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617745.80	2488015.02	UXB, 1993	1291	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617334.50	2487764.86	UXB, 1993	1292	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617299.28	2487743.54	UXB, 1993	1293	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617494.46	2487673.18	UXB, 1993	1294	Current and Closed OB/OD Areas
3	BIP	Yes		1	0 - 6"	Yes	1617359.89	2487516.09	UXB, 1993	1295	Current and Closed OB/OD Areas
3	BIP	Yes		262	0 - 6"	No			UXB, 1993		Current and Closed OB/OD Areas
20	MEC	Yes	37mm Projectile	2	0 - 6"	No			UXB, 1993		Functional Test Range 1
20	MEC	Yes	75mm Projectile	20	0 - 6"	No			UXB, 1993		Functional Test Range 1
20	MEC	Yes	Bomb Fuze	40	0 - 6"	No			UXB, 1993		Functional Test Range 1
20	MEC	Yes	Burster Cup	8	0 - 6"	No			UXB, 1993		Functional Test Range 1
20	MEC	Yes	Base Fuze	41	0 - 6"	No			UXB, 1993		Functional Test Range 1
20	MEC	Yes	3" APHE	2	0 - 6"	No			UXB, 1993		Functional Test Range 1
20	MEC	Yes	Fuze Detonator Lead	3	0 - 6"	No			UXB, 1993		Functional Test Range 1
20	MEC	Yes	Flare Candle	1	0 - 6"	No			UXB, 1993		Functional Test Range 1
20	MEC	Yes	Unknown Items	7	0 - 6"	No			UXB, 1993		Functional Test Range 1
11	MEC	Yes	40mm Projectile	2	0 - 6"	No			UXB, 1993		Document Incinerator
11	MEC	Yes	20mm Projectile	7928	0 - 6"	No			UXB, 1993		Document Incinerator
3	MEC	Yes	20mm Projectile	51	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	37-40mm Projectile	2495	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	57mm Projectile	36	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	60mm Mortar	214	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	75-76mm Projectile	166	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	81mm Mortar	40	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	90mm Projectile	105	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	105mm Projectile	99	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	3.5" Rocket Parts	77	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	M83 Butterfly Bomblets	152	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	Fuzes - Artillery and Bomb	4282	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	20LB. Frag Bomb	140	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	Bulk High Explosive - 49LBS	0	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	BLU-3 and BLU-4 Bomblets	208	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	5" Rocket Warheads	10	0 - 6"	No			UXB, 1993		Current OB/OD Area

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	MEC	Yes	120mm Projectile	1	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	Smoke Canister	2	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	2.75" Rocket Warhead	7	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	155mm Projectile	1	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	3" Projectile	1	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	M2 Bounding Mine	29	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	20mm Projectile	6	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	37-40mm Projectile	854	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	57mm Projectile	9	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	60mm Mortar	24	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	75-76mm Projectile	29	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	81mm Mortar	1	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	90mm Projectile	8	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	105mm Projectile	47	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	3.5" Rocket Parts	7	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	M83 Butterfly Bomblets	83	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	Fuzes - Artillery and Bomb	934	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	20LB. Frag Bomb	30	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	Bulk High Explosive - 12LBS	0	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	BLU-3 and BLU-4 Bomblets	10	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	5" Rocket Warheads	4	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	3" Projectile	1	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	M2 Bounding Mine	59	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	155mm Projectile	1	0 - 6"	No			UXB, 1993		Current OB/OD Area
21	MEC	Yes	20mm Projectile	36	0 - 6"	No			UXB, 1993		Deactivation Furnace
21	MEC	Yes	37-40mm Projectile	10	0 - 6"	No			UXB, 1993		Deactivation Furnace
21	MEC	Yes	57mm Projectile	1	0 - 6"	No			UXB, 1993		Deactivation Furnace
2 & 4A	MEC	Yes	3.5" Rocket Motor	1	Surface	No			UXB, 1993		Group C Disposal Area
3	MEC	Yes	20mm Projectile	1	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	37-40mm Projectile	135	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	57mm Projectile	3	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	60mm Mortar	1	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	75-76mm Projectile	18	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	81mm Mortar	4	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	90mm Projectile	11	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	105mm Projectile	2	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	3.5" Rocket Parts	3	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	M83 Butterfly Bomblets	8	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	Fuzes - Artillery and Bomb	131	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	20LB. Frag Bomb	8	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	Bulk High Explosive - 12LBS	0	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	BLU-3 and BLU-4 Bomblets	3	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	5" Rocket Warheads	1	0 - 6"	No			UXB, 1993		Closed OB/OD Area

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	MEC	Yes	M2 Bounding Mine	14	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	155mm Projectile	38	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	Burster Tube	2	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	Tracer	1	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	50 cal. API	4	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	20mm Projectile	2	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	37-40mm Projectile	1094	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	60mm Mortar	1	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	75-76mm Projectile	32	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	81mm Mortar	1	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	90mm Projectile	38	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	105mm Projectile	2	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	3.5" Rocket Parts	2	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	M83 Butterfly Bomblets	3	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	Fuzes - Artillery and Bomb	3539	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	20LB. Frag Bomb	15	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	Bulk High Explosive - 47LBS	0	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	155mm Projectile	9	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	M2 Bounding Mine	12	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	Burster Tube	67	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	2.75" Rocket Warhead	2	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	Fuze Extender	1	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	Booster Tube	3	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	M2 Bounding Mine Parts	217	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	81mm Tail Boom	1	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	40mm Red Phosphorus	2	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	37mm Shot Canisters	38	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	100LB General Purpose Bomb - Partial	2	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	Unknown Items	12	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	3" Rocket	1	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	Smoke Canister/Candle	779	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	102mm Mortar	252	0 - 6"	No			UXB, 1993		Closed OB/OD Area
3	MEC	Yes	Bulk High Explosive - 5LBS	0	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	BLU-4 Bomblet	1	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	Burster Tube	4	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	BLU-3 Bomblet	1	0 - 6"	No			UXB, 1993		Current OB/OD Area
21	MEC	Yes	20mm Projectile	1493	0 - 6"	No			UXB, 1993		Deactivation Furnace
21	MEC	Yes	37-40mm Projectile	526	0 - 6"	No			UXB, 1993		Deactivation Furnace
21	MEC	Yes	57mm Projectile	9	0 - 6"	No			UXB, 1993		Deactivation Furnace
21	MEC	Yes	75mm Projectile	32	0 - 6"	No			UXB, 1993		Deactivation Furnace
21	MEC	Yes	Fuzes - Artillery and Bomb	49	0 - 6"	No			UXB, 1993		Deactivation Furnace
21	MEC	Yes	20mm Shell Cases	19	0 - 6"	No			UXB, 1993		Deactivation Furnace
3	MEC	Yes	20mm Projectile	3	0 - 6"	No			UXB, 1993		Current OB/OD Area

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	MEC	Yes	37-40mm Projectile	4	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	75mm Projectile	2	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	90mm Shell Casing	1	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	Fuzes - Artillery and Bomb	14	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	20mm Projectile	1	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	BLU-3 Bomblet	1	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	BLU-4 Bomblet	1	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	M83 Butterfly Bomblets	1	0 - 6"	No			UXB, 1993		Current OB/OD Area
3	MEC	Yes	M49 Trip Flare	1	0 - 6"	No			UXB, 1993		Current OB/OD Area
OFF-SITE	MEC	No	Frag	1	Surface	Yes	1616520.54	2485912.53	SWF, 2005	1296	UXB Kickout Boundary Check
OFF-SITE	MEC	No	Frag	1	Surface	Yes	1616657.99	2485768.40	SWF, 2005	1297	UXB Kickout Boundary Check
OFF-SITE	MEC	No	Frag	1	Surface	Yes	1616790.19	2485723.45	SWF, 2005	1298	UXB Kickout Boundary Check
OFF-SITE	MEC	No	Scrap	1	Surface	Yes	1617007.92	2485767.77	SWF, 2005	1299	UXB Kickout Boundary Check
OFF-SITE	MEC	No	75mm Projectile Frag	1	Surface	Yes	1617423.66	2485749.21	SWF, 2005	1300	UXB Kickout Boundary Check
OFF-SITE	MEC	No	Frag	1	Surface	Yes	1617106.02	2485510.17	SWF, 2005	1301	UXB Kickout Boundary Check
OFF-SITE	MEC	No	Frag	1	Surface	Yes	1617547.86	2485606.96	SWF, 2005	1302	UXB Kickout Boundary Check
OFF-SITE	MEC	No	Fuze and Frag	1	Surface	Yes	1615462.48	2485590.43	SWF, 2005	1303	UXB Kickout Boundary Check
1	MEC	No	Scrap	1	Surface	Yes	1610009.27	2490449.56	SWF, 2005	1304	OBOD Kickout Boundary Check
1	MEC	No	75mm Projectile	1	Surface	Yes	1609778.36	2490647.38	SWF, 2005	1305	OBOD Kickout Boundary Check
1	MEC	No	Scrap	1	Surface	Yes	1609889.17	2491834.12	SWF, 2005	1306	OBOD Kickout Boundary Check
1	MEC	No	Scrap	1	Surface	Yes	1609923.77	2492063.81	SWF, 2005	1307	OBOD Kickout Boundary Check
1	MEC	No	Scrap	1	Surface	Yes	1609811.02	2492512.84	SWF, 2005	1308	OBOD Kickout Boundary Check
1	MEC	No	Scrap	1	Surface	Yes	1609882.42	2493159.99	SWF, 2005	1309	OBOD Kickout Boundary Check
1	MEC	No	Scrap	2	Surface	Yes	1609952.24	2492144.50	SWF, 2005	1310	OBOD Kickout Boundary Check
3	MEC	No	75mm Projectile	1	Surface	Yes	1610045.34	2491412.26	SWF, 2005	1311	OBOD Kickout Boundary Check
1	MEC	No	Scrap - 25 lb piece	1	Surface	Yes	1610002.96	2490786.22	SWF, 2005	1312	OBOD Kickout Boundary Check
3	MEC	No	Scrap	1	Surface	Yes	1612973.55	2494468.18	SWF, 2005	1313	OBOD Kickout Boundary Check
3	MEC	No	Scrap	1	Surface	Yes	1612926.64	2494414.18	SWF, 2005	1314	OBOD Kickout Boundary Check
3	MEC	No	Scrap	1	Surface	Yes	1612974.34	2494366.88	SWF, 2005	1315	OBOD Kickout Boundary Check
2	MEC	No	Scrap	1	Surface	Yes	1616911.48	2493146.37	SWF, 2005	1316	OBOD Kickout Boundary Check
2	MEC	No	Scrap	1	Surface	Yes	1618148.48	2492759.85	SWF, 2005	1317	OBOD Kickout Boundary Check
2	MEC	No	Scrap	1	Surface	Yes	1618163.04	2492762.94	SWF, 2005	1318	OBOD Kickout Boundary Check
2	MEC	No	Fuze	1	Surface	Yes	1629675.57	2490581.21	SWF, 2005	1319	OBOD Kickout Boundary Check
2	MEC	Yes	Fuze	1	Surface	Yes	1625706.78	2492571.87	SWF, 2005	1320	OBOD Kickout Boundary Check
3	MEC	No	37 to 40mm Projectile	1	Surface	Yes	1613994.13	2486012.29	SWF, 2005	1321	OBOD Kickout Boundary Check
3	MEC	No	Fuze	1	Surface	Yes	1614059.71	2486006.87	SWF, 2005	1322	OBOD Kickout Boundary Check
OFF-SITE	MEC	No	Frag	1	Surface	Yes	1614606.54	2485904.03	SWF, 2005	1323	OBOD Kickout Boundary Check
OFF-SITE	MEC	No	Frag	1	Surface	Yes	1614718.83	2485973.45	SWF, 2005	1324	OBOD Kickout Boundary Check
2	MEC	No	Fuze	1	Surface	Yes	1622962.79	2491561.58	SWF, 2005	1325	OBOD Kickout Boundary Check
3	MEC	No	Scrap	1	Surface	Yes	1617161.68	2486380.37	SWF, 2005	1326	OBOD Kickout Boundary Check
3	MEC	No	Frag	1	Surface	Yes	1622529.01	2487969.31	SWF, 2005	1327	OBOD Kickout Boundary Check
3	MEC	No	Fuze	1	Surface	Yes	1617976.82	2487775.03	SWF, 2005	1328	OBOD Kickout Boundary Check
3	MEC	No	Fuze	1	Surface	Yes	1617976.79	2487778.03	SWF, 2005	1329	OBOD Kickout Boundary Check

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Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
3	MEC	No	107mm Projectile	1	Surface	Yes	1617872.97	2487559.75	SWF, 2005	1330	OBOD Kickout Boundary Check
3	MEC	No	Burn Pans/Scrap	1	Surface	Yes	1617806.93	2487169.00	SWF, 2005	1331	OBOD Kickout Boundary Check
3	MEC	No	155mm Frag and Fuze	1	Surface	Yes	1617342.31	2486554.60	SWF, 2005	1332	OBOD Kickout Boundary Check
3	MEC	No	Ordnance	1	Surface	Yes	1617277.90	2486414.08	SWF, 2005	1333	OBOD Kickout Boundary Check
3	MEC	No	Ordnance	1	Surface	Yes	1617237.96	2486401.85	SWF, 2005	1334	OBOD Kickout Boundary Check
3	MEC	No	Ordnance	1	Surface	Yes	1617095.98	2486403.69	SWF, 2005	1335	OBOD Kickout Boundary Check
3	MEC	No	Canister	1	Surface	Yes	1617652.17	2487403.09	SWF, 2005	1336	OBOD Kickout Boundary Check
3	MEC	No	Scrap	1	Surface	Yes	1617828.52	2487654.70	SWF, 2005	1337	OBOD Kickout Boundary Check
3	MEC	No	Scrap	1	Surface	Yes	1617878.85	2487732.55	SWF, 2005	1338	OBOD Kickout Boundary Check
3	MEC	No	105mm Brass \ Burn Rubble	1	Surface	Yes	1617845.97	2487750.17	SWF, 2005	1339	OBOD Kickout Boundary Check
2	MEC	No	Frag	1	Surface	Yes	1623314.27	2487767.85	SWF, 2006	1340	Parcel 3 North Boundary Check
7	MEC	Yes	3.5" Rocket Body	285	Unknown	No			SWF, 2001		Western Landfill
7	MEC	Yes	3.5" Flash Tube	83	Unknown	No			SWF, 2001		Western Landfill
7	MEC	Yes	3.5" Rocket Nose Cone	493	Unknown	No			SWF, 2001		Western Landfill
7	MEC	Yes	105mm Projectile	1	Unknown	No			SWF, 2001		Western Landfill
7	MEC	Yes	3.5" Rocket Practice Warhead	42	Unknown	No			SWF, 2001		Western Landfill
7	MEC	Yes	3.5" Rocket Practice Warhead Nose Cone	22	Unknown	No			SWF, 2001		Western Landfill
7	MEC	Yes	155mm Projectile	35	Unknown	No			SWF, 2001		Western Landfill
7	MEC	Yes	155mm Projectile Halves	1	Unknown	No			SWF, 2001		Western Landfill
7	MEC	Yes	105mm Projectile Halves	2	Unknown	No			SWF, 2001		Western Landfill
7	MEC	Yes	105mm Cartridge Case	1	Unknown	No			SWF, 2001		Western Landfill
7	MEC	Yes	75mm Cartridge Case	1	Unknown	No			SWF, 2001		Western Landfill
7	MEC	Yes	M34 White Phosphorous Grenade Body	3	Unknown	No			SWF, 2001		Western Landfill
7	MEC	Yes	Rifle Grenade, Smoke	1	Unknown	No			SWF, 2001		Western Landfill
7	MEC	Yes	3.5" Shipping Containers - 83,098 lbs.	Unknown	Unknown	No			SWF, 2001		Western Landfill
7	MEC	Yes	7mm Cartridge Case	1	Unknown	No			SWF, 2001		Western Landfill
7	MEC	Yes	20mm Cartridge Case	3	Unknown	No			SWF, 2001		Western Landfill
7	MEC	Yes	5" Rocket Tail Fins	15,000	Unknown	Yes			SWF, 2001		Munitions Debris Area 1
23	MEC	Yes	5" Rocket Tail Fins - 73.61 Tons	Unknown	Unknown	Yes			SEI, 1999		Munitions Debris Area 2
7	MEC	Yes	76mm Projectile	1	Unknown	No			SWF, 2001		Western Landfill
7	MEC	Yes	105mm Igniter Tubes, Cartridge Case	3	Unknown	No			SWF, 2001		Western Landfill
2	MEC	Yes	M404A1 3.5" Rocket Fuze	5	Unknown	No			SCIE, 1999		Group C Landfill
2	MEC	Yes	20mm TPT	3	Unknown	No			SCIE, 1999		Group C Landfill
2	MEC	Yes	M90 PI Fuze for 57mm	1	Unknown	No			SCIE, 1999		Group C Landfill
2	MEC	Yes	M14 Delay Element	11	Unknown	No			SCIE, 1999		Group C Landfill
2	MEC	Yes	Cartridge Flash Tube	2	Unknown	No			SCIE, 1999		Group C Landfill
2	MEC	Yes	Cartridge Flash Tube and Primer	14	Unknown	No			SCIE, 1999		Group C Landfill
2	MEC	Yes	Cartridge Primers	2	Unknown	No			SCIE, 1999		Group C Landfill
2	MEC	Yes	Flash Tube	1	Unknown	No			SCIE, 1999		Group C Landfill
23	MEC	Yes	1.5 ft. Det Cord	1	Unknown	No			SCIE, 1999		Central Landfill
23	MEC	Yes	Rifle Grenade, Smoke	1	Unknown	No			SCIE, 1999		Central Landfill
23	MEC	Yes	12 Ga Shotgun Shell	3	Unknown	No			SCIE, 1999		Central Landfill
23	MEC	Yes	30 Cal Blank	5	Unknown	No			SCIE, 1999		Central Landfill
23	MEC	Yes	2 ft. Det Cord	1	Unknown	No			SCIE, 1999		Central Landfill
23	MEC	Yes	6 ft. Det Cord	1	Unknown	No			SCIE, 1999		Central Landfill
23	MEC	Yes	Cartridge Flash Tube	1	Unknown	No			SCIE, 1999		Central Landfill

Table 5
Military Munitions Summary Table
Fort Wingate Depot Activity
Gallup, New Mexico

Parcel No.	MEC or BIP	Removed	Item Description	Quantity	Depth (ft. BGS)	Mapped	Northing	Easting	Source	ID No.	Area Description
23	MEC	Yes	M103 8" Projectile	1	Unknown	No			SCIE, 1999		Central Landfill
23	MEC	Yes	Base of Fuze w/ Dets Installed	1	Unknown	No			SCIE, 1999		Central Landfill
23	MEC	Yes	30 Cal Cartridge w/ Primer	1	Unknown	No			SCIE, 1999		Central Landfill
23	MEC	Yes	0.5' Time Fuse	1	Unknown	No			SCIE, 1999		Central Landfill
23	MEC	Yes	20mm TPT	1	Unknown	No			SCIE, 1999		Central Landfill
2	MEC	No	Recovered Items from SCIE, 1999 Effort	Unknown	Unknown	Yes			SCIE, 1999		Igloo C-1103
Sources:											
CMS-OE, 1998. Final Removal Report, OE Sampling and Removal Action, Fort Wingate, Contract DACA87-94-D-0030, DO 0004. CMS Environmental, December 1998.											
CMS-RDAS, 1998. Removal Report, RDAS West Access Road, Fort Wingate, Contract DACA87-94-D-0030, DO 0020. CMS Environmental, March 1998.											
EHSI, 1998. Electrical Contractor Trenching at Administration Area Field Notes. Environmental Hazard Specialists International, November 1998.											
EHSI, 1999. Final OE Location and Removal Report, Fort Wingate Depot Activity, Contract DACA87-97-D-0007, DO 3. Environmental Hazard Specialists International, September 2000.											
SCIE, 1999. Chemical Quality Control Summary Report for the Landfill Closure: Removal and Disposal of Group C and Central Landfills, Contract DACA63-98-C-0065, Scienteck, Inc., 1999.											
SEI, 1999. Final Report for Debris Removal in or Near Watercourses, Contract DACA63-99-P-0962, Safe Environment, Inc., 1999.											
SWF, 2001. Final Report, Removal and Disposal of Western Landfill, Contract DACA63-00-D-0011, U.S. Army Corps of Engineers, Fort Worth District, 2001.											
SWF, 2005. Fort Wingate Kickout Boundary Check Field Notes, U.S. Army Corps of Engineers, Fort Worth District, 2005.											
SWF, 2006. Fort Wingate Parcel 3 North Boundary Check Field Notes, U.S. Army Corps of Engineers, Fort Worth District, 2006.											
USA, 2001. Final Site Specific Final Report, OE Construction Support, Western Boundary Fence Line, Fort Wingate Depot Activity, Contract DACA87-00-D-0036, DO 0005. USA Environmental, January 2002.											
UXB, 1993. Unexploded Ordnance (UXO) Survey Report, Fort Wingate Depot Activity, Contract DAAA15-91-D-0011, DA 05. UXB International, December 1994 and Field Notes.											
UXB, 1995. Final Report for Ordnance and Explosive Waste UXO Surface Clearance and Sampling Project, Fort Wingate Depot Activity, Contract DACA87-93-D-0002, DO 0023. UXB International, July 1995.											

APPENDIX A
DOI CORRESPONDENCE



THE SECRETARY OF THE INTERIOR
WASHINGTON

JUN 3 1994

Honorable William J. Perry
Secretary of Defense
Washington, D.C. 20301

Dear Mr. Secretary:

Fort Wingate, a military facility in New Mexico, has been scheduled for closure under the Base Realignment and Closure (BRAC) Program. All land comprising Fort Wingate is withdrawn public domain which was transferred from the Secretary of the Interior to the Secretary of Defense and reserved for military purposes. Now that the military requirement for these lands has terminated, we look forward to the reversion of these lands to the jurisdiction of the Secretary of the Interior.

The Department of the Interior (DOI) is currently analyzing these lands for use in support of the DOI's programs. The 22,000-acre site lends itself to the programs of the DOI in a number of aspects: (1) the southern portion is suitable for natural resource management initiatives, (2) the Fenced Up Horse Canyon archeological site is significant to the Nation's cultural heritage, and there are other sacred Native American sites present, and (3) the remainder of the site could provide economic benefits to the Navajo Nation and the Zuni Pueblo.

In addition to these direct uses for programs of the Secretary of the Interior, we have engaged in a number of discussions with local communities regarding reinvestment of the assets for economic development purposes. Among those who have indicated an interest are the City of Gallup, McKinley County, the Navajo, and the Zuni.

I look forward to receiving a copy of the Environmental Installation Action Plan as soon as it is completed. This plan will permit the DOI to complete its analysis of the site for reuse in support of the DOI programs. The DOI would be willing to accept these lands only on condition that the costs of clean-up of hazardous materials, unexploded munitions, and the like are borne by the Department of Defense.

Thank you for your support in returning these lands to the DOI in a reusable condition.

Sincerely,



United States Department of the Interior

OFFICE OF THE SECRETARY
Washington, D.C. 20240

JUN 29 1995

Mr. Paul W. Johnson
Deputy Assistant Secretary
of the Army (Installations &
Housing)
OASA (I, L & E)
110 Army Pentagon
Washington, D.C. 20310-0110

Dear Mr. Johnson:

I am writing to confirm our understanding of the proposed transfer of land at Fort Wingate from the Department of the Army (Army) to the Department of the Interior (Interior), and to set forth Interior's requirements regarding environmental liability and cleanup at Fort Wingate, and transfer of management of the TPL, Inc. (TPL) facilities contract at Fort Wingate.

At a recent briefing for Interior Department personnel by the Army Base Realignment and Closure Office and the Army Environmental Center, it was explained that all Army "military operations" must cease at Fort Wingate by September 30, 1995. This precludes the Army from continuing the TPL facilities contract to its termination date in 1998. If the September 30, 1995 deadline is not met, the Army would have to cancel its demilitarization contract with TPL. As a way to resolve its predicament, the Army has proposed that Interior assume management of the TPL facilities contract.

The Army has informed Interior that the lands subject to the TPL facilities contract are contaminated. Although Interior is willing to assume management of the TPL facilities contract by September 30, 1995, Interior will not assume liability or cleanup responsibility for any of the TPL facility areas within Fort Wingate, nor will Interior assume any liability for the acts or omissions of the military or its contractors. Interior will assume management of the TPL facilities contract only if the Army agrees that it will be responsible and liable for any and all claims relating to the Army's or TPL's demilitarization operations and for the cost of cleaning up all contamination occurring before or after September 30, 1995. Further, if TPL defaults on any of its obligations to the government in connection with TPL's operations at Fort Wingate, the Army must reimburse Interior for any and all costs or losses incurred by Interior. The facilities contract must be amended to take into account Interior's substitution for the Army under the TPL facilities contract.

At the recent briefing, the Army also informed us that for the Army to preserve its demilitarization contract with TPL, the land encumbered by the TPL facilities contract must be transferred to Interior by September 30, 1995. This could only be accomplished if Interior accepts all lands the Army now seeks to relinquish at Fort Wingate.

The Interior Department is prepared to accept administrative jurisdiction of all the Fort Wingate lands that are described in the notice of intent to relinquish dated June 28, 1995, submitted to the Bureau of Land Management, Albuquerque District Office, by the Albuquerque District, U.S. Army Corps of Engineers, provided the Army cooperates fully with Interior in complying with all laws and regulations applicable to the return of the lands. The transfer as to any portion of the Fort Wingate lands will not occur, however, unless and until Interior issues a public land order having that effect. The Bureau of Land Management's acceptance of a relinquishment notice, in and of itself, does not have the effect of transferring jurisdiction of the lands to Interior. Except as discussed above for the TPL facilities, Interior will not accept a transfer of jurisdiction as to any parcel of the Fort Wingate lands until the Army completes its environmental remediation program for that parcel.

In order to implement the foregoing, we propose that a memorandum of agreement be developed between the Army and Interior which defines the roles, relationships and responsibilities of the parties. This agreement must be in effect prior to the transfer of any lands at Fort Wingate. Interior is ready to begin drafting an agreement for your consideration.

Once Interior has taken the necessary legal steps, the lands will be managed by the Bureau of Indian Affairs to meet its mission in serving the two local tribes, the Navajo Nation and the Pueblo of Zuni.

We recommend that the Army Environmental Center and TPL provide briefings of their activities at Fort Wingate to the local offices of the Bureau of Indian Affairs, Bureau of Land Management and other interested parties at the earliest possible date.

We appreciate the close working relationship we have had with your staff. We look forward to your prompt written assent and approval to the foregoing so that we can begin working toward a smooth transition.

Regards,



Bonnie Cohen
Assistant Secretary
Policy, Management and Budget



United States Department of the Interior

OFFICE OF THE SECRETARY

Washington, D.C. 20240

Office of the Assistant Secretary of the Army
(Installations, Logistics and Environment)
ATTN: Honorable Paul W. Johnson
110 Army Pentagon
Washington, D.C. 20316-0110

JAN 6 1998

Dear Mr. Johnson:

We greatly appreciated the opportunity to meet with Army representatives in Albuquerque on October 22, 1997, concerning the Fort Wingate base closure. This was a productive meeting and we look forward to continued cooperation among the interested parties.

An issue raised at the October meeting was the confusion about how the various parties relate to each other for the closure action and the continued use of a portion of Fort Wingate by the Ballistic Missile Defense Organization (BMDO). We can appreciate your confusion as this is a much more complex situation than normal. We will attempt a clarification.

From the broad perspective, the land will be transferred from the jurisdiction of the Army Secretary with administration by Industrial Operations Command (IOC) to the jurisdiction of the Interior Secretary with administration by the Bureau of Indian Affairs (BIA). The transfer will be processed by the Bureau of Land Management (BLM) acting on behalf of the Secretary of the Interior and accomplished by a public land order signed by the Assistant Secretary of the Interior for Policy, Management and Budget.

The lands will be held by the BIA for the benefit of the Navajo Nation and Pueblo of Zuni indefinitely. Congressional action is required to transfer the lands into reservation status for the Navajo Nation and Pueblo of Zuni.

There is a partnership of organizations working on the receipt of the lands from the Army. The members of this partnership are:

- a. Pueblo of Zuni;
- b. Navajo Nation;
- c. BIA Albuquerque Area Office, which works with the Pueblo of Zuni;
- d. BIA Navajo Area Office in Gallup, which works with the Navajo Nation; and
- e. BLM Albuquerque District Office.

Although these are five partners, the assignment of lead organization and influence of each organization for a particular portion of the transfer action varies, so confusion is understandable.

A. Land Transfer:

The BLM is the lead for the land and facilities transfer from Army to the Department of the Interior (DOI). The BLM is the DOI agency responsible for processing all withdrawal actions on behalf of the Interior Secretary and will prepare the public land orders with appropriate legal descriptions, reservations, easements, and other pertinent information for the Assistant Secretary's signature. The BLM is also responsible for ensuring the lands are legally surveyed to describe the transfer, although transfers are not dependent on surveys.

B. Environmental Restoration:

The BLM was asked by former Assistant Secretary Bonnie Cohen to be the DOI lead for ensuring environmental restoration and unexploded ordnance (UXO) clearance are completed satisfactorily prior to transfer. This request is based on BLM's customary role with withdrawal actions and BLM's extensive experience processing land transfer/acquisition actions.

In reality, the environmental restoration/UXO clearance is being accomplished with the participation of all five partners. The BIA, as (interim) land manager, and the Navajo and Zuni, as projected final land owners, have the primary stake in the quality of the cleanup. BLM responds to their interests and concerns.

C. Reuse Plan:

The Navajo Nation and Pueblo of Zuni have the lead for the reuse of Fort Wingate lands. The purpose of DOI action is to authorize the management of these lands for the benefit of the Navajo and Zuni. The BIA is the interim manager and BLM is the real estate agent. A copy of the Navajo Nation's reuse plan is attached. The Pueblo of Zuni generally endorses this plan, and the tribes will continue to meet regarding reuse. DOI will follow the tribes' reuse instructions.

The existing land use plans prepared by the Navajo and Zuni are the "presumptive" land use plans of the Department of the Interior. Issues relating to reasonably anticipated future land use should be discussed directly with the Navajo and Zuni, with participation of the BIA offices as trustee for tribal lands.

D. TPL Inc.

The BIA and/or the Navajo Nation and Pueblo of Zuni will be the future landlords of TPL Inc. The BLM will work through IOC and Corps of Engineers (COE) to ensure appropriate language is provided in the public land order to facilitate TPL's continued operation under conditions acceptable to both tribes. The Navajo Nation and Pueblo of Zuni are the lead organizations for determining the future of TPL Inc. on the former Fort Wingate. The BIA, as interim manager, and the BLM, acting as real estate agent for the DOI, respond to the desires of

the Navajo and Zuni.

We recommend negotiations between TPL Inc. and the Navajo and Zuni begin as soon as possible to determine the terms and conditions under which TPL Inc. will continue to operate.

E. BMDO/White Sands Missile Range (WSMR) Operational Relationship:

The BLM will include, as appropriate, in the public land order and other land records rights-of-way, easements, or other encumbrances on the lands necessary for BMDO to perform its mission. Any change in BMDO requirements since the June 28, 1995, Notice of Intent to Relinquish Withdrawal should be provided to the COE for transmittal to the BLM as an amendment to the Notice.

The BIA, Navajo Nation, and Pueblo of Zuni should be coordinated with as adjacent land owners whose lands are encumbered by rights-of-way and easements. The two BIA offices, Navajo, and Zuni have equal status until such time as the lands are placed into reservation status. When the lands are in reservation status, the BMDO/WSMR will continue to deal directly with the two BIA offices (as trustee), the Navajo and Zuni tribes.

F. Points of Contact: See attached list.

We look forward to continued dialogue to expedite our mutual interests in the transfer of the former Fort Wingate lands from Army to the DOI. Please call on me I can be of assistance with the process.

Sincerely,



William Brown
Advisor to the Secretary

attachments

FORT WINGATE TRANSFER - POINTS OF CONTACT

Navajo Nation:

Land use plan and real estate: Ferdinand Notah
Division of Economic Development
520-871-6544
Alternate: Sharlene Begay-Platero
520-871-6968
FAX 520-871-7381

Environmental cleanup: Arlene Luther
Environmental Protection Agency
520-871-7994
FAX 520-871-7599

Pueblo of Zuni: Hayes Lewis
505-782-4481, Ext. 126
FAX 505-782-2700

BLM:

Project Manager: Sue Richardson
505-761-8714
FAX 505-761-8909
s2richar@nm.blm.gov

Cadastral Survey: John Bennett
505-438-7890
jbennett@nm.blm.gov
FAX 505-7524

Alternate: Kelly Williamson
505-438-7493
kwilliams@nm.blm.gov

Environmental cleanup: David Sinclair
505-438-7423
dsinclai@nm.blm.gov
FAX 505-438-7426

Alternate: Brian Lloyd
505-761-8798
blloyd@nm.blm.gov

BIA Albuquerque Area Office: Rob Baracker

505-766-3171

FAX (505) 766-1964

Alternate: Mike Hackett

505-782-5591

BIA Navajo Area Office: Elouise Chicharello

505-863-8314

FAX 505-863-8324

Alternate: Gerald Curley

(505) 863-8243

FAX (505) 863-8245

DOI Washington Office Support Team:

Justin Johnson

Office of the Assistant Secretary - Policy, Management and Budget

202-208-4203

Justin_Johnson@ios.doi.gov

FAX (202) 219-1220

Harriet Brown, BIA

Office of the Assistant Secretary - Indian Affairs

202-208-7324

FAX (202) 208-7163

Dwight Hempel, BLM

202-452-7778

FAX 452-7708

dhempel@wo.blm.gov

JAN-15-98 THU 15:28

JAN-8-98 THU 11:28

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JAN-8-1998 13:30

HQ

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AMC

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DOI/OFFICE OF SECRETARY

202 213 1220

P.02/00



United States Department of the Interior

OFFICE OF THE SECRETARY

Washington, D.C. 20340

JAN 6 1998

Office of the Assistant Secretary of the Army

(Installations, Logistics and Environment)

ATTN: Honorable Paul W. Johnson

110 Army Pentagon

Washington, D.C. 20316-0110

Dear Mr. Johnson:

At the Fort Wingate base closure meeting in Albuquerque on October 22, 1997, an invitation was extended to the Department of the Interior (DOI) to join the Base Closure Team (BCT). We accept this offer in the belief that our participation will greatly facilitate understanding and expedite the transfer process. Our representative is Mr. David Sinclair of the Bureau of Land Management's (BLM) New Mexico State Office in Santa Fe. Mr. Sinclair will provide feedback to the Bureau of Indian Affairs' Navajo Area Office in Gallup, New Mexico, and the Albuquerque Area Office, as well as the tribal governments. He can be reached at:

phone: 505-436-7423

FAX: 505-436-7428

e-mail: dsinclair@blm.blm.gov

address: BLM New Mexico State Office (NM-931)

1474 Redona Road

P.O. Box 27116

Santa Fe, NM 87502-0116

Although we understand your desire to keep membership of the BCT small for the sake of efficiency, we strongly support a broader based "extended BCT" which would meet periodically to review the work of the BCT. We believe this was the intent of the extended participation meeting in Gallup on December 2. With the multiple agency, Navajo Nation, and Pueblo of Zuni partnership on the Department of the Interior side of the Fort Wingate transfer, we would like to keep all members of the partnership engaged in the clean-up process. The "extended BCT" concept might be a method of accomplishing this. Ms. Sue Richardson in the BLM Albuquerque District Office (505-781-5714) can provide the points of contact for the DORA, Zuni, and Navajo representatives to an extended BCT.

We greatly appreciate your invitation to join the BCT and look forward to an improved partnership to cleanup and transfer the former Fort Wingate lands.

Sincerely,

William Brown
Advisor to the Secretary

APPENDIX B
FWDA PERMIT FACT SHEET



BILL RICHARDSON
GOVERNOR

State of New Mexico
ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303
Telephone (505) 428-2500
Fax (505) 428-2567
www.nmenv.state.nm.us



RON CURRY
SECRETARY

DERRITH WATCHMAN-MOORE
DEPUTY SECRETARY

FACT SHEET
AUGUST 29, 2005
DRAFT

INTENT TO ISSUE A HAZARDOUS WASTE FACILITY PERMIT
UNDER THE NEW MEXICO HAZARDOUS WASTE ACT

FORT WINGATE DEPOT ACTIVITY
MCKINLEY COUNTY, NEW MEXICO

Facility Name: Fort Wingate Depot Activity (FWDA)

EPA ID Number: NM6213820974

Type of Facility: FWDA is a former ammunition depot under the command of the United States Department of the Army (Army) and is classified as a hazardous waste treatment facility under the New Mexico Hazardous Waste Act (HWA), Sections 74-4-1 through 74-4-14, NMSA 1978, as amended, and the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. 6901 through 6992. The New Mexico Environment Department (NMED) proposes to issue a Hazardous Waste Permit to the Army that requires Army to: 1) close the Open Burn/Open Detonation Unit (OB/OD Unit), and, if necessary, conduct post-closure care; 2) conduct alternative requirements to address releases to the Kickout Area from the OB/OD Unit and solid waste management units (SWMUs); 3) conduct corrective action activities for SWMUs and Areas of Concern (AOCs); and 4) conduct tasks in accordance with schedules of compliance.

Location: FWDA is located in western New Mexico in McKinley County and is approximately eight miles east of the city of Gallup.

Owner/Operator: United States Department of the Army (Army)

INTRODUCTION

Army is the owner and operator of FWDA and is required to obtain a permit from NMED to manage hazardous waste pursuant to the HWA and RCRA. Prior to issuing a final permit,

NMED is required to release a draft permit for public comment pursuant to 20.4.1.901.A(3) NMAC. This fact sheet is intended to facilitate public review of the Draft Permit.

This is the second draft permit issued for FWDA. On September 14, 2004 NMED issued a draft permit for public comment. Comments and requests for hearing on the first draft permit were received from several parties. Pursuant to 20.4.1.901.A(4) NMAC, a series of meetings were held in the spring of 2005, with representatives of all commenters present, in an attempt to resolve the issues raised in the comments. As a result of these meetings, NMED hereby withdraws the September 14, 2004 draft Permit and issues this revised replacement draft permit for public comment. Prior comments and requests for hearing on the September 14, 2004 draft permit are moot and a response will not be provided in the review of this revised draft Permit. If a party wishes to comment on this revised draft Permit or request a hearing, they must do so according to the procedures described below under the heading of Public Participation.

REGULATORY BACKGROUND

Subtitle C of RCRA provides for “cradle to grave” environmental regulation for the management of hazardous waste at hazardous waste treatment, storage, and disposal facilities. The United States Environmental Protection Agency has authorized the State of New Mexico to implement and enforce Subtitle C requirements, including corrective action requirements, under its own hazardous waste management program. The State’s enabling authority for the program is the HWA, which authorizes the State’s Environmental Improvement Board to adopt regulations and NMED to implement and enforce the provisions of the HWA and regulations.

As part of the State’s program, the EIB has adopted regulations relating to, among other things, the issuance of hazardous waste permits. These regulations incorporate by reference pertinent sections of the federal code of regulations – 40 CFR parts 260 through 270, and 273 – and are codified in the Hazardous Waste Management Regulations (HWMR), 20.4.1 NMAC.

The HWA and HWMR require each person owning or operating an existing facility or planning to construct a new facility for the treatment, storage, or disposal of hazardous waste to have a permit. *See* 42 U.S.C. 6925 and 20.4.1.900 NMAC (incorporating 40 CFR 270.1). A treatment, storage or disposal facility in existence on November 19, 1980 is eligible for “interim status.” Interim status authorizes an existing facility to operate, subject to the interim status standards set forth in 20.4.1.600 NMAC, incorporating 40 CFR part 265, until NMED issues or denies a RCRA permit or until interim status is otherwise terminated.

The HWA and HWMR further require corrective action for all releases of hazardous waste or constituents from any SWMU at a facility seeking a permit, regardless of the time at which waste was placed in such unit. 42 U.S.C. 6924(u), Section 74-4-4.2(B), NMSA 1978, and 20.4.1.500 NMAC (incorporating 40 CFR 264.101(a)). Corrective action is also required beyond the facility boundary. 42 U.S.C. 6924(v) and 20.4.1.500 NMAC (incorporating 40 CFR 264.101(c)).

PROCEDURAL BACKGROUND FOR THE FWDA PERMIT APPLICATION

General Permit Application Requirements: Owners or operators of hazardous waste management facilities, including interim status facilities, are required to submit a comprehensive permit application covering all aspects of design, operation, maintenance, and closure of their facilities. The permit application consists of Parts A and B. Part A of the Permit Application (Part A Application) is a short, standard form that summarizes general information about a facility including the name of the owner/operator, a list of the types of wastes managed, a facility layout diagram, and the activities requiring a permit. Part B of the Permit Application (Part B Application) is an extensive document submitted in a narrative, tabular, and schematic format that describes the facility operations in detail and includes information necessary to establish corrective action requirements for releases from SWMUs and AOCs. Because the OB/OD Unit is a closing unit, which will not be permitted to operate, the Part B Application for FWDA required only the information necessary to close the OB/OD Unit including: a general description of the facility; information on the design and operation of the unit; a closure plan; and information related to corrective action for SWMUs and AOCs.

Part A Permit Application: On November 12, 1980, Army timely submitted to NMED its Part A Permit Application for FWDA. The Part A Permit Application listed two hazardous waste treatment units: the Open Burning/Open Detonation Unit and the Deactivation Furnace. Army has submitted several, amended Part A Permit Applications since the initial submission to update and further describe the extent of treatment activities conducted at the OB/OD Unit under interim status. In one of its amended Part A Permit Application submitted on January 18, 1985, Army removed the Deactivation Furnace as a hazardous waste treatment unit because the Army never operated the unit under interim status. NMED approved the revision deleting the Deactivation Furnace on March 19, 1985. Accordingly, the OB/OD Unit is the only existing hazardous waste management unit at FWDA that received interim status authority to operate under the Part A Permit Application, 20.4.1.600 NMAC (incorporating 40 CFR part 265), 42 U.S.C. 6925, and Section 74-4-9, NMSA 1978,.

Part B Permit Application: In November 1988, Army timely submitted its Part B Permit Application for operation of the OB/OD Unit as a miscellaneous treatment unit under 40 CFR part 264, subpart X. On November 10, 1992, Army submitted an interim status closure plan for the OB/OD Unit and notified NMED of its intent to withdraw the Part B Permit Application for operation of the OB/OD Unit. Army, however, did not complete closure of the OB/OD Unit under interim status.

On January 25, 1999, NMED required Army to submit a post closure permit application for the OB/OD Unit to, among other things, complete closure. On June 30, 1999, Army submitted its Post-Closure Permit Application. Army revised its permit application several times in response to NMED-issued Notices of Deficiency. On June 12, 2003, Army submitted the latest revised permit application. NMED reviewed Army's revised permit application and determined that it was sufficiently complete to prepare this draft Permit.

TYPE AND QUANTITY OF WASTES

Type of Wastes: Army will be permitted to conduct closure activities for the OB/OD Unit. No treatment, storage, or disposal of hazardous waste will be allowed under the permit. The following hazardous wastes are associated with prior interim status, treatment activities at the OB/OD Unit.

D Waste Codes (Hazardous wastes exhibiting the characteristics of ignitability, reactivity, corrosivity, or toxicity): D001 (ignitable), D003 (reactive), D005 (barium), D006 (cadmium), D007 (chromium), D008 (lead), D009 (mercury), and D030 (2,4-dinitrotoluene).

F Waste Codes (Hazardous wastes from non-specific sources): F003 and F005 (explosive contaminated solvents and rags).

K Waste Codes (Hazardous wastes from specific sources): K044 (wastewater treatment sludges from the manufacturing and processing of explosives).

The “D,” “F,” and “K” Codes are EPA Hazardous Waste Numbers that are assigned to specific hazardous wastes. These codes are specified at 20.4.1.200 NMAC (incorporating 40 CFR part 261 subparts C and D).

Quantity of Wastes: The Army treated various quantities of waste military munitions at the OB/OD Unit from November 19, 1980 until 1993 when active use of the OB/OD Unit ceased. Army conducted detonations of explosives of up to 5,000 pounds above ground and detonation of explosives between 5,000 and 10,000 pounds with ten feet of earthen cover. Army has estimated the volume of waste and waste residues remaining at the OB/OD Unit at 72,740 cubic yards.

TYPE OF UNIT TO BE PERMITTED

Miscellaneous Treatment Unit. The OB/OD Unit is a treatment unit. There are no unit-specific performance standards under 20.4.1.500 NMAC (incorporating 40 CFR part 264) for open burning and open detonation units. A treatment unit for which there are no unit-specific performance standards is defined as a “miscellaneous unit” and must comply with the general performance standards under 20.4.1.500 NMAC (incorporating 40 CFR part 264, subpart X). Accordingly, the OB/OD Unit is a miscellaneous treatment unit. The OB/OD Unit includes: the Burning Ground Area; at least twelve open detonation craters known as the current detonation craters 1 through 12 (CDC-1 through CDC-12); and at least ten residue piles designated as current residue piles 1 through 10 (CRP-1 through CRP-10).

DESCRIPTION OF THE PERMIT

The draft permit is organized into eight permit sections and thirteen attachments. The draft permit generally follows the format, style, and general conditions in EPA permitting guidance including, but not limited to: *Model RCRA Permit For Hazardous Waste Management Facilities* (Draft), U.S. EPA (September, 1988); *Model Permit For Hazardous and Solid Waste Amendments* (Draft), U.S. EPA (July, 1995); and *RCRA Guidance Manual for Subpart G Closure and Post Closure Care Standards and Subpart H Cost Estimating Requirements*, OSWER 9476.00-5 (January, 1987). Because of the unique conditions at FWDA, NMED proposes to impose, in addition to general permit conditions, several permit conditions that are necessary to protect human health and the environment pursuant to NMED's "omnibus authority" (see 20.4.1.900 NMAC (incorporating 40 CFR 270.32(b)(2))). In addition, the draft permit imposes alternative requirements to address releases to the Kickout Area from the OB/OD Unit and SWMUs.

Each Permit Section is briefly described below and permit conditions of interest to the public are noted. The general regulatory authority for conditions in each Section is noted, but more specific citations are provided throughout the draft permit at the end of each condition.

Permit Section I (General Permit Conditions) contains permit conditions that apply to all hazardous waste management permits, most of which are based upon mandatory permit conditions set forth at 20.4.1.900 NMAC (incorporating 40 CFR part 270). Section I also references several permit attachments that provide more information regarding FWDA, namely Permit Attachment 1 (General Facility Description), Permit Attachment 2 (Facility Map), and Permit Attachment 12 (Map of OB/OD Unit). Notable permit conditions in Section I include:

Permit Section I.F.4 (Transfer of Land Ownership) requires Army to notify NMED before transfer of land that is part of the Facility and provide information related to corrective action requirements on that land. This condition will ensure that Army's corrective action obligations on any land proposed for transfer will be met either before transfer or through adequate mechanisms in place to allow corrective action beyond the facility boundary after transfer, pursuant to 42 U.S.C. 6924(v) and 20.4.1.500 NMAC (incorporating 40 CFR 264.101(c)).

Permit Section I.L (Community Relations Plan) requires the Army to provide information to the public on hazards related to waste military munitions at the Facility. The two main elements of the Community Relations Plan are the Public Safety Program and the Military Munitions Map and Table. Army is required to create and implement a Public Safety Program to educate the public regarding waste military munitions at FWDA and releases beyond the facility boundary. Army is required to create and maintain a Military Munitions Map and Table to depict and identify waste military munitions released at FWDA and beyond the facility boundary. The Army is also required to consult with the Pueblo of Zuni and the Navajo Nation when developing the Community Relations Plan. The Community Relations Plan is necessary to protect human health and the environment by limiting or preventing human exposure to waste

military munitions that could cause serious injury or death. In addition, the Community Relations Plan will address participation by the Pueblo of Zuni, the Navajo Nation and any other interested parties regarding the corrective action process.

Permit Section II (General Facility Conditions) contains mandatory permit conditions for operation of hazardous waste management facilities set forth at 20.4.1.500 (incorporating 40 CFR part 264, subpart B through E). A notable permit condition in Section II is:

Permit Section II.C (Security) requires the Army to install a security fence around the OB/OD Unit and Kickout Area and post warning signs on the security fence in each language common in the region around the Facility and in pictograms. The security fence will prevent the unknowing entry, and minimize the possibility of unauthorized entry, of persons or livestock into areas known to contain released waste military munitions. The warning signs will ensure that persons approaching the fence are aware of the dangers at the Facility. This condition is necessary to protect human health and the environment.

Permit Section III (Closure Requirements) contains permit conditions for closure of the OB/OD Unit and associated releases to the Kickout Area. These conditions are based upon the requirements in 20.4.1.500 NMAC, incorporating 40 CFR part 264, subpart G and subpart X.

Army did not provide a closure plan for the OB/OD Unit that met all requirements of 20.4.1.500 NMAC (incorporating 40 CFR part 264, subparts G and X). Specifically, Army's closure plan did not propose that all hazardous waste and hazardous waste residues be removed from the OB/OD Unit during closure. Instead, Army proposed to remove only a portion of the known hazardous wastes and contain the remaining hazardous wastes by the installation of an engineered cover. Additionally, Army's closure plan did not specify in appropriate detail the proposed methods and procedures to close the OB/OD Unit.

Because Army's closure plan is deficient, NMED has specified the necessary steps required to close the OB/OD Unit in the draft permit. Notable permit conditions include the following:

Permit Section III.A.2 (Removal of Wastes and Waste Residues From the OB/OD Unit) requires Army to remove hazardous wastes and hazardous waste residues from the OB/OD Unit. Closure of the OB/OD Unit must include removal of all hazardous waste and hazardous waste residues. *See* 20.4.1.500 NMAC (incorporating 40 CFR part 264, subpart G). Failure to remove all hazardous waste (*e.g.*, waste military munitions) and residues from the OB/OD Unit during closure would constitute abandonment and illegal disposal of hazardous waste without a permit under 42 U.S.C. 6925(a) and 20.4.1.900 NMAC (incorporating 40 CFR 270.1(b)) and would violate the closure requirements for treatment units in 20.4.1.500 NMAC (incorporating 40 CFR 264.113(a)) and prohibitions against land disposal of hazardous waste in 20.4.1.500 NMAC (incorporating 40 CFR 268.9(c) and 268.40).

Permit Sections III.A.3 – III.A.6 and III.B require Army to remove or decontaminate contaminated soils from the OB/OD Unit. Following initial removal or decontamination activities, the Army must collect soil characterization and confirmation samples from the limits of remedial excavations and conduct a geophysical investigation of the entire OB/OD Unit to ensure the removal or decontamination of contaminated soils where practicable. If contaminated soils remain, Army is required to submit an investigation work plan to determine the nature and extent of remaining contamination. A final remedy for remaining contaminated soils will be selected through a permit modification.

Under the Schedule of Compliance in Permit Section VIII, Army is required to submit a closure plan for the OB/OD Unit that complies with the conditions in the permit. After submission and approval, the new closure plan will be incorporated into the permit as Permit Attachment 9. Army is also required to submit a summary of historical information pertaining to the OB/OD Unit and a proposed permit modification to include a Corrective Action Management Unit for management of waste generated during closure activities.

Permit Section IV (Alternative Requirements For The Kickout Area) contains permit conditions authorized under 20.4.1.500 NMAC (incorporating 40 CFR 264.101 and 264.110(c)). The Kickout Area is the combined area of land to which the OB/OD Unit and several SWMUs released waste military munitions or solid waste as a result of detonations of military munitions. The Department believes it is not necessary to apply the closure requirements to this release because the alternative requirements in the permit will protect human health and the environment and will satisfy the closure performance standards. Notable conditions in this permit part include the following:

Permit Section IV.A (Confirmation of Kickout Area) requires Army to confirm the extent of the Kickout Area by conducting a geophysical investigation. This condition will ensure that the security fence encompasses the entire Kickout Area and that the locations of waste military munitions in the Kickout Area are known for the purposes of off-site corrective action, the Community Relations Plan, and the Military Munitions Map and Table.

Permit Section IV.B (Surface Clearance In The Kickout Area) requires Army to conduct a surface clearance of the Kickout Area to remove waste military munitions from the Kickout Area. When developing the work plan to conduct the surface clearance, the Army is required to consult with the Pueblo of Zuni and the Navajo Nation.

Permit Section IV.C (Clearance of Designated Areas) requires the Army to conduct geophysical investigations of designated areas, requires excavation of all of the detected anomalies and removal of all waste military munitions in these designated areas. The purpose of this condition is to allow for access to archaeological and other cultural resources in the Kickout Area. The list of designated areas will be developed by consultation between the Navajo Nation and the Pueblo of Zuni.

Permit Section IV.E (Annual Inspections and Removal) requires Army to conduct annual inspections of the Kickout Area and to remove all observed waste military munitions. Permit Section IV.B requires excavation of all of the detected anomalies and removal of all waste military munitions. However, as a practical matter, current technology cannot guarantee 100% detection of all waste military munitions released in the Kickout Area. In addition, there may be areas in the Kickout Area that will be inaccessible during the surface clearance activities; therefore, some waste military munitions will likely remain in the Kickout Area after completion of the surface clearance. These waste military munitions may pose a continuing threat to human health and the environment. Accordingly, the Army is required to conduct annual inspections to discover and remove waste military munitions that may be exposed due to erosion or lifted to the surface through freeze and thaw cycles.

Permit Section IV.F (Transfer Of Lands Within The Kickout Area) requires the Army to conduct additional clearance of any lands within the Kickout Area that will be transferred to another owner. This condition requires the Army to conduct geophysical investigations of lands, requires excavation of all of the detected anomalies and removal of all waste military munitions in these lands.

Permit Section V (Facility-Wide Ground Water Monitoring) contains permit conditions designed to integrate ground water monitoring on a facility-wide basis. These permit conditions are authorized by 20.4.1.500 NMAC (incorporating 40 CFR 264.101). After submission and approval, the facility-wide ground water monitoring program will be incorporated into the permit as Permit Attachment 10.

Permit Section VI (Ground Water Investigation and Ground Water Corrective Action For the OB/OD Unit) contains permit conditions authorized under 20.4.1.500 NMAC (incorporating 40 CFR part 264, subpart F). Exceedences of health-based standards for ground water have been detected at the OB/OD Unit for RDX, perchlorate, 2,4-dinitrotoluene, 4-amino-2,6-dinitrotoluene, 2-amino-4,6-dinitrotoluene, cadmium, chromium, selenium, and lead. See Final Open Burning/Open Detonation Area, RCRA Interim Status Closure Plan, Phase 1B (December 29, 1999). Therefore, the Army is required to implement a Ground Water Corrective Action Program pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.100). However, before the Army can design and implement a corrective action program, Army must gather additional information required under Permit Section VI.A (Ground Water Investigation). After completion of the investigation, Army must initiate a permit modification to establish the corrective action program. Upon approval of the permit modification, the corrective action program for the OB/OD Unit will be incorporated into the permit as Permit Attachment 11.

Permit Section VII (Corrective Action For SWMUs and AOCs) contains permit conditions necessary to meet the corrective action requirements of 42 U.S.C. 6924(u) and 20.4.1.500 NMAC (incorporating 40 CFR 264.101). These conditions follow standard EPA guidance for conducting corrective action at RCRA facilities.

Under Section VII, Army must first determine the full nature and extent of contamination at each SWMU and AOC identified in the draft permit and then, if necessary, conduct a remedy analysis for each SWMU and AOC. A final corrective measure for each SWMU or AOC will be incorporated into the permit through a permit modification. Investigations, remedy analyses, and remedy implementation must comport with the Scope of Work documents in Permit Attachment 4 (RCRA Facility Investigation Scope of Work), Permit Attachment 5 (Corrective Measures Study Scope of Work), Permit Attachment 6 (Corrective Measures Implementation Scope of Work), and Permit Attachment 7 (Cleanup Levels). A list of all SWMUs and AOCs at FWDA is specified in Permit Attachment 8 (Hazardous Waste Management Unit, Solid Waste Management Unit, and Area Of Concern Tables). The factual basis for the listing of each SWMU and AOC is attached to this Fact Sheet as Attachment 1.

NMED proposes that Army conduct investigations of SWMUs and AOCs in phases depending on the land parcels on which the SWMUs or AOCs are located. *See* Permit Section VII, Table 7.2. NMED invites public comment regarding the appropriate priority ranking and scheduling for investigation of SWMUs and AOCs located at FWDA.

Army is also required to immediately conduct two interim measures at the facility. These interim measures must comport with Permit Attachment 3 (Interim Measures Scope of Work) and are necessary to limit or prevent human and environmental exposure to hazardous waste or hazardous constituents while final corrective measures are evaluated:

Permit Section VII.G.2.a (Sampling of Off-site Water Supply Wells) requires Army to sample off-site water supply wells identified in Permit Attachment 13.. This condition is necessary to ensure that the public is not using contaminated ground water released from the Facility and to minimize or prevent human exposure to, and the further migration of, hazardous waste or constituents while final corrective measures are evaluated.

Permit Section VII.G.2.b (Cleanup of Kickout Beyond the Facility Boundary) requires Army to conduct a geophysical investigation to discover and remove any waste military munitions that were “kicked out” and released beyond the facility boundary. These actions will be required when the Army is notified that the use of the off-facility property will change. This condition is necessary to prevent human and environmental exposure to waste military munitions beyond the Facility boundary.

Permit Section VIII (Schedule of Compliance) contains permit conditions requiring the Army to provide certain items either missing from or deficient in the Application, including historical information relating to the OB/OD Unit, SWMUs, and AOCs, closure submittals, a facility topographic map, and hydrogeologic information. These conditions are authorized by 20.4.1.500 NMAC (incorporating 40 CFR 264.101) and 20.4.1.900 NMAC (incorporating 40 CFR 270.33). This schedule of compliance also specifies the prior consultation requirements, which require the Army to take best efforts to consult with the Navajo Nation and the Pueblo of Zuni regarding planned activities at the Facility.

Permit Condition VIII.A.1.e (Asbestos Evaluation) requires Army to prepare asbestos evaluation reports in conjunction with associated parcel RCRA Facility Investigation work plans. This condition is necessary to minimize or prevent human exposure to asbestos-contaminated soils at the Facility. This condition is authorized by 20.4.1.900 NMAC [incorporating 40 CFR 270.32(b)(2)] (“omnibus authority”). *See Description of Permit* above. Under certain circumstances, asbestos qualifies as a statutory hazardous waste as defined in NMSA 1978, § 74-4-3 (I) (HWA); *see also* RCRA at 42 U.S.C. § 6903 (5). Asbestos is a designated hazardous substance under the Comprehensive Environmental Response, Compensation, and Liability act (CERCLA), U.S.C. § 9602. The Army has stated that it will address asbestos contamination in this condition pursuant to CERCLA, 42 U.S.C. § 9601, *et. seq.* This condition is a requirement within the meaning of, and enforceable pursuant to CERCLA § 310(a)(1), 42 U.S.C. § 9659(a).

PUBLIC PARTICIPATION

Availability of Additional Information: A copy of the draft permit, public notice, and the fact sheet may be reviewed at the following locations during the public comment period:

NMED - Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303
Phone: (505) 428-2500
Monday – Friday: 8:00 a.m. to 5:00 p.m.

Octavia Fellin Public Library
115 West Hill Ave
Gallup, New Mexico 87301
(505) 863-1291
Monday-Thursday: 9:00 a.m. to 8:00 p.m.
Friday: 10:00 a.m. to 6:00 p.m.
Saturday: 9:00 a.m. to 6:00 p.m.

A copy of the draft Permit, Fact Sheet, and Public Notice are also available on the NMED website at www.nmenv.state.nm.us/HWB/fwdaperm.html under Draft Permit. The Administrative Record may also be reviewed at the NMED – Hazardous Waste Bureau at the address given above. To obtain a copy of the Administrative Record or a portion thereof, please contact Pam Allen at (505) 428-2531, or at the NMED address given above. NMED will provide copies, or portions thereof, of the Administrative Record at a charge of \$0.25 per page.

Comment Period and NMED Contact: Any person who wishes to comment on the draft Permit or request a public hearing should submit written or electronic mail (e-mail) comment(s) with the commenter’s name and address to the address below. The comment period begins on **August 29, 2005** and ends on **October 28, 2005**. Only comments and/or requests received on or before **5:00 p.m. October 28, 2005** will be considered.

John E. Kielsing, Program Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

e-mail: hazardous_waste_comment@nmenv.state.nm.us
Ref: Fort Wingate Depot Activity - Draft Permit

Written comments must be based on available information for review and include, to the extent practicable, all referenced factual materials. Documents in the administrative record need not be re-submitted if expressly referenced by the commenter. Requests for a public hearing must provide: (1) a clear and concise factual statement of the nature and scope of the interest of the person requesting the hearing; (2) the name and address of all persons whom the requestor represents; (3) a statement of any objections to the draft permit, including specific references to any Permit conditions being addressed; and (4) a statement of the issues which the commenter proposes to raise for consideration at the hearing. NMED will provide a thirty (30) day notice of a public hearing, if scheduled.

Final Decision: NMED must ensure that the approved draft permit is consistent with RCRA, the HWA, and HWMR. All written comments submitted on the draft permit will become part of the administrative record, be considered in formulating a final decision, and may cause the draft permit to be modified. NMED will respond in writing to all public comments. NMED's response to comments will specify which provisions, if any, of the draft permit have been changed in the final Permit decision, the reasons for the change, and will briefly describe and respond to all public comments on the draft permit or the permit application raised during the public comment period. NMED's response to comments will also be posted on the NMED website in addition to being sent to all persons who submitted written comments.

After consideration of all the written public comments received, NMED will either issue or modify and issue the Permit. If NMED modifies and issues the Permit, then the Permittee shall be provided by certified mail a copy of the modified permit and a detailed written statement of reasons for the modifications. The Secretary of the New Mexico Environment Department will make the final Permit decision publicly available.

The Secretary's final permit decision shall constitute a final agency decision and become effective thirty days after notice of the decision has been served on the Applicant, or such later time as the Secretary may specify. All persons on the facility mailing list, persons that presented written comments, or who requested notification in writing, will be notified of the Secretary's final decision by mail. The final agency decision may be appealed as provided by the Hazardous Waste Act, Section 74-4-14, NMSA 1978.

Arrangements for Persons with Disabilities: Any person with a disability requiring assistance or auxiliary aid to participate in this process should contact Judy Bentley at the following address: New Mexico Environment Department, Room N-4030, P.O. Box 26110, 1190 St.

Francis Drive, Santa Fe, New Mexico 87502-6110, (505) 827-2844. TDD or TDY users please access Judy Bentley's number via the New Mexico Relay Network. Albuquerque users may access Ms. Bentley's number at (505) 275-7333.

APPENDIX C
OTHER SOURCES OF INFORMATION

Cibola National Forest - <http://www.fs.fed.us/r3/cibola/>

City of Gallup, New Mexico - <http://www.ci.gallup.nm.us/>

Defense Environmental network and Information eXchange - <https://www.denix.osd.mil/>

Department of Defense Explosives Safety Board (DDESB) - <http://www.ddesb.pentagon.mil/index.html>

National Association of Tribal Historic Preservation Officers - <http://www.nathpo.org/>

Navajo Nation - <http://www.navajo.org/>

Navajo Nation Environmental Protection Agency - <http://www.epa.navajo.org/>

New Mexico Environment Department - <http://www.nmenv.state.nm.us/>

New Mexico State Historic Preservation Office - <http://www.nmhistoricpreservation.org/>

Pueblo of Zuni - <http://www.ashiwi.org/>

U.S. Army Center for Health Promotion and Preventive Medicine - <http://chppm-www.apgea.army.mil/>

U.S. Army Corps of Engineers, Albuquerque District - <http://www.spa.usace.army.mil/>

U.S. Army Corps of Engineers, Fort Worth District - <http://www.swf.usace.army.mil/>

U.S. Army Environmental Center - <http://aec.army.mil/usaec/>

U.S. Army Installation Management Agency - <http://www.ima.army.mil/sites/hq/default.asp>

U.S. Army Technical Center for Explosives Safety (USATCES) - <http://www.dac.army.mil/es/>

U.S. Department of the Interior - <http://www.doi.gov>

U.S. Department of the Interior, Bureau of Indian Affairs - <http://www.doi.gov/bureau-indian-affairs.html>

U.S. Department of the Interior, Bureau of Land Management - <http://www.blm.gov/nhp/index.htm>

U.S. Environmental Protection Agency – www.epa.gov

U.S. Environmental Protection Agency, Region 6 – <http://epa.gov/region6/index.htm>

APPENDIX D
STATEMENT OF CLEARANCE FOR EXPLOSIVE
ORDNANCE INVESTIGATION AND REMOVAL



REPLY TO
ATTENTION OF:
CEHNC-OE-DC

DEPARTMENT OF THE ARMY
HUNTSVILLE CENTER, CORPS OF ENGINEERS
P.O. BOX 1600
HUNTSVILLE, ALABAMA 35807-4301

17 DEC 1999

MEMORANDUM FOR Commander, Tooele Army Depot, ATTN: SDSTE-IRE
(Mr. Larry Fisher), Tooele Army Depot, UT
84074-5000

SUBJECT: Statement of Clearance for Explosive Ordnance
Investigation and Removal, Fort Wingate, NM

1. References:

a. Contract DACA87-94-D-0030, Task Order 0004, Ordnance and Explosive (OE) Sampling and Removal Action, Fort Wingate, NM.

b. Final Removal Report, 18 December 1998, with change one dated 11 October 1999 by CMS Environmental, Incorporated.

2. Enclosed for your use is a Statement of Clearance for the Sewage Treatment Plant (Site 1), Functional Test Range 2/3 (Site 4), Functional Test Range 1 (Site 5), Current OB/OD Detonating Grounds (Site 10), Group C Disposal Area (Site 11), Deactivation Furnace Area (Site 14) and Ballistic Missile Site. This clearance is accompanied by enclosures 1 through 6.

3. During the period of May 1996 through November 1998 (suspending field activities during the winter months), CMS Environmental, Incorporated, under contract with the U.S. Army Engineering and Support Center, Huntsville, conducted the following actions for the specified site (enclosures 1, 2 and 3):

a. Sewage Treatment Plant (Site 1) - A 100 percent surface and subsurface clearance to an average depth of 4 feet, of approximately 5 acres. The site contained a document destroyer that was used to destroy 20mm and 40mm Target Practice-Tracer (TP-T) projectiles. Recovered was approximately 2,656.5 pounds of OE-related scrap (primarily 20mm TP-T and a few 37mm Armor Piercing Tracer (AP-T) projectiles). Less than 20 percent of the recovered items were found on or near the surface. The intent of this clearance was to remove all unexploded ordnance (UXO) and ordnance-related scrap. The area does not appear to be further contaminated with explosive hazards and there is no suspected

OPTIONAL FORM 99 (7-99)

FAX TRANSMITTAL

of pages 4

To BEVERLY POST
Dept./Agency

From LARRY FISHER
Phone #

Fax # 817-072-7091

Fax #

CEHNC-OE-DC

17 DEC 1999

SUBJECT: Statement of Clearance for Explosive Ordnance
Investigation and Removal, Fort Wingate, NM

UXO remaining on this property. It is recommended that the Sewage Treatment Plant be used for any purpose for which the land is suited.

b. Functional Test Range 2/3 (Site 4) - A 100 percent surface clearance was performed on approximately 611 acres, a subsurface clearance completed to an average depth of 4 feet on approximately 5 acres and subsurface sampling on approximately 11.5 acres. During the surface clearance, OE items were recovered in only four 100 feet x 200 feet grids. No UXO or OE-related items were recovered during subsurface clearance or sampling operations. Recovered was approximately 25,400 pounds of OE-related scrap. The OE-related scrap included several piles of five-inch rocket fins. The intent of this clearance was to remove all UXO and ordnance-related scrap. The area does not appear to be further contaminated with explosive hazards and there is no suspected UXO remaining on this property. It is recommended that the Functional Test Range 2/3 be used for any purpose for which the land is suited.

c. Functional Test Range 1 (Site 5) - A 100 percent surface clearance on approximately 378 acres was completed and a subsurface clearance completed to an average depth of 4 feet on approximately 64 acres and subsurface sampling on approximately 13.75 acres. During the surface clearance, over 500 OE items were recovered. No OE items were recovered at a depth greater than 24 inches during the subsurface work in this area. Recovered was approximately 34,879 pounds of OE-related scrap and 138,951 pounds of OE slag. Some additional ordnance sampling was done, with one 3-inch high explosive projectile and seven fuzes being found in the northern portion of this test range (enclosure 4). Due to the UXO item and OE items being found during the sampling operation, the area bounded by North American Datum 1983 coordinate lines 1628000.00, 1627000.00, 2497500.00 and 2499000.00 is recommended for restriction to surface use only (enclosure 5). This surface restricted area encompasses approximately 37.5 acres. The remaining area known as the Functional Test Range 1 does not appear to be further contaminated with explosive hazards and there is no suspected UXO remaining on this property. It is recommended that the Functional Test Range 1, except for the area referenced above, be used for any purpose for which the land is suited.

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17 DEC 1999

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Investigation and Removal, Fort Wingate, NM

d. Current OB/OD Detonating Grounds (Site 10) - A clearance was performed along "seismic test lines", new fence lines, and within a buffer zone around the OB/OD Area. A surface and subsurface clearance to a depth of 4 feet was done along five "seismic test lines". The clearance width of each test line was 15 feet and line lengths ranged from 888 feet to 3,822 feet. Also, approximately 5 acres of fence line and 3 acres of the OB/OD Area Buffer Zone were surface and subsurface cleared to a depth of 4 feet. During this clearance, 9 UXO/OE items were recovered at less than 4 inches depth along the "seismic test lines". Only 11 UXO/OE items were recovered during the fence line clearance and 17 UXO/OE items were recovered during the buffer zone clearance. Approximately 19,360 pounds of OE-related scrap was recovered. The intent of this clearance was to remove all UXO and ordnance-related scrap from the "seismic test lines", the new fence lines and the buffer zone area. The areas cleared do not appear to be further contaminated with explosive hazards and there is no suspected UXO remaining in these areas. It is recommended that any planned work outside of the cleared areas be done after a surface and subsurface clearance for ordnance is completed. This area has produced artillery fuzes, 20mm and 40mm projectiles and 20 lb. frag bombs.

e. Group C Disposal Area (Site 11) - A 100 percent surface clearance was performed on approximately 20 acres. No UXO items were recovered during this surface clearance. Approximately 2,320 pounds of OE-related scrap was recovered. The OE-related scrap included M-83 bomblet dispensers. The intent of this clearance was to remove all UXO and ordnance-related scrap. The area does not appear to be further contaminated with explosive hazards and there is no suspected UXO remaining on this property. It is recommended that the Group C Disposal Area be used for any purpose for which the land is suited.

f. Deactivation Furnace Area (Site 14) - A 100 percent surface and subsurface clearance was performed to an average depth of 4 feet on approximately 10 acres. During this clearance, all UXO/OE items were recovered within one inch of the ground surface. Items recovered included propellant grains, projectile fuze and a burster tube. Approximately 11,009.5 pounds of OE related scrap was recovered. The intent of this clearance was to remove all UXO and ordnance-related scrap. The area does not appear to be further contaminated with explosive hazards and

CEHNC-OE-DC

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there suspected UXO remaining on this property. It is recommended that the Deactivation Furnace Area be used for any purpose for which the land is suited.

g. Ballistic Missile Site - A 100 percent surface clearance was performed on approximately 20 acres. No UXO or OE-related items were recovered during this surface clearance. The intent of this clearance was to remove all UXO and ordnance-related scrap. The area does not appear to be contaminated with explosive hazards and there is no suspected UXO remaining on this property. It is recommended that the Ballistic Missile Site be used for any purpose for which the land is suited.

4. During the removal and investigation operations, a UXO Safety Specialist from U.S. Army Engineering and Support Center, Huntsville, was present onsite during all ordnance-related actions. Enclosure 6 lists the UXO and OE items which were recovered and disposed of during the removal operations.

5. If you have any questions, please contact me at 256-895-1300 or Mr. Bill Sargent, Project Manager, at commercial 256-895-1562 or facsimile 256-895-1378.

Encls



HARRY D. SPEAR
COL, EN
Commanding

**STATEMENT OF CLEARANCE
SELECTED ORDNANCE SITES
FORT WINGATE, NEW MEXICO**

The following parcels of land (as indicated in enclosures 1, 2, and 3), located within the boundaries of Fort Wingate, in McKinley County, New Mexico, has been given careful search by CMS Environmental, Incorporated under contract to the U.S. Army Engineering and Support Center, Huntsville (Contract DACA87-94-D-0030, Task Order 0004) and have been cleared of all dangerous and explosive ordnance reasonably possible to detect. The ordnance items listed on enclosure 4 were removed from the parcels.

It is recommended that:

- a. The Sewage Treatment Plant (Site 1) be used for any purpose for which the land is suited.
- b. The Functional Test Range 2/3 (Site 4) be used for any purpose for which the land is suited.
- c. The Functional Test Range 1 (Site 5) be used for any purpose for which the land is suited. An exception to this, is the area within this range, bounded by North American Datum 1983 coordinate lines 1627000.00, 1628000.00, 2497500.00 and 2499000.00. This area of approximately 37.5 acres be restricted to surface use only.
- d. The Current OB/OD Detonating Grounds (Site 10) be restricted from any use until a thorough surface and subsurface clearance is completed.
- e. The Group C Disposal Area (Site 11) be used for any purpose for which the land is suited.
- f. The Deactivation Furnace Area (Site 14) be used for any purpose for which the land is suited.
- g. The Ballistic Missile Site be used for any purpose for which the land is suited.

This action has been conducted in accordance with Army Regulations 385-64 (Ammunition and Explosives Safety Standards) and 405-90 (Disposal of Real Estate).

SUBMITTED BY:

HARRY L. SPEAR (date)
Colonel, Corps of Engineers
Commander, Huntsville Engineering and Support Center

APPROVED BY:

(date)

ENCLOSURES:

1. General Site Map
2. General Site Map
3. Location Map for Individual Sites
4. Sampling Data
5. Functional Test Range I and Surface Restricted Area
6. Listing of Ordnance Recovered and Destroyed

APPENDIX E
VIDEO, SAFETY FIRST AT FORT WINGATE

APPENDIX F
COMMENTS AND RESPONSES ON DRAFT AND
DRAFT FINAL COMMUNITY RELATIONS PLANS

Comment Responses Table
Draft Community Relations Plan, Fort Wingate Depot Activity, 12 May 2006

Cmt. No.	Page No./ Line No.	Comment	Recommendation	Response
<i>Zuni Ft. Wingate MOU Team Member-- Roman Pawluk, Director, Zuni Conservation Program</i>				
1	2-4 Line 11	By Congressional Act in 1928 9,502 acres of the original Ft W, was purchased by BIA for Navajo tribe. [70 th Congress, Session I., Chap 853, 1928] It is very important that the history of what was taken and what was returned, and to whom, be factually represented to the community.	Insert this important fact.	Additional text has been added to Section 2.1.2 to describe this transfer from the War Department to the Interior Department.
2	2-4 Line 30	In 1950 by Congressional Act 13,150 acres of original Ft W. transferred to the Navajo Indians [Public Laws, Chap 320, June 20 1950] It is very important that the history of what was taken and what was returned, and to whom, be factually represented to the community	Insert this important fact.	Additional text has been added to Section 2.1.2 to describe this transfer from Department of the Army to Department of the Interior, for use by the Bureau of Indian Affairs.
<i>Jonathan E. Damp, Principal Investigator Zuni Cultural Resource Enterprise</i>				
1		Cultural Resource Sections: Sections are adequately covered.	None	Comment noted; thank you.
<i>Shirley Bellson – Zuni Cultural Resource Enterprise</i>				
1	4-11, Line 27	There is no mention that Zuni also assumed the NHPA Section 106 responsibilities of the SHPO on tribal lands and that Zuni has a Tribal Historic Preservation Officer designated by NPA.	Recommend that the Pueblo of Zuni inform FWDA to make this change in recognition of the status.	Additional text has been added to Section 4.5.1 to acknowledge this responsibility.

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<i>Pueblo of Zuni – Andrew L. Othole, MOU Team Member</i>				
1	Cover Page	a. Community Relations Plan b. Change from Gallup, NM to Need to specify what the plan is for.	a. Community Relations Plan for Environmental and Cultural Activities b. Ft. Wingate, NM	Comment noted, however, this document title reflects the Permit requirements/language usage and will not be changed at this time. In addition, to also be consistent with language within the Permit, FWDA will be noted as being in McKinley County, NM rather than tied to a specific town.
2	Pg. 2-3, Section 2.1.2	This section is very critical to determine cultural affiliation and significance The Zuni Tribe has exclusively occupied this area for over ten thousand years, prior to European contact.	Need to include subsection on prehistory and historical	Comment noted. This document was intended to present a brief history of the Army use of the lands, and how these lands will be returned to the public domain following environmental restoration; a complete history of the area is beyond the scope of this document, and has been left to documents and studies prepared by others.
3	Pg. 2-3, Line 17	Strike out or reword historical Native American Need to be specific about ethnic groups. This is not a one-size-fits all.	Insert Zuni where applicable	Although the Army understands that there are substantial differences among the specific Tribes with claims on the lands comprising FWDA, the Army is not in a position, within this document, to engage in decision making with regard to ancestral land rights. This decision making authority will rest with others following the Army's relinquishment of the property to DOI.
4	Pg. 2-10, Section 2.3 Line 22	Ensure its preservation; and protection Of the Fenced-Up Horse Canyon Complex and Casa Vabora Site	Insert protection and include Casa Vabora Site	The text has been revised as requested. The MOA commits the Army to the preservation and protection of these resources until such time as the land is returned to DOI.

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		The Fenced –Up Horse Canyon Complex and Casa Vabora Site should be protected in perpetuity		
5	Pg. 2-11 Section 2.4	Community Profile Section provides demographics for City of Gallup and Mckinley County Total Zuni Population is 11,883. The 2000 Decennial Census identifies 7,466 ALAN Persons for Zuni Reservation.	Include Zuni Demographics	Additional text has been added to Section 2.4 to provide Zuni demographic data.
6	Pg. 4-8 Section 4.2 Line 19	Establishment of Cultural Affiliation Ethnographic studies are important in this process.	Insert ethnographic	Text revised as requested.
7	Pg. 4-8 Section 4.2	Establishment of Cultural Affiliation Keep all NAGPRA items in one section	Move this section to NAGPRA	Comment noted. The definition listed here, although cited from NAGPRA, is provided as a generally accepted description of the term cultural affiliation that has widespread use and that was developed with formal legal review and consideration. FWDA feels that its use in this section is appropriate.
8	Pg. 4-11 Section 4.5.2	Pueblo of Zuni Contact and Org. Chart for Zuni Pueblo need to be complete.	Complete Table 4 and Figure 8	Comment noted; the contact and organizational information has been requested from the Pueblo of Zuni, and will be incorporated into the document when it is received.
9	Pg. 4-15 Section 4.7.2 Line 24	NAGPRA Process	Insert Cooperative Agreement (CA)	Comment noted; the term “Cooperative Agreement” is spelled out following its first use in the document, in Section 4.1.4.8, and will not be spelled out here.
10		Include Appendix F This document is critical to the plan and process.	Include MOU Agreement between the Zuni Tribe and The Navajo Nation	The Army is not part of this agreement between the Tribes, and this topic is not within the Army’s area of responsibility. This CRP is associated only with the Army’s environmental restoration activities up to the point in time

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				where the property is returned to DOI.
<i>Bureau of Indian Affairs, Zuni Agency – Clayton Seoutewa, Superintendent</i>				
1	2-12, Line no. 8	The BIA and BLM have a responsibility to ensure..... BLM is the DOI lead for environmental reviews for this project.	Include BLM	Text revised as requested.
2	2-12, line no. 13	The lands will become Indian Trust lands held by the Federal government for the Navajo Nation and Zuni Indian Tribe Specify Indian Trust lands status verses public domain	Edit this sentence for clarification and specific land status	Text revised as requested.
3	4-4, line no. 12	Add “ Authorizes the Secretary of Interior to acquire land in trust for Indians and Tribes. ” Add authorizing statement for DOI	Add a statement of authority	Text revised as requested.
4	4-4, Line no. 13	Edit Title of the act Since the passage of the act, there has been more that 13 amendments to this act.	Insert at the current end of title:, as amended	Text revised as requested.
5	4-4, line no. 16	Add another authority specific to Recognized Indian Tribes having continuing special relationship with the United States Government. Authorizes the Secretary of Interior to develop and publish a list of tribes who are eligible for special programs and services provided by the United States because of their Indian status. The United States has a trust responsibility to recognized Indian tribes, maintains a government-to-	Insert at the end of line 16 Federally Recognized Indian Tribe Act of 1994	Additional text added to present this authority.

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		government relationship with those tribes and recognizes the sovereignty of those tribes.		
<i>Bureau of Indian Affairs, Southwest Region, Ryan Riley, Regional Environmental Scientist</i>				
6		The RCRA permit has standard language pertaining to cleanup identification and cleanup processes. Although much of the activities cit NM Environmental regulations, these are consistent with our acceptable Federal standards. There are no substantive comments on the RCRA permit or community Relations Plan on the environmental components. As the BIA is probably the ultimate trustee for any Zuni interests in this property (now and future), we should probably request that we be at least a concurring party on any environmental compliance decisions and documents since we will use this collected information and documentation as the basis of our due diligence.		Comment noted.
<i>Bureau of Indian Affairs, Southwest Region, Bruce Harrill, Regional Archeologist</i>				
7	4.5.1 Navajo Nation and 4.5.2 Pueblo of Zuni	The document appears to pay proper attention to Native American consultation. I note that the process, but since the lands are currently non-tribal lands, that they do not have an overriding role in the consultation process and have equal consultative status with the State Historic Preservation Officer. This is appropriate	.	Comment noted.
8	4.7.1 NHPA Section 106 Process Step 2: Line 12-14	As this is not now tribal land, there is no basis to preferentially use Zuni and/or Navajo Tribal Programs to conduct Cultural resource Assessment Surveys (CRAS) on this non-tribal		Comment noted. However, the Permit specifically requires consultation with both Tribes regarding the identification, protection, and preservation of any cultural resources,

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		federally managed land. The federal contracting process should be open to any and all potential cultural resource contracting firms. They might be written into the contract language as specialized information sources for part of a CRAS but Federal contracting regulations would probably not support preference being given to specific tribal cultural resources management firms.		Traditional Cultural Properties and/or sacred sites at FWDA. The spirit of the Permit strongly suggests we consult with both Tribes on CRAS.
9	4.7.2 NAGPRA Process Lines 18-23.	This incorrectly assumes that any and all inadvertently discovered human remains on Federal or Tribal land are Native American. That assumption should not be made. NAGPRA refers specifically to "Native American human remains" and there should be some positive confirmation that the remains in question are "Native American." The call for a 30-day work stoppage to allow for meaningful Tribal consultation is inappropriate until the remains are confirmed as such. Human remains in a prehistoric site context with culturally and temporally appropriate funerary materials could be considered Native American without further analysis. However, human remains without associated grave goods should not be assumed to be Native American without some professional osteological analysis and dating of the remains. Once a Native American identification is established, then the tribal consultation should proceed. Any PA or other compliance agreement should also make allowance for treatment and disposition of non-Native American human remains.		Comment noted. This section of the document does not pre-assume that any remains inadvertently discovered will be Native American. However, until specific identification of the remains can be completed, consultation with the Tribes, and an appropriate stoppage or redirection/relocation of the work will be warranted. The specific process by which these potential events will be managed has been recently drafted by the Army as part of the proposed Comprehensive and Programmatic Agreements currently under review by the Tribes and the SHPO.
9 Cont.	4.7.2 NAGPRA Process Lines 18-23. Continued			

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<i>Dwight Hempel, DOI Team Lead, Washington, DC</i>				
1	p. 2-1, line 5	Recommend adding the work “maintain” after “store”. The maintenance mission is discussed later on the page, but I think it should be included in the opening sentence.		Text revised as requested.
2	p. 2-1, line 5	<p>You use the word “material”. Then say “dispose of obsolete or deteriorated explosives and munitions.” The use of the word “material” could lead to a misinterpretation.</p> <p>Recommend:</p> <ul style="list-style-type: none"> a. deleting the word “and” before the word “ship”. b. place a comma after the word “ship” c. delete the word “material”, <p>So the sentence now reads, in part, “... mission was to receive, store, maintain, ship, and to dispose of obsolete or deteriorated explosives and military munitions.”</p>		Text clarified as requested.
3	p. 2-3, 2.1.2 History of FWDA	<p>Recommend inserting the following items into the history section:</p> <ul style="list-style-type: none"> a. add at line 25, following “. . . Zuni people.” “The United States agreed to protect the property rights granted by the Mexican Government.” b. add at the end of line 33: The Treaty of 1868 between the United States and the Navajo Tribe of Indians was signed . c. page 2-4, after line 34 add: On June 29, 1970, the United States Indian Claims 		Text revised as requested.

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		Commission adjudicated claims to the lands in Navajo Tribe v. United States, 23 Ind. Clm. Comm. 244 (1970) and determined that the lands of the Fort Wingate military facility had been Navajo aboriginal lands. d. page 2-4, after line 39 add: On April 19, 1989, the United States claims court adjudicated claims to the lands in Zuni Tribe v. United States, 16 Cl. Ct. 670 (1989) and determined that the lands of the Fort Wingate military facility had been Zuni aboriginal lands.		
4	p. 2-11, Sec. 2.5	WHO'S WHO AT FORT WINGATE: Should Tooele Army Depot be listed?		Comment noted; because the FWDA BEC reports to the BRAC Office, and is now located at FWDA, Tooele personnel no longer have a day to day role in the environmental restoration process at FWDA, and were omitted from this listing for that reason.
5	p. 5-1, 5-2	MILITARY MUNITIONS STORAGE: From a 1 November 2000 report: "One (number G1359) had a broken hinge and could not be inspected because the door could not be opened safely." Has this igloo been inspected? If not, then it needs to be listed separately.		Text revised as requested.
6	p. 5-3, lines 29 – 34	This is not the official definition of MEC used by the DA (see AS(I&E) memo dated April 21, 2005). Recommend being consistent with DA policy – "This term, which distinguishes specific categories of military munitions that may pose		Text revised as requested.

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		<p>unique explosives safety risks means: (A) Unexploded ordnance (UXO), as defined in 10 U.S.C. 101(e)(5); (B) Discarded military munitions (DMM), as defined in 10 U.S.C. 2710(e)(2); or (C) Munitions constituents (e.g., TNT, RDX), as defined in 10 U.S.C. 2710(e)(3), present in high enough concentrations to pose an explosive hazard."</p> <p>Recommend adding the definition of DMM. "Discarded Military Munitions (DMM). Military munitions that have been abandoned without proper disposal or removed from storage in a military magazine or other storage area for the purpose of disposal. The term does not include unexploded ordnance, military munitions that are being held for future use or planned disposal, or military munitions that have been properly disposed of, consistent with applicable environmental laws and regulations. (10 U.S.C. 2701(e)(2))." [From the April 21, 2005 memo.]</p>		
7	p. 5-4, line 18	Recommend adding after "purposes" the following ", e.g., fence lines."		Text revised as requested.
8	Figure 9 – Army Organization Chart	<p>a. Are you including both the "HQ, DA, BRAC Division" and the "Atlanta Field Office of the BRACD" in the block "Base Realignment and Closure Office"?</p> <p>b. Should support from Army Environmental Center be shown?</p>		<p>a. As of the date of this response, the Atlanta Field Office no longer exists. HQ, DA and BRACD are included in the BRAC Office box.</p> <p>b. Support from AEC is not shown because AEC is not in the direct line of command with</p>

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				respect to the conduct of the closure and corrective action activities.
9		I'll provide a DOI Project Organization Chart asap?		The DOI organization chart has been inserted into the document.
10	Appendix C	Do you want to add the Fort Wingate website housed at Los Alamos National Laboratory? http://www-emst/lanl.gov/fw.html		This information has been added to Appendix C.
<i>Chris R. Adams, Hydrologist, Navajo Nation Dept. of Water Resources – Water Mgmt. Branch</i>				
1		Jason and I didn't really have many comments to make on the Fort Wingate Draft Community Relations Plan. Jason did notice that the Ground water Monitoring program is not mentioned in the document. Is there a place (such as in Section 5.0 – Public Safety Program) to mention the program, what its purpose is, and how information and data collected will be disseminated or made available to the public? Other than these questions, the document looks pretty sound and complete.		The Public Safety Program, as required by Section I.L.1 of the Permit, is focused on potential explosive safety hazards related to military munitions; the ground water monitoring and corrective action programs will be discussed in other documents required by the Permit. These additional documents will be made available for review and consultation by the Tribes.
<i>Elaine Cleveland-Mason, Navajo Archaeology - Shiprock</i>				
1		I looked at the Community Plan once again today. I feel it is in good order and seems to cover all aspects of the FWDA development concerning cultural resources and Native American contacts, treatments, etc. The only thing in regards to contacts on page 92 (Table 3 Contact information) would be to add a middle initial to Robert M. Begay our NNAD Department Manager who is the Tribal Archaeologist for the Navajo Nation in		Comment noted, thank you; Table 3 has been revised as requested.

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		Window Rock.		
<i>Navajo Region Division of Environmental, Cultural and Safety Management</i>				
1	Page VI, TOC, line 24	Capitalize the term “digital video disc” for consistency as all the other acronym definitions are capitalized.		Text revised as requested.
2	Page VII, TOC, line 20	Change the acronym “USA” to USAEI for clarity.		The text (Section 5.3.1.11) referencing this acronym has been revised to spell out USA Environmental for clarity; the acronym “USA” has been deleted.
3	Page ix, line 18	Possessive nouns: Inanimate objects cannot not be possessive. An “of phrase” is used instead of possessive form: such as, restoration goals of an installation” rather than “achieving an installation’s restoration goal.”	Please correct this error throughout the document.	Comment noted. The Army believes that the meaning of the text is accurately conveyed by the existing language.
4	Page 2-5, line 15	You must use a comma to set off informal direct quotes. Add a comma after the phrase ... of the Army, Paul Johnson that, “the lands will be managed by the Bureau...		Text revised as requested.
5	Line 26	Use of hyphens. Use hyphens in compound numerals, when compounding numerals with words, in certain compound made up of nouns and prepositional phrases. Examples: fifty-five, government-to-government, 90-days,		Text revised as requested; “government-to-government” has been hyphenated throughout the document.
6	Page 1-1, line 13	Line 13 identifies the NMED, RCRA permit as “the Permit.” Lline 42, the author uses the term “the permit.” For consistency permit should be	Please correct this type of error throughout the	Where it refers specifically to the FWDA Permit, the term has been capitalized; where it refers to the process or other generalities, the

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		capitalized.	document.	term has not been capitalized. The instance referenced in this comment has been capitalized for consistency.
7	Page 2-1, line 26	The sentence should be corrected to read, "...including national forest, BIA and Navajo Nation Tribal Trust and Allotments."	Please correct this sentence.	Text revised as requested.
8	Line 15	The paragraph should identify the number of tenant occupations as; Department of Agriculture, Navajo Nation, MDA and TPL. Discussion of the Department of Agriculture should be in a separate paragraph such as the discussion of TPL for consistency.		Text revised as requested; one exception is that the Navajo Nation is not a distinct tenant operation, but is linked to the Department of Agriculture.
9	Line 21	TPL also used Igloo block A for a period of time. This use should be identified in this section.		A review of all TPL facility-use contracts to date does not show TPL use of any portion of Igloo Block A; this was confirmed with Tooele Army Depot personnel.
10	Line 37	The last sentence states that "the agreement was extended in June 2005." For clarity you should state the extension period to be "2010."		Since the time when the draft CRP was published, it has been discovered that the extension request was submitted in 2005, but has not been formally approved. The text has been changed to reflect the current status.
11	Page 2-3, lines 13-14	The Pueblo of Zuni does not have land adjacent to the FWDA. This section should be rewritten as follows: Federally-owned lands surround FWDA. Navajo Nation Trust and Navajo Allotted trust lands are adjacent on the north and western boundaries. To the east lies Navajo Region BIA-owned lands and south and southeast, Cibola National Forest lands are to the east and southeast and to south lie BIA-owned lands which are being held by the BIA for future transfer to the Tribes.		The text has been revised to be consistent with that presented in Section 4.2 (page 4-8). This revision eliminates the erroneous statement that Zuni land is immediately adjacent to FWDA.

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12	Page 2-3, line 33	Great detail is included in this paragraph regarding the naming of FWDA. Why is there no reference to the “Mr. Wingate” officer for whom the facility is named? Wasn’t his name John?		A reference to Major Benjamin Wingate has been added to the text.
13	Page 2-4, lines 6-10	This paragraph describes the land status resulting from the transfer of the parcel in 1925. However, it fails to identify that the BIA also received ~1200± acres for administration and school purposes. This should be included in this paragraph.		Comment noted; this comment was addressed by revisions to address Roman Pawluk Comment #1.
14	Line 13	The sentence should read, “Navajo families who had been residents were immediately forced to leave.” Note: This is the area where Navajos were forced marched to Bosque Redondo in 1868 and subsequently returned and settled at Fort Wingate.		Revised text has been provided.
15	Line 29	Add, “destruction” to the sentence.		Comment noted; the term “demilitarization” encompasses a variety of operation, including destruction.
16	Line 38	Add, the statement “With the passage of BRAC 1,” the active mission ...		Comment noted; the BRAC legislation referenced in this comment was enacted several years before the active mission ended. The text as presented is accurate.
17	Page 2-11, line 16	Correct spelling of “Ship Rock” to Shiprock. Add Chaco Canyon National Park to this listing.		Text revised as requested.
18	Page 3-1, Line 26	It is not good practice to include a person’s name in a document which is expected to span a long period of time. Mr. Mark Paterson’s name should be included in the table of names and the sentence should be rewritten, “The FWDA BEC contact information is included in Table 2.”		Comment noted; because Mr. Patterson is the key person in the restoration process, and because the document is a living document which will require periodic updates, his name will remain in the body of the document.

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Cmt. No.	Page No./ Line No.	Comment	Recommendation	Response
19	Line 33	Delete the “s” from Offices. It should read, Navajo Regional Office. Change “Property Management Office” to Property Operations Office.		Text revised as requested.
20	Page 3-2, lines 22-24	This section should be rewritten to reflect the new changes in the RAB regulations which were recently published in the Federal Register when discussing the reestablishment of the RAB and the RAB to be maintained if there is interest.		Revised text has been provided.
21	Line 38	It was understood by NRO that the announcement would be put on the radio in English and Navajo because the majority of the population lives in isolated, rural areas and utilize radio as the media of choice to receive news, information and notifications. Many of the elderly Navajos who have ties to Fort Wingate do not read or understand English. This statement should be changed for Navajo interests.		The text has been revised to remove the phrase “When appropriate..” . This revision results in translation and radio transmittal of announcements being the norm.
22	4.7 Development of Mitigation Recommendations	I do not find any reference to discovery situations where work has been started and excavations uncover a resource. Who will be notified to review the findings? Will both parties be notified? Who will make a final determination of the discovery? Will it be based on cultural/traditional identifiers? What will happen if both tribes claim the resource? Please provide a discussion for this situation.		The specific process by which these potential events will be managed has been recently drafted by the Army as part of the proposed Comprehensive and Programmatic Agreements currently under review by the Tribes and the SHPO.
23	Page 5-3, line 5 Military Munitions Storage and Demilitarization	In the event TPL restricts access to operational areas and roadways, what conditions will allow them to do this, who will they notify, if egress is necessary for tribes, will an evacuation corridor be established? Where will it be? MDA and FWDA		Comment noted; as discussed earlier in the referenced paragraph, persons entering areas or passing through areas under TPL control must sign in with TPL and receive a briefing, during which ingress and egress points would be

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	Operations	have constructed fences over exit roads which do not have gates. How long will TPL keep the roads closed? Please provide a discussion of the process in detail. Or, is it the intent of Army to allow BIA/Navajo/Zuni to enter into an agreement?		typically be discussed. If and/or when property impacted by potential TPL access restrictions is transferred outside DOD control, additional details may be necessary at that time.
24	Page 5-9, line 13 Safety Video	The sentence should be change to read "A video containing FWDA safety information has been produced by BIA, the Navajo Nation and Pueblo of Zuni in cooperation with Army.		Text has been revised as requested.

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Cmt. No.	Page No./Line No.	Comment	Recommendation	Response
<i>Dwight Hempel, DOI Team Lead, Washington, DC</i>				
1	Table of Contents	List of Figures: Figure 9a is not listed. Paragraph 4.5.5 references this figure, which is the DOI Project Organization Chart. PS. I'm not happy with the number "9a", but can understand why you did this instead of renumbering Figures 10 and 11 and revising all references in the document.		The DOI organization chart has been added to the List of Figures in the Table of Contents, and has been renumbered as Figure 10; the two MEC maps have been renumbered as Figures 11 and 12.
2	Page 2-2, line 22	I'm not aware of any TPL facilities on Parcel 21. Please tell what they are, or remove "21" from this line.		Concur; a re-review of TPL's facility-use contracts does not show any TPL facilities on Parcel 21, and the reference to Parcel 21 has been deleted.
3	Page 2-4, Lines 33 and 34	I have never heard of "underground, reinforced concrete storage magazines" at FWDA. If in fact they are there, then no comment. If they do not exist, then delete this phrase.		<p>The term "standard underground magazine" is the correct term for the structures that are also known as "igloos". From a War Department publication, TM 9-1904, dated 2 March 1944: 'The considerations of camouflage and still greater safety in storage have been taken into account in the construction of "igloos" or standard underground magazines. The magazine is not really underground, but is built with the floor at ground level. However, a covering of earth over the top and sides constitutes the basis for the name.</p> <p>The term "igloos" has been added in parentheses after magazines in the referenced sentence, to identify the magazines with a term used at FWDA previously.</p>

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